

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085325.D
 Acq On : 27 Dec 2024 12:01
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 28 01:11:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:10:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	147779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	96471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	11186	5.307	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.620%#		
35) Dibromofluoromethane	8.159	113	8683	5.291	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.580%#		
50) Toluene-d8	10.565	98	32316	5.367	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.740%#		
62) 4-Bromofluorobenzene	12.841	95	10066	5.033	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.060%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	9959	4.983	ug/l	87
3) Chloromethane	2.359	50	10992	4.893	ug/l	94
4) Vinyl Chloride	2.512	62	12286	5.172	ug/l	98
5) Bromomethane	2.954	94	8726	5.616	ug/l	96
6) Chloroethane	3.118	64	7888	5.236	ug/l	100
7) Trichlorofluoromethane	3.501	101	15924	5.099	ug/l	97
8) Diethyl Ether	3.953	74	5358	5.182	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	9363	5.270	ug/l #	48
10) Methyl Iodide	4.589	142	9845	4.788	ug/l #	93
11) Tert butyl alcohol	5.518	59	7128	27.007	ug/l #	84
12) 1,1-Dichloroethene	4.336	96	8833	5.379	ug/l	79
13) Acrolein	4.177	56	11310	27.485	ug/l	100
14) Allyl chloride	5.018	41	13153	5.004	ug/l	93
15) Acrylonitrile	5.724	53	20549	24.737	ug/l	98
16) Acetone	4.424	43	17276	24.926	ug/l	94
17) Carbon Disulfide	4.706	76	25152	5.035	ug/l	98
18) Methyl Acetate	5.030	43	10628	5.009	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	26395	4.945	ug/l	97
20) Methylene Chloride	5.277	84	9500	5.096	ug/l	86
21) trans-1,2-Dichloroethene	5.777	96	8724	5.085	ug/l	87
22) Diisopropyl ether	6.665	45	29256	5.165	ug/l #	92
23) Vinyl Acetate	6.600	43	99465m	24.429	ug/l	
24) 1,1-Dichloroethane	6.571	63	17288	5.067	ug/l	94
25) 2-Butanone	7.483	43	27176	25.274	ug/l	99
26) 2,2-Dichloropropane	7.489	77	15617	5.225	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	9778	4.856	ug/l	92
28) Bromochloromethane	7.806	49	8779	5.537	ug/l #	98
29) Tetrahydrofuran	7.836	42	17009	24.557	ug/l	97
30) Chloroform	7.959	83	17135	4.909	ug/l	97
31) Cyclohexane	8.259	56	17671	5.672	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	15694	5.035	ug/l #	87
36) 1,1-Dichloropropene	8.365	75	12017	5.001	ug/l	98
37) Ethyl Acetate	7.559	43	11648	4.877	ug/l #	96
38) Carbon Tetrachloride	8.359	117	12952	4.945	ug/l	91
39) Methylcyclohexane	9.600	83	11831	4.746	ug/l #	92
40) Benzene	8.600	78	36472	5.021	ug/l	100

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 28 01:11:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:10:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	6242	5.104	ug/l	99
42) 1,2-Dichloroethane	8.665	62	12978	4.983	ug/l	97
43) Isopropyl Acetate	8.688	43	18930	4.814	ug/l	99
44) Trichloroethene	9.347	130	8533	4.961	ug/l	93
45) 1,2-Dichloropropane	9.618	63	9143	4.958	ug/l	99
46) Dibromomethane	9.706	93	6573	5.125	ug/l	98
47) Bromodichloromethane	9.888	83	13450	5.046	ug/l	99
48) Methyl methacrylate	9.682	41	8311	4.871	ug/l	98
49) 1,4-Dioxane	9.694	88	2520	97.886	ug/l #	87
51) 4-Methyl-2-Pentanone	10.441	43	54831	24.812	ug/l	99
52) Toluene	10.624	92	21799	5.040	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	13088	4.993	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	13900	4.904	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	8634	5.287	ug/l	91
56) Ethyl methacrylate	10.871	69	10291	4.327	ug/l	98
57) 1,3-Dichloropropane	11.159	76	14548	5.076	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.153	63	28647	24.895	ug/l	98
59) 2-Hexanone	11.188	43	36958	24.105	ug/l	99
60) Dibromochloromethane	11.359	129	9180	4.991	ug/l	96
61) 1,2-Dibromoethane	11.465	107	8013	4.960	ug/l	99
64) Tetrachloroethene	11.106	164	7300	5.095	ug/l	84
65) Chlorobenzene	11.888	112	24138	4.940	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	7880	4.805	ug/l	94
67) Ethyl Benzene	11.959	91	39102	4.812	ug/l	95
68) m/p-Xylenes	12.065	106	29104	9.786	ug/l	96
69) o-Xylene	12.394	106	13620	4.734	ug/l	98
70) Styrene	12.406	104	21804	4.676	ug/l	99
71) Bromoform	12.571	173	5494	4.837	ug/l #	99
73) Isopropylbenzene	12.694	105	35544	5.124	ug/l	97
74) N-amyl acetate	12.494	43	13811	4.651	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	11349	5.137	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	9049m	4.883	ug/l	
77) Bromobenzene	12.976	156	8544	4.971	ug/l	98
78) n-propylbenzene	13.029	91	38185	4.722	ug/l	99
79) 2-Chlorotoluene	13.123	91	26279	5.164	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	27787	4.952	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	3288	4.391	ug/l	95
82) 4-Chlorotoluene	13.218	91	25709	5.016	ug/l	97
83) tert-Butylbenzene	13.435	119	24152	4.969	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	26238	4.696	ug/l	97
85) sec-Butylbenzene	13.612	105	33215	4.923	ug/l	97
86) p-Isopropyltoluene	13.723	119	25238	4.594	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	15966	5.124	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	16072	5.022	ug/l	91
89) n-Butylbenzene	14.053	91	22807	4.616	ug/l	99
90) Hexachloroethane	14.329	117	5398	4.881	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	14881	5.014	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.712	75	2047	5.206	ug/l	94
93) 1,2,4-Trichlorobenzene	15.382	180	7250	4.894	ug/l	96
94) Hexachlorobutadiene	15.500	225	3976	5.402	ug/l	96
95) Naphthalene	15.635	128	22967	4.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	7594	5.131	ug/l	95

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

Quant Time: Dec 28 01:11:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:10:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

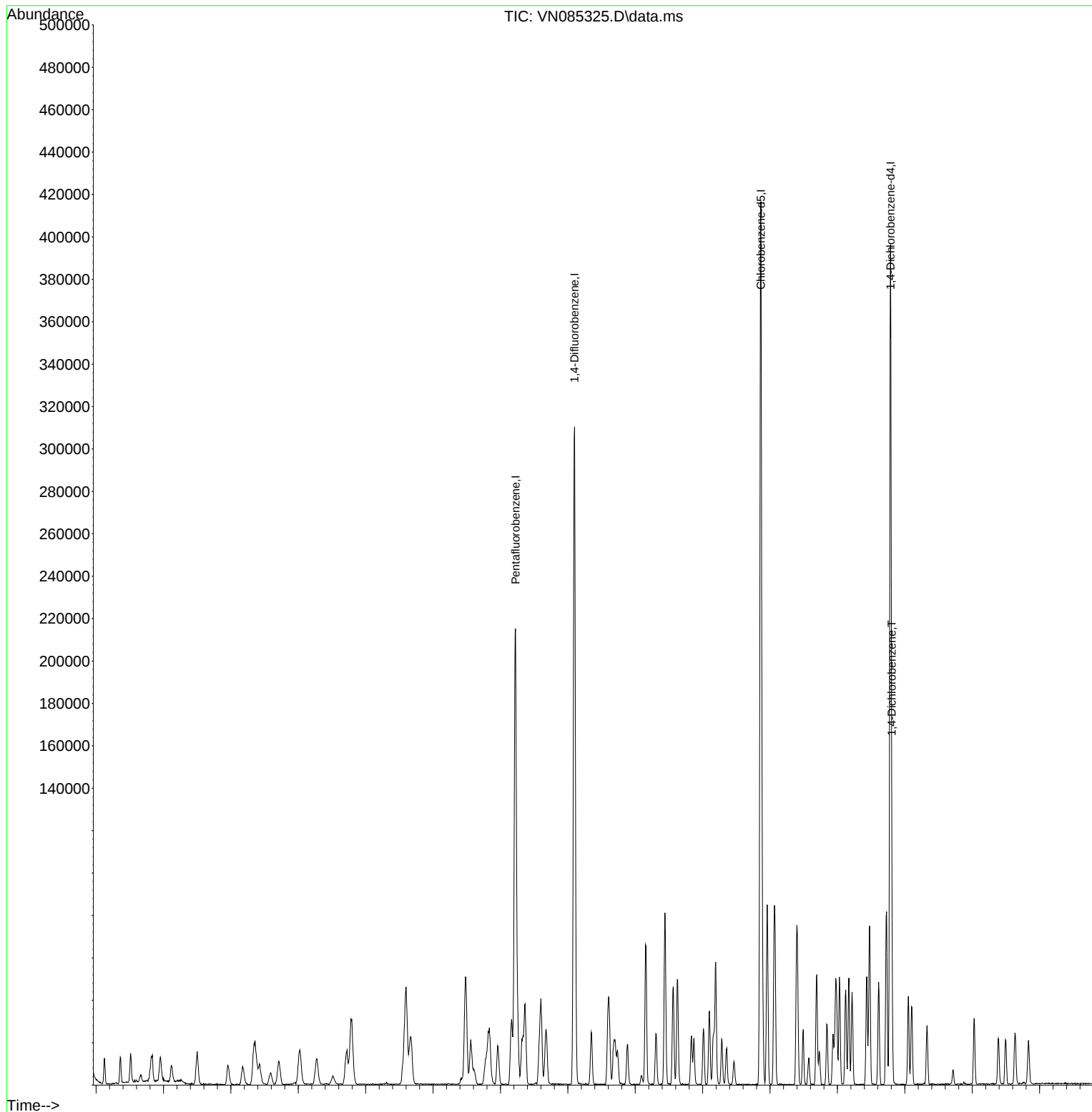
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Data File : VN085325.D
Acq On : 27 Dec 2024 12:01
Operator : JC\MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

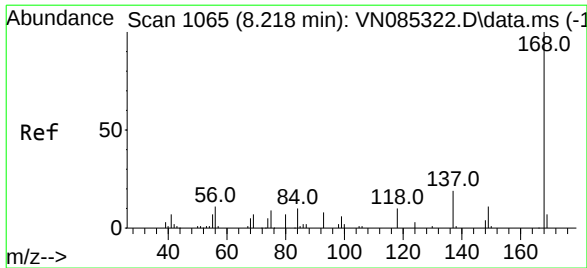
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

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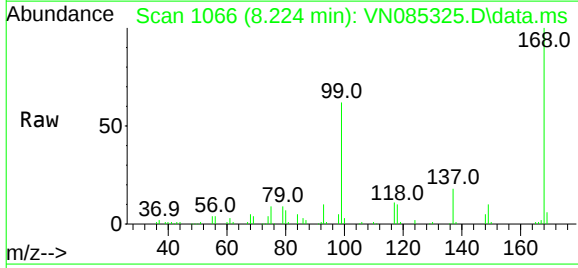
Quant Time: Dec 28 01:11:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:10:11 2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

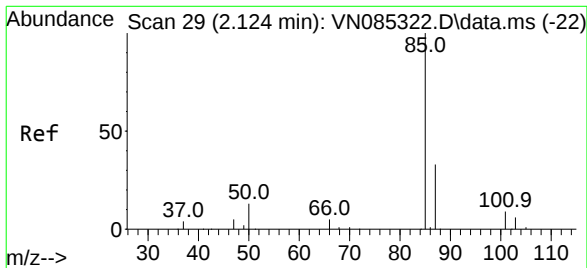
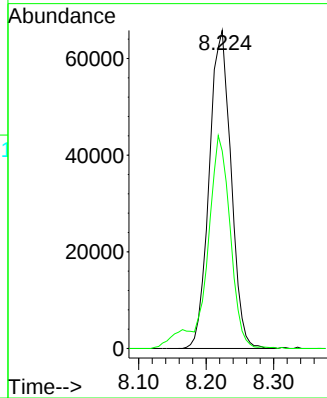
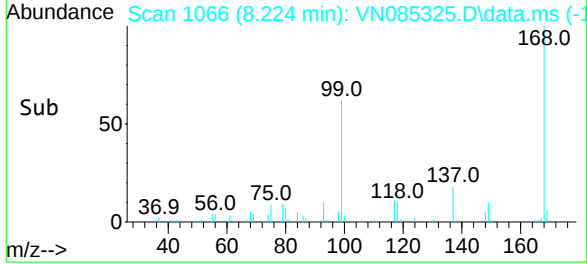
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



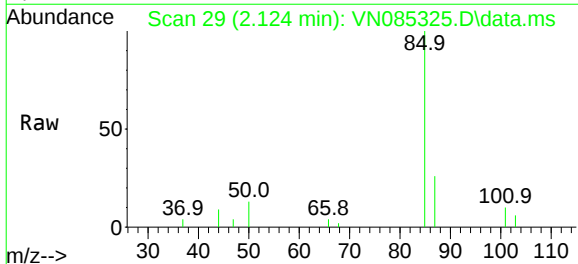
Tgt Ion:168 Resp: 147779
Ion Ratio Lower Upper
168 100
99 62.1 51.0 76.4

Manual Integrations
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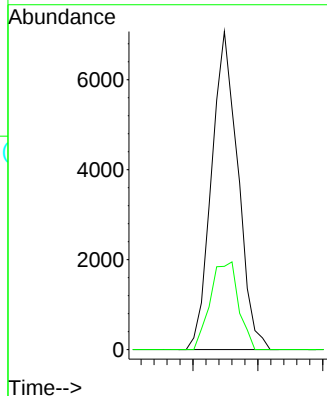
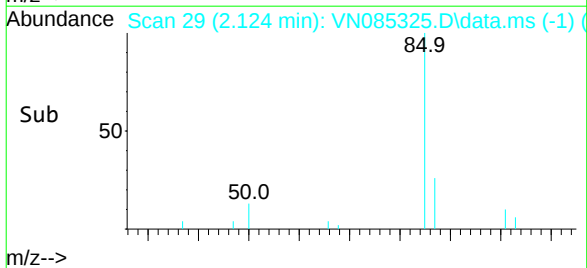
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



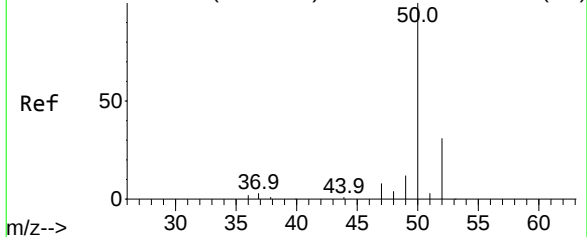
#2
Dichlorodifluoromethane
Concen: 4.983 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01



Tgt Ion: 85 Resp: 9959
Ion Ratio Lower Upper
85 100
87 26.2 16.8 50.3



Abundance Scan 69 (2.359 min): VN085322.D\data.ms (-62)



#3

Chloromethane

Concen: 4.893 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 50 Resp: 10992

Ion Ratio Lower Upper

50 100

52 27.9 25.1 37.7

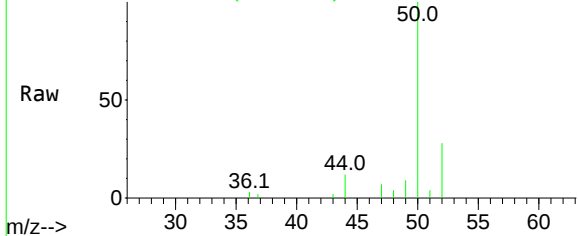
Manual Integrations

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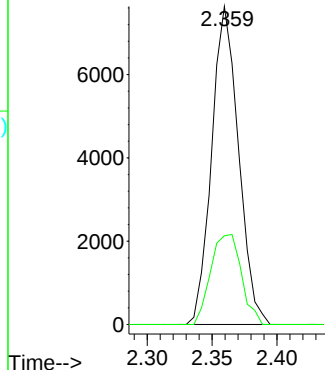
Reviewed By :John Carlone 12/30/2024

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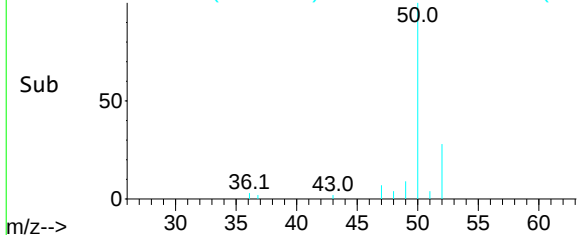
Abundance Scan 69 (2.359 min): VN085325.D\data.ms



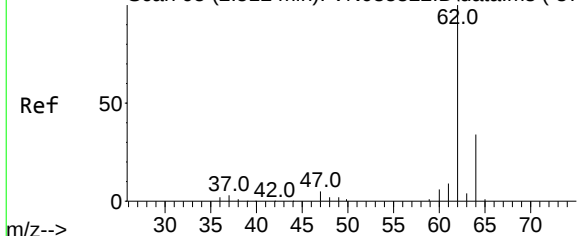
Abundance



Abundance Scan 69 (2.359 min): VN085325.D\data.ms (-18)



Abundance Scan 95 (2.512 min): VN085322.D\data.ms (-87)



#4

Vinyl Chloride

Concen: 5.172 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

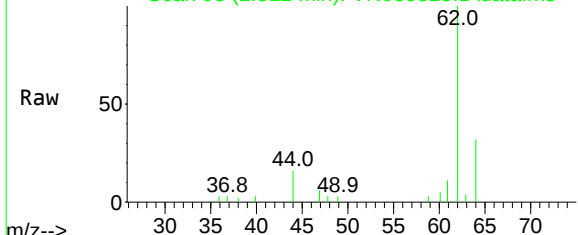
Tgt Ion: 62 Resp: 12286

Ion Ratio Lower Upper

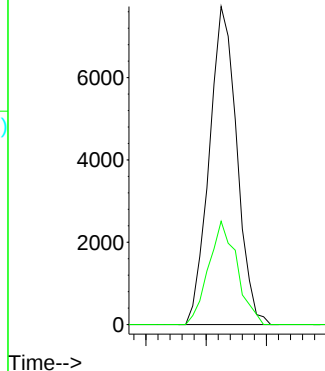
62 100

64 32.5 27.0 40.6

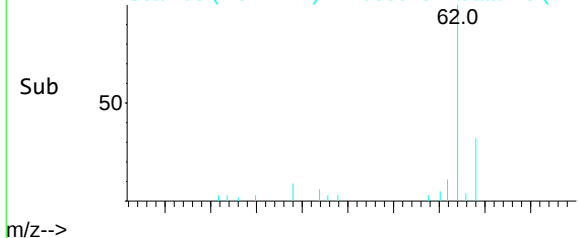
Abundance Scan 95 (2.512 min): VN085325.D\data.ms

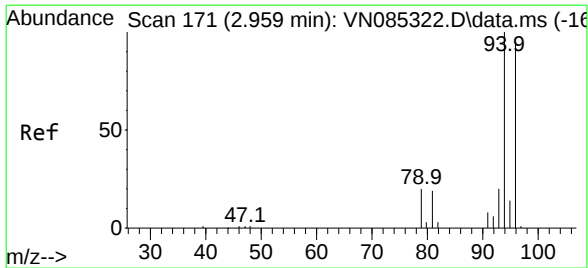


Abundance



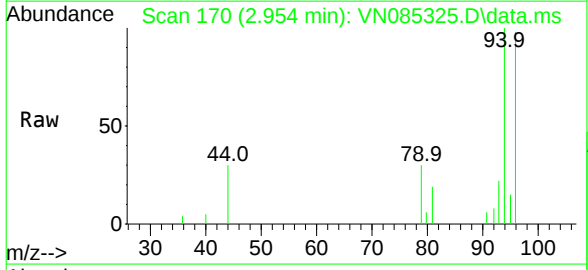
Abundance Scan 95 (2.512 min): VN085325.D\data.ms (-44)





#5
Bromomethane
Concen: 5.616 ug/l
RT: 2.954 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

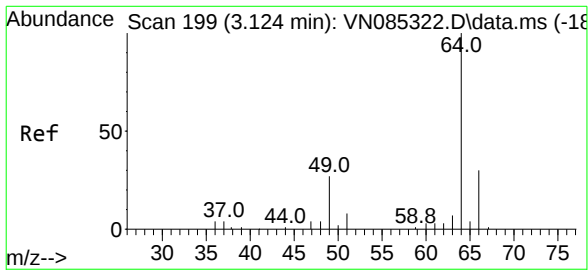
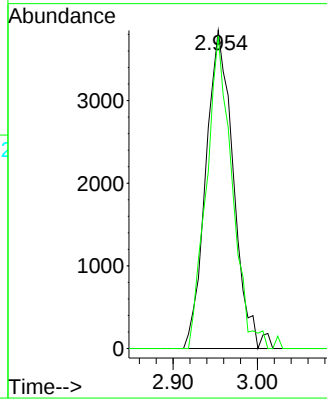
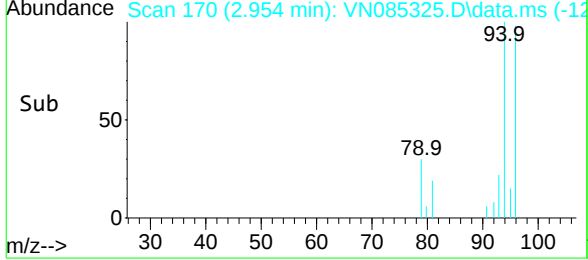
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 8726
Ion Ratio Lower Upper
94 100
96 98.3 75.2 112.8

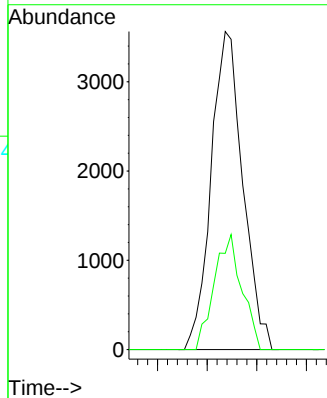
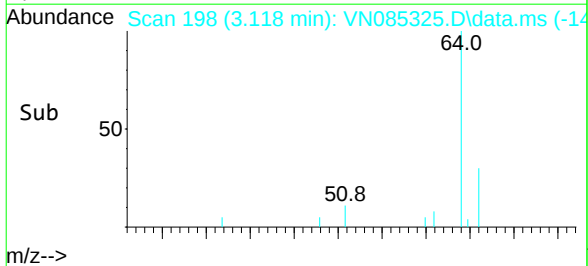
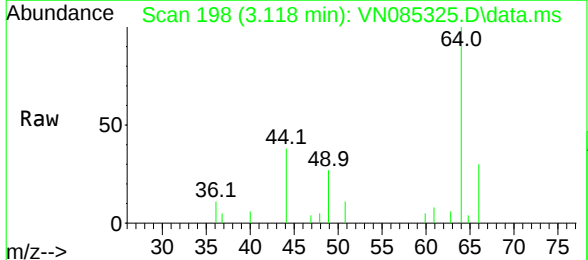
Manual Integrations
APPROVED

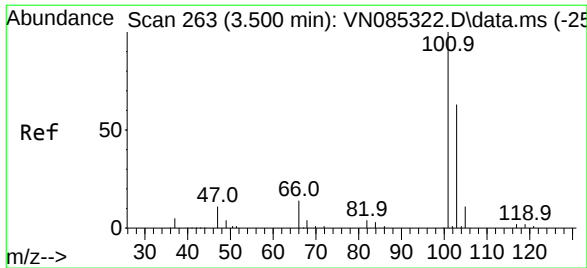
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#6
Chloroethane
Concen: 5.236 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

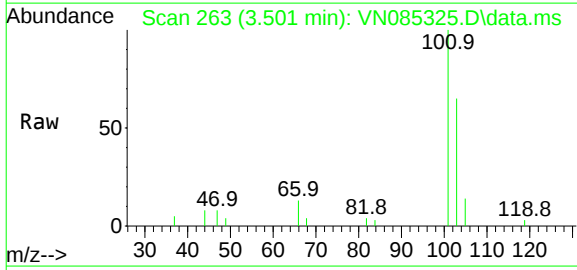
Tgt Ion: 64 Resp: 7888
Ion Ratio Lower Upper
64 100
66 30.3 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 5.099 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085325.D
 Acq: 27 Dec 2024 12:01

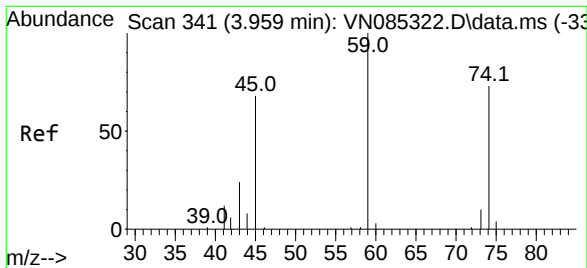
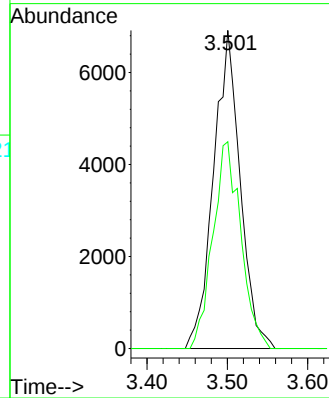
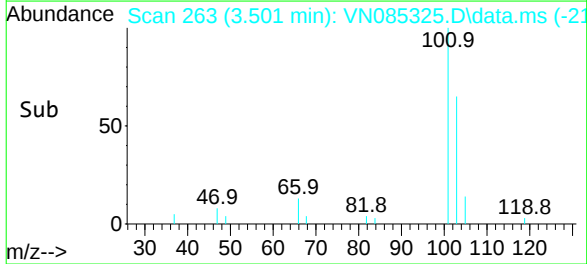
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 15924
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.3 75.5

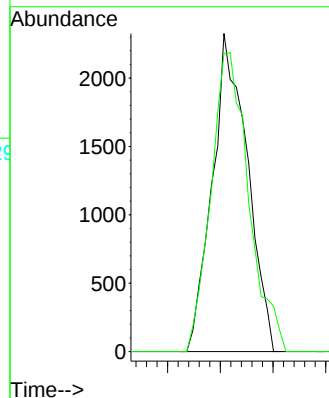
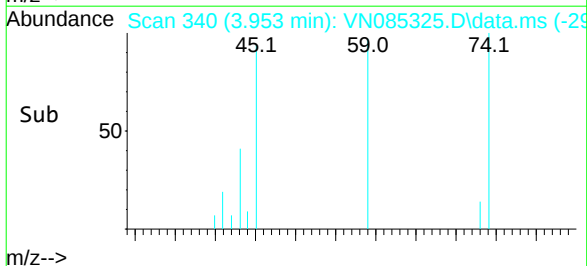
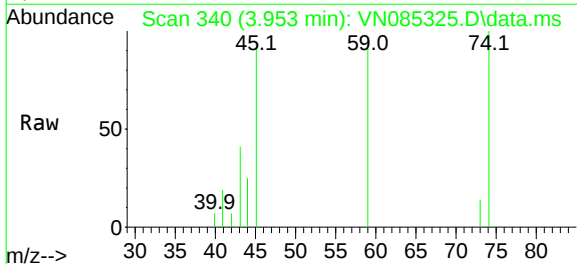
Manual Integrations
 APPROVED

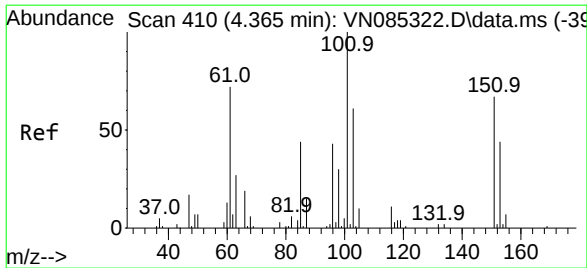
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#8
 Diethyl Ether
 Concen: 5.182 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN085325.D
 Acq: 27 Dec 2024 12:01

Tgt Ion: 74 Resp: 5358
 Ion Ratio Lower Upper
 74 100
 45 101.4 47.5 142.6





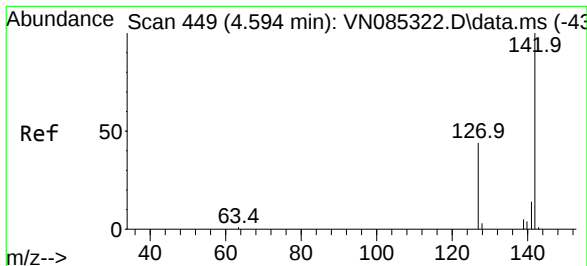
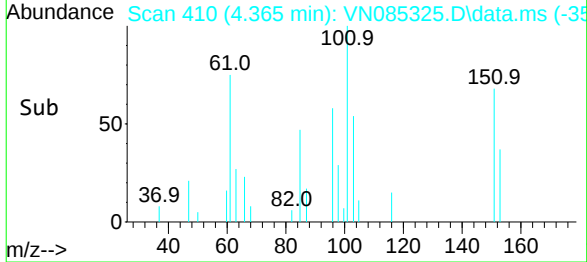
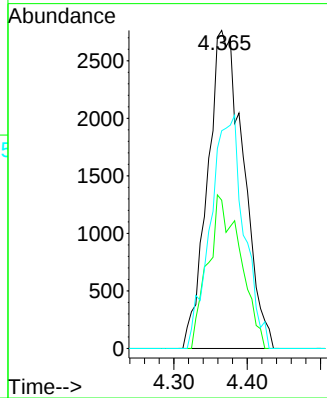
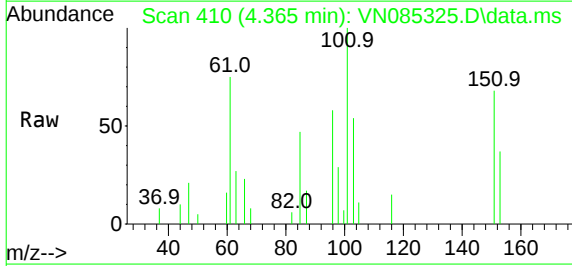
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.270 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.9	36.2	54.4
151	0.0	55.8	83.6#

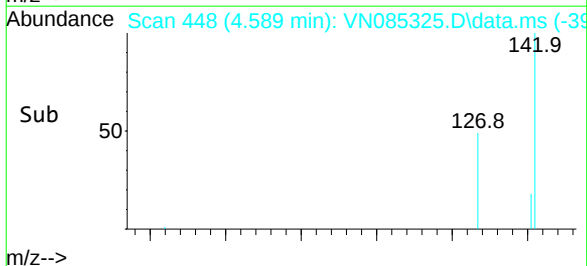
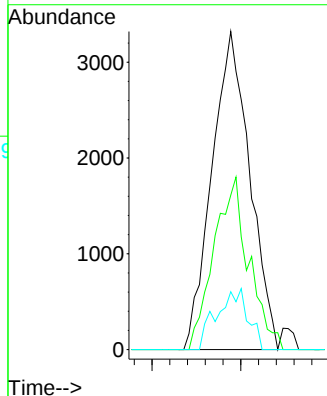
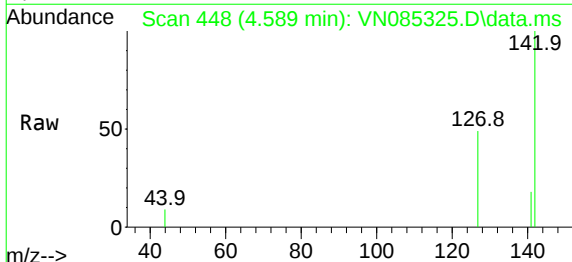
Manual Integrations
APPROVED

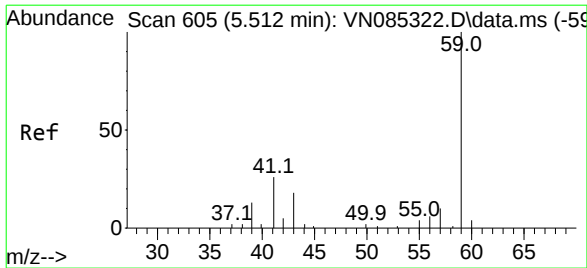
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#10
Methyl Iodide
Concen: 4.788 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.5	35.3	52.9
141	18.2	11.5	17.3#





#11

Tert butyl alcohol

Concen: 27.007 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 7128

Ion Ratio Lower Upper

59 100

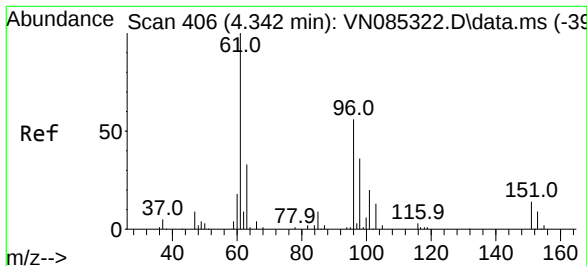
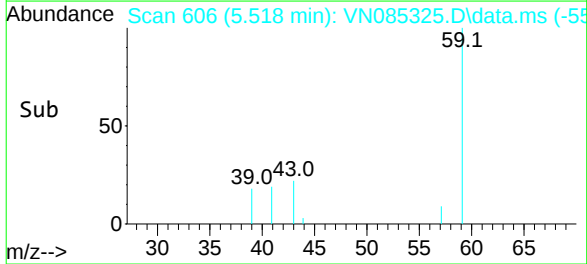
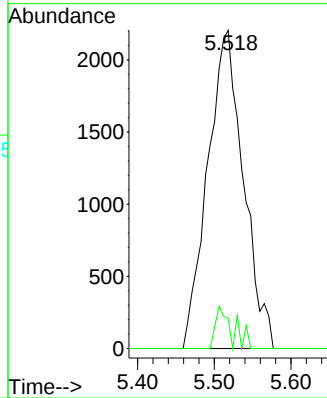
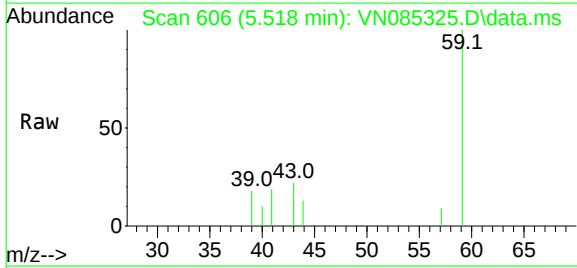
57 4.3 8.1 12.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#12

1,1-Dichloroethene

Concen: 5.379 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

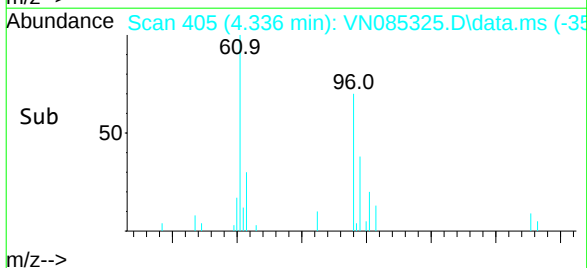
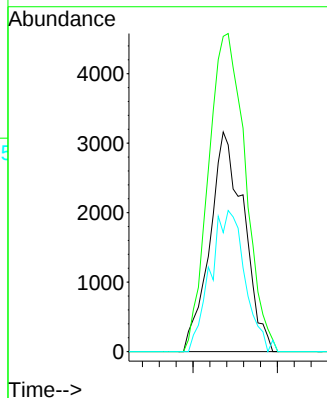
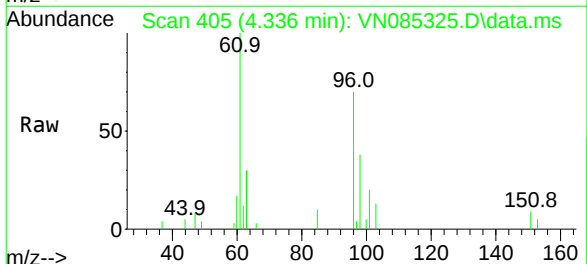
Tgt Ion: 96 Resp: 8833

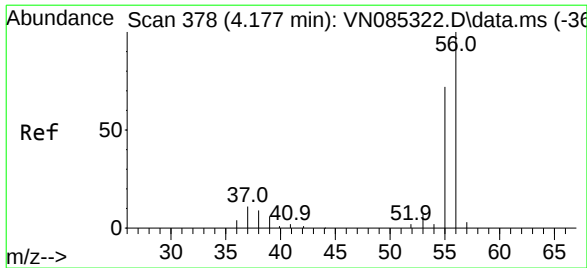
Ion Ratio Lower Upper

96 100

61 143.5 142.4 213.6

98 54.2 51.5 77.3





#13

Acrolein

Concen: 27.485 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 11310

Ion Ratio Lower Upper

56 100

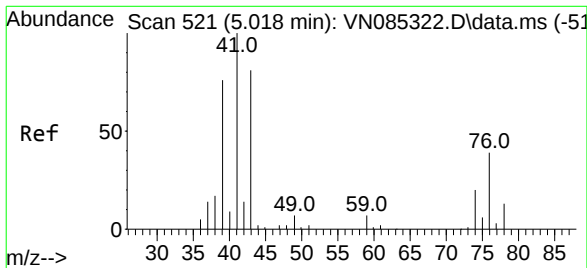
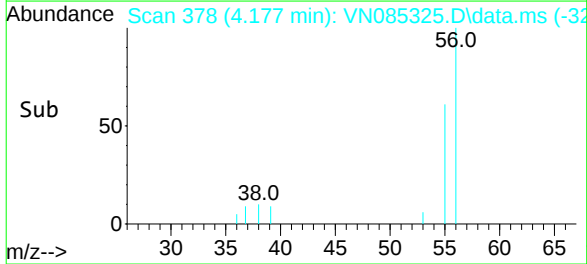
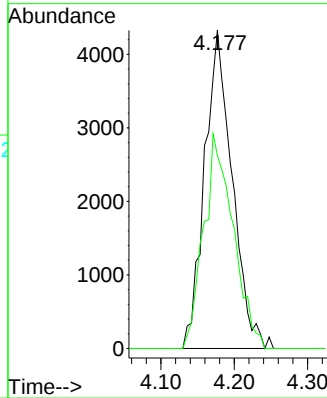
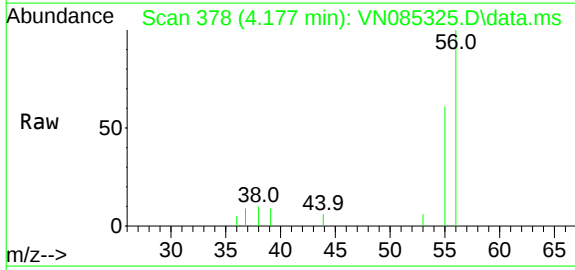
55 72.2 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#14

Allyl chloride

Concen: 5.004 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

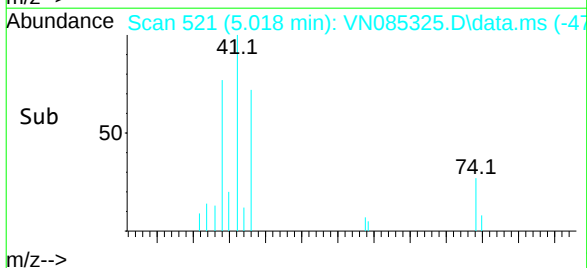
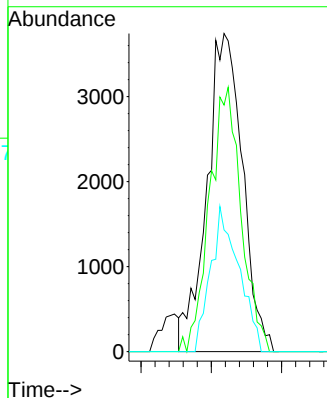
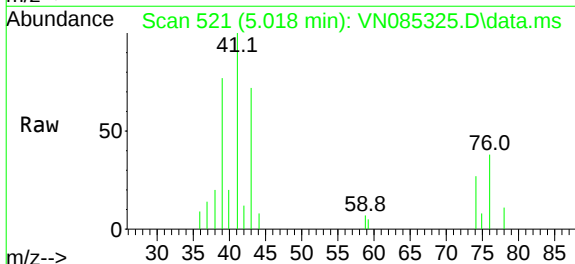
Tgt Ion: 41 Resp: 13153

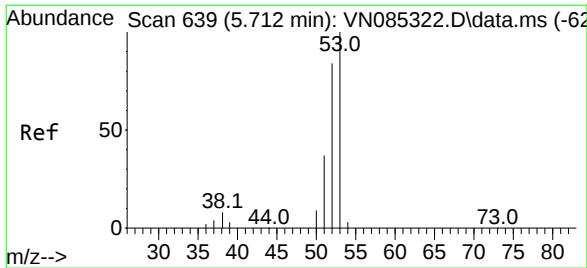
Ion Ratio Lower Upper

41 100

39 74.0 64.4 96.6

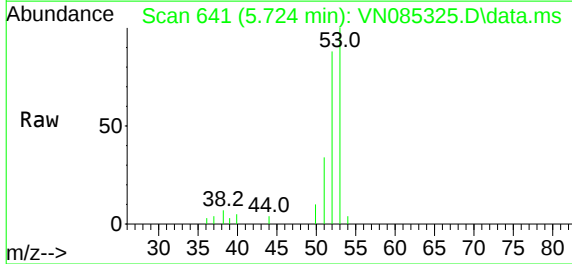
76 36.2 31.5 47.3





#15
Acrylonitrile
Concen: 24.737 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

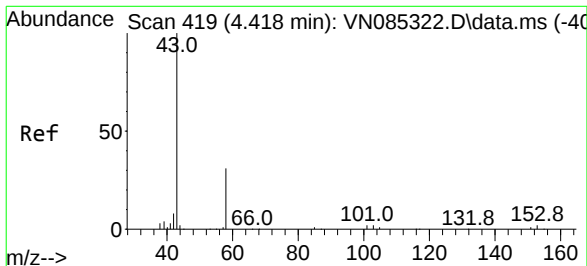
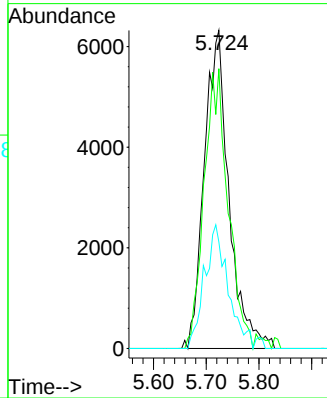
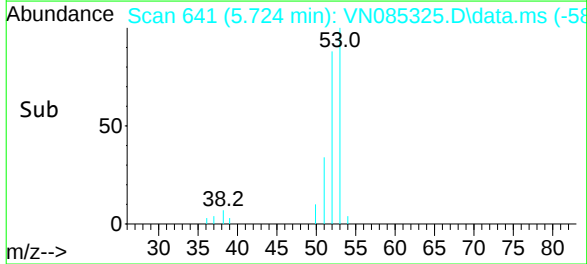
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



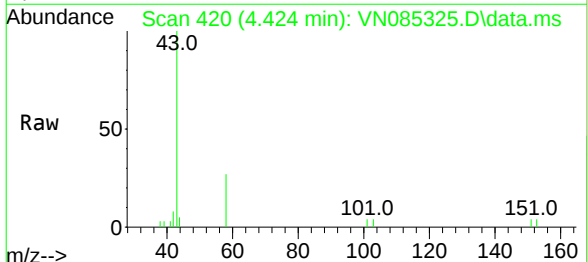
Tgt Ion: 53 Resp: 20549
Ion Ratio Lower Upper
53 100
52 85.6 66.6 100.0
51 37.1 29.6 44.4

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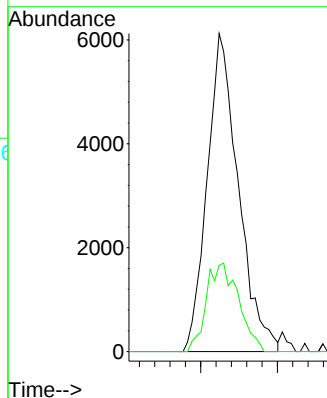
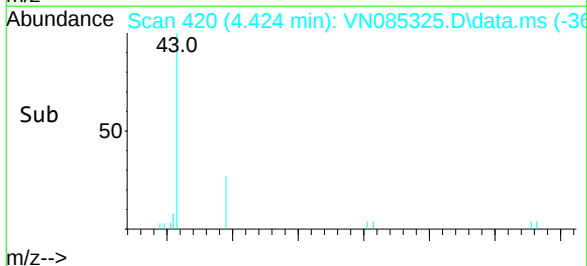
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

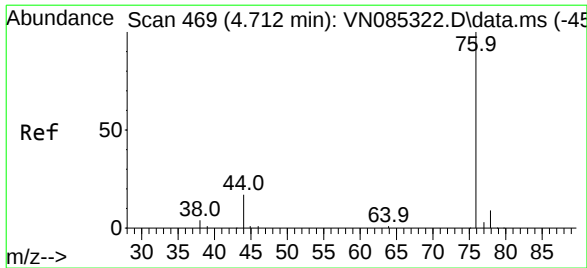


#16
Acetone
Concen: 24.926 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01



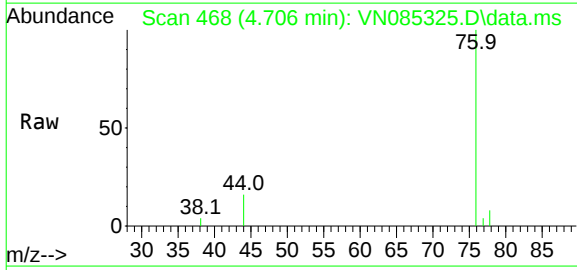
Tgt Ion: 43 Resp: 17276
Ion Ratio Lower Upper
43 100
58 27.2 24.5 36.7





#17
Carbon Disulfide
Concen: 5.035 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

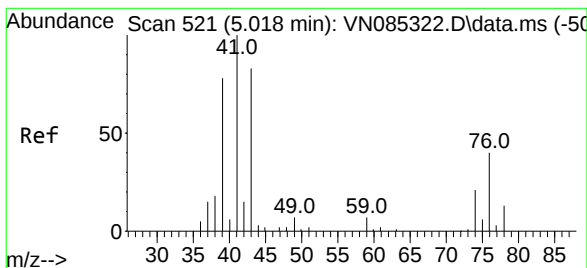
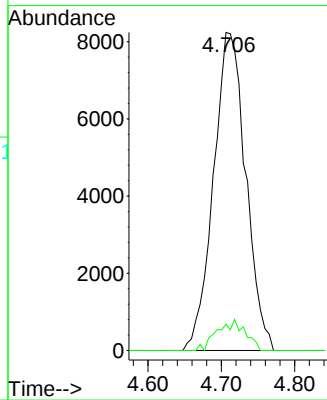
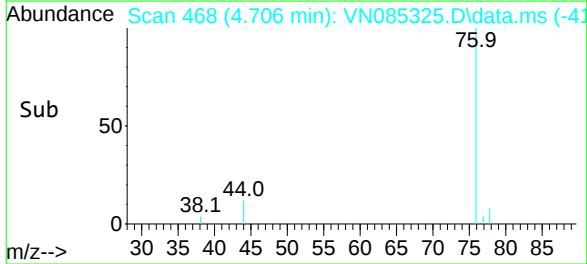
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 25152
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

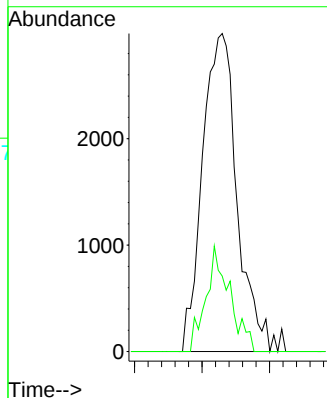
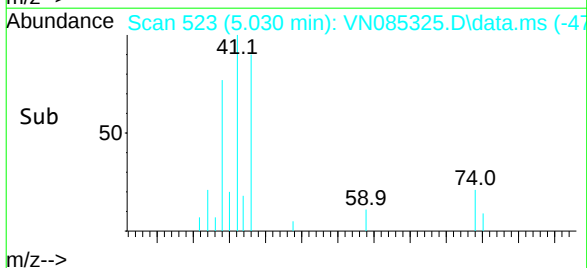
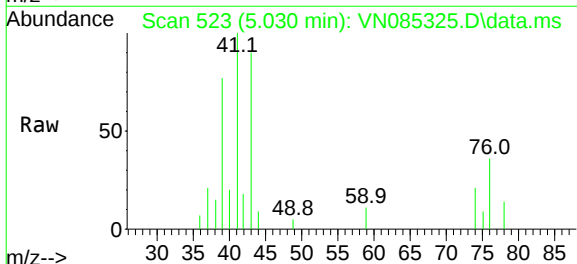
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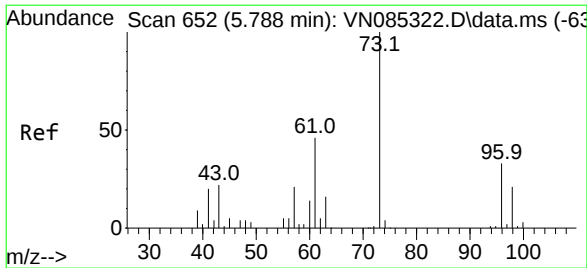
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#18
Methyl Acetate
Concen: 5.009 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion: 43 Resp: 10628
Ion Ratio Lower Upper
43 100
74 23.0 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 4.945 ug/l

RT: 5.795 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 73 Resp: 26395

Ion Ratio Lower Upper

73 100

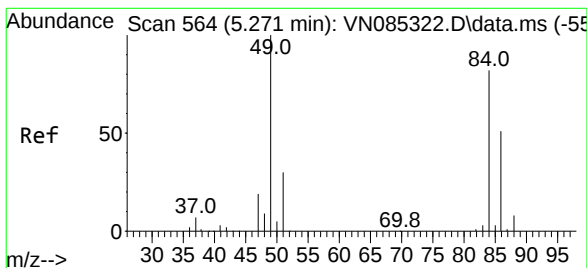
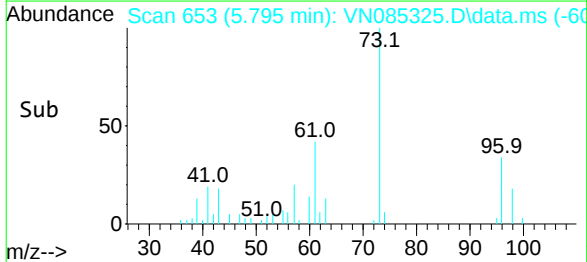
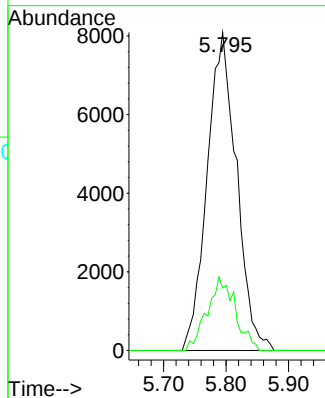
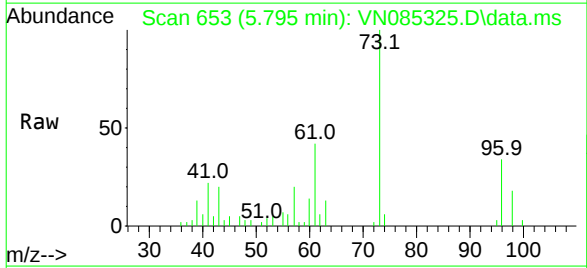
57 19.7 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#20

Methylene Chloride

Concen: 5.096 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Tgt Ion: 84 Resp: 9500

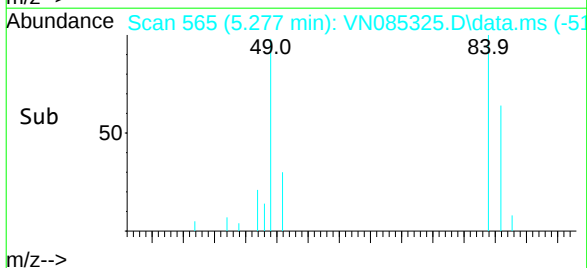
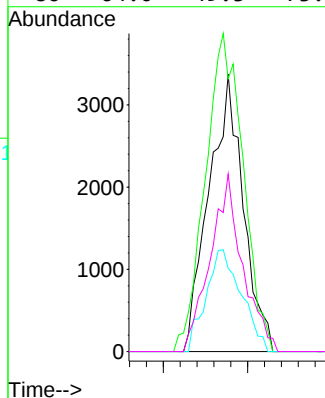
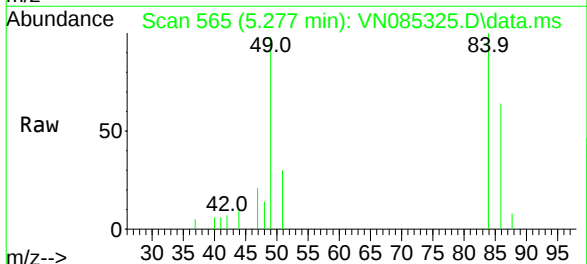
Ion Ratio Lower Upper

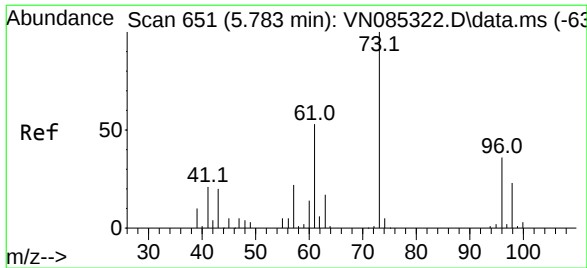
84 100

49 98.3 97.6 146.4

51 30.0 29.1 43.7

86 64.0 49.3 73.9





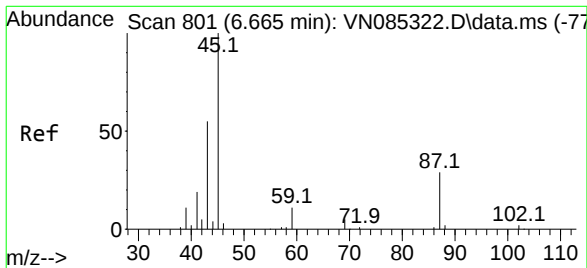
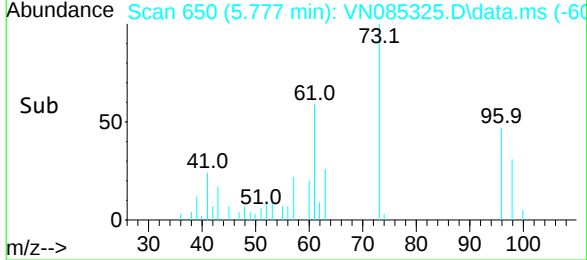
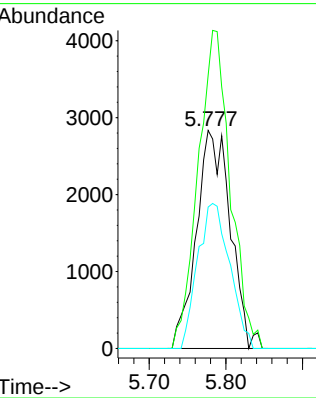
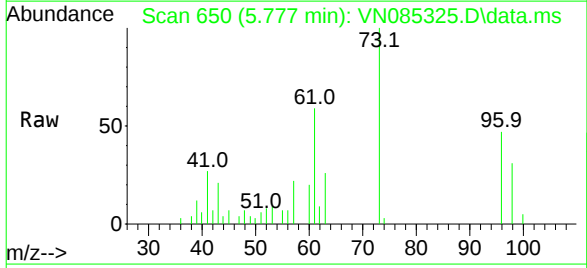
#21
trans-1,2-Dichloroethene
Concen: 5.085 ug/l
RT: 5.777 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 8724
Ion Ratio Lower Upper
96 100
61 125.3 118.0 177.0
98 64.9 50.6 75.8

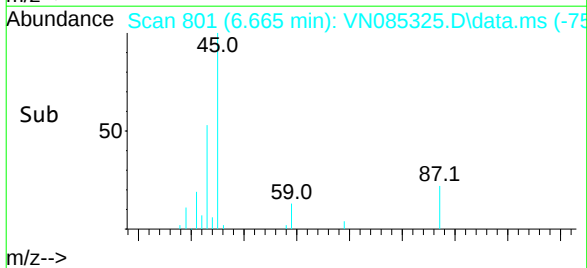
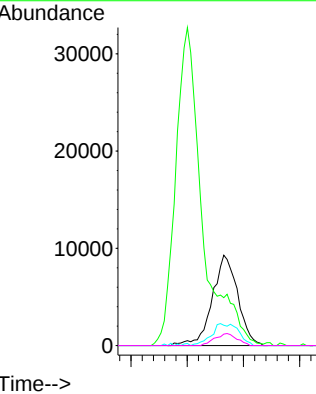
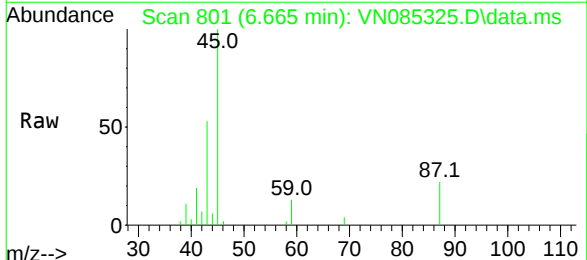
Manual Integrations
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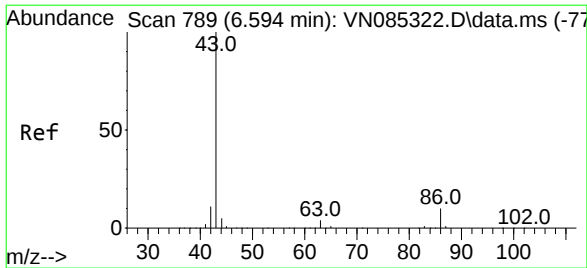
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#22
Diisopropyl ether
Concen: 5.165 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion: 45 Resp: 29256
Ion Ratio Lower Upper
45 100
43 49.8 44.1 66.1
87 22.5 23.2 34.8#
59 12.7 9.0 13.6





#23

Vinyl Acetate

Concen: 24.429 ug/l m

RT: 6.600 min Scan# 79

Delta R.T. 0.006 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 99465

Ion Ratio Lower Upper

43 100

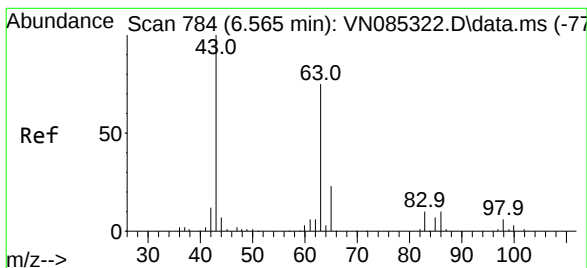
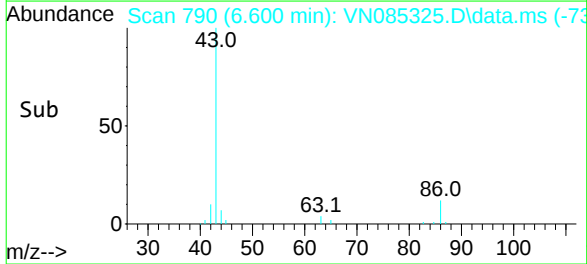
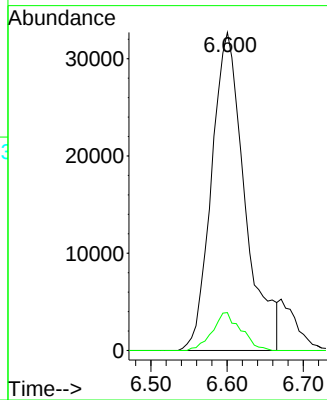
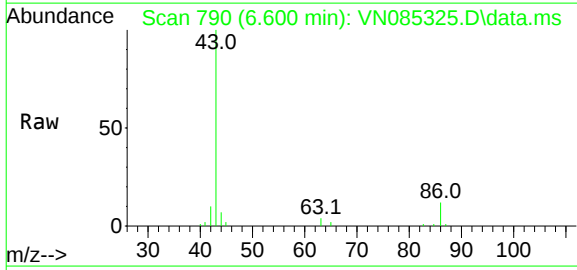
86 11.9 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#24

1,1-Dichloroethane

Concen: 5.067 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.006 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

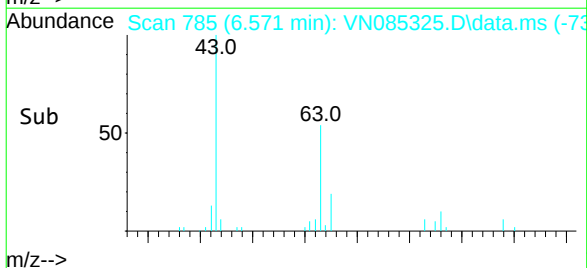
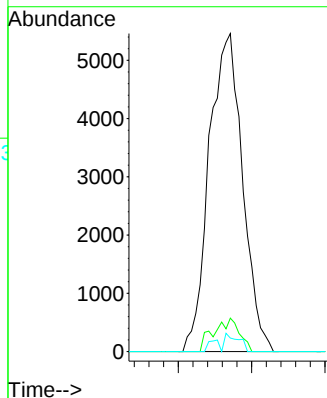
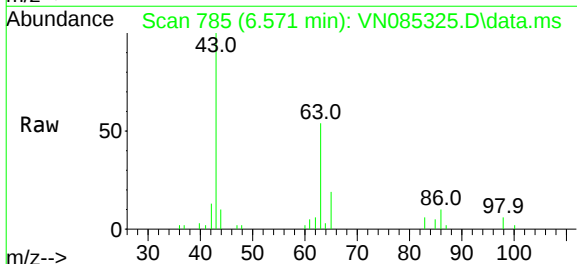
Tgt Ion: 63 Resp: 17288

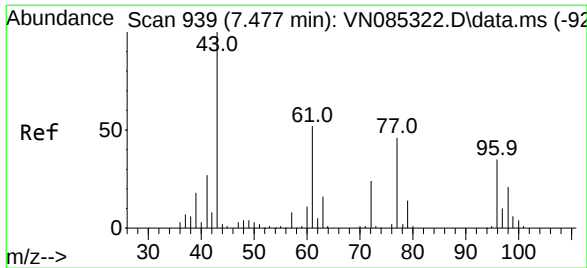
Ion Ratio Lower Upper

63 100

98 10.5 3.7 11.1

100 4.2 2.3 6.8





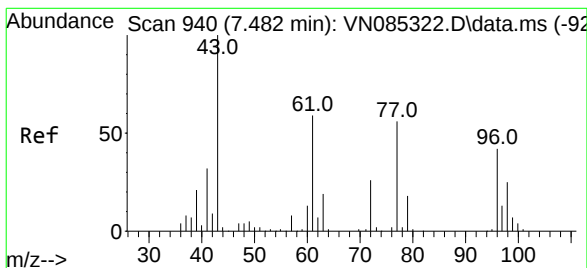
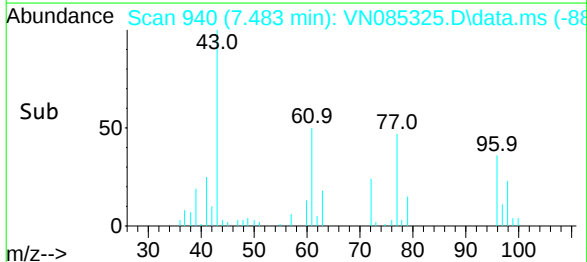
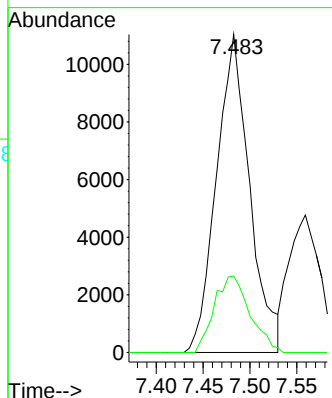
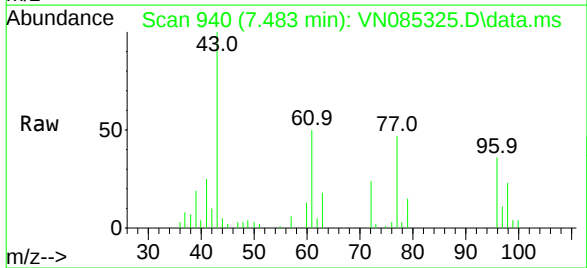
#25
2-Butanone
Concen: 25.274 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 27176
Ion Ratio Lower Upper
43 100
72 24.1 19.6 29.4

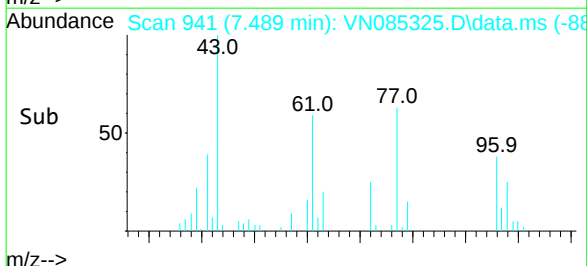
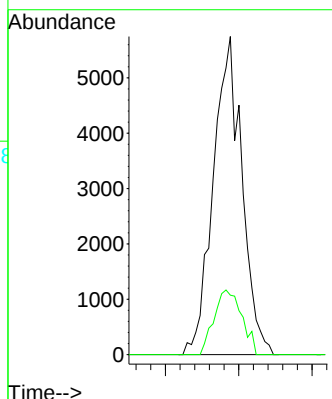
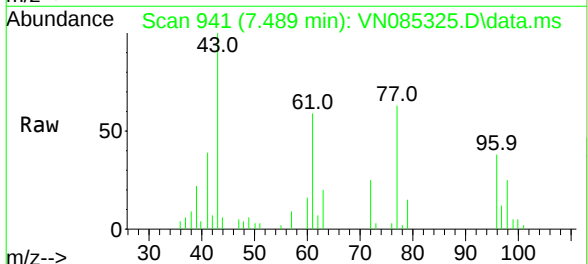
Manual Integrations
APPROVED

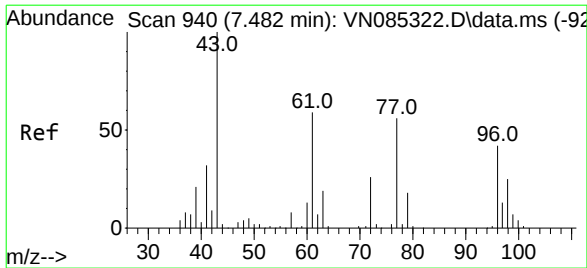
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#26
2,2-Dichloropropane
Concen: 5.225 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion: 77 Resp: 15617
Ion Ratio Lower Upper
77 100
97 19.6 10.6 31.8





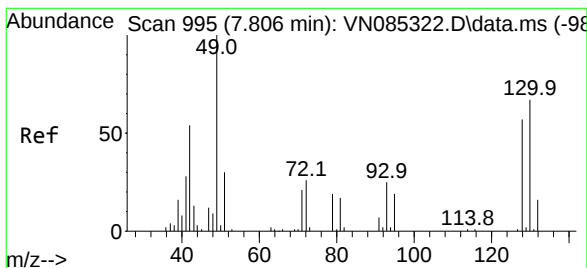
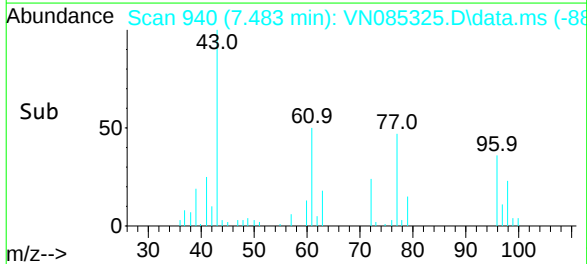
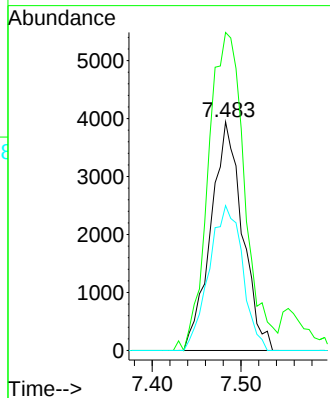
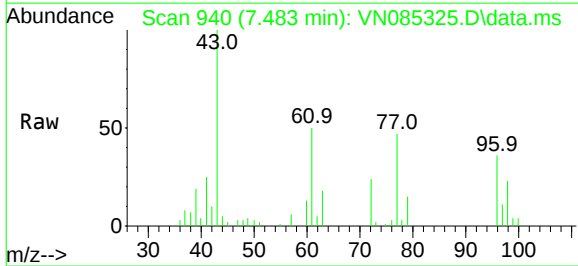
#27
cis-1,2-Dichloroethene
Concen: 4.856 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 9778
Ion Ratio Lower Upper
96 100
61 159.5 0.0 296.4
98 66.9 0.0 124.2

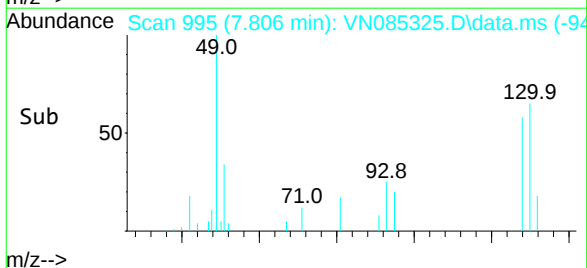
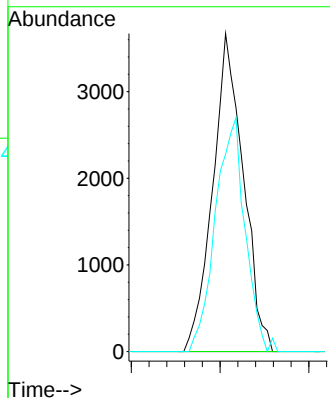
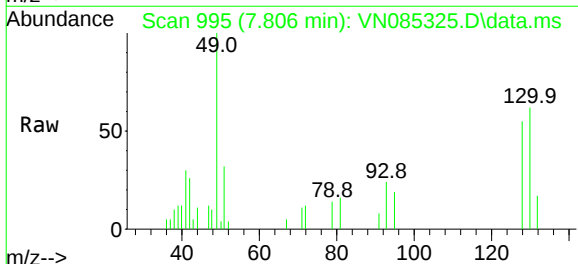
Manual Integrations
APPROVED

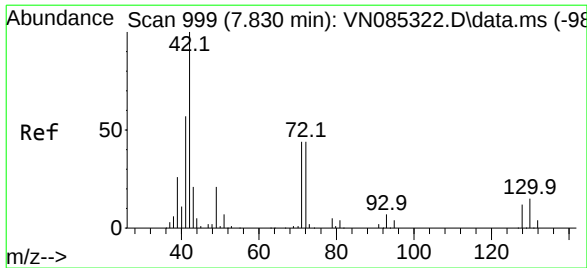
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#28
Bromochloromethane
Concen: 5.537 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion: 49 Resp: 8779
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.0
130 71.4 0.0 0.0#





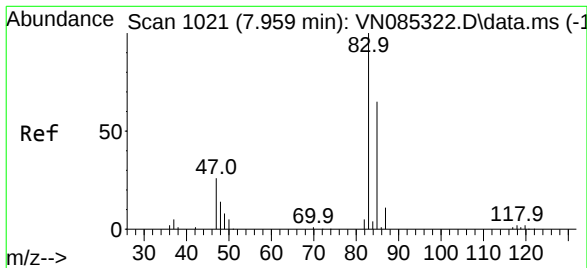
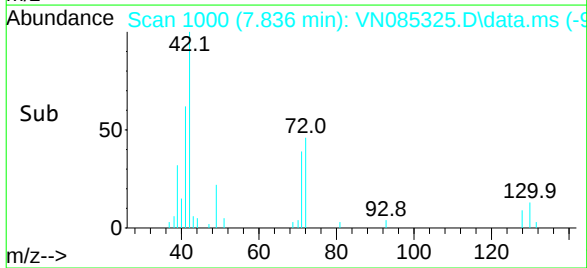
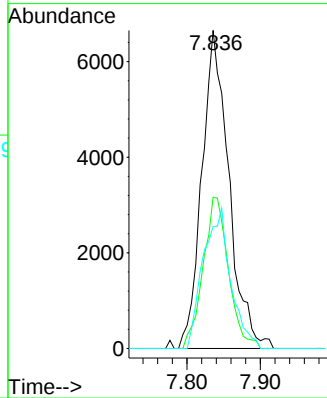
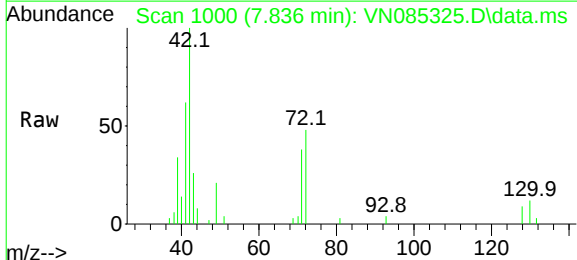
#29
Tetrahydrofuran
Concen: 24.557 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 17009
Ion Ratio Lower Upper
42 100
72 44.8 35.1 52.7
71 44.8 33.4 50.0

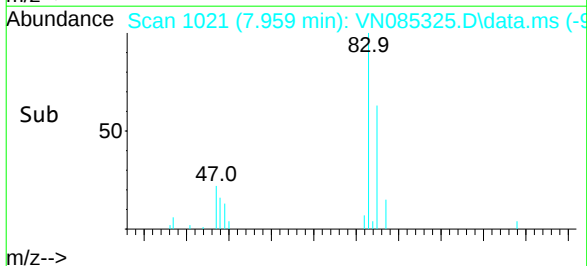
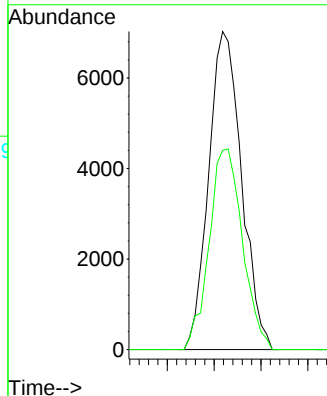
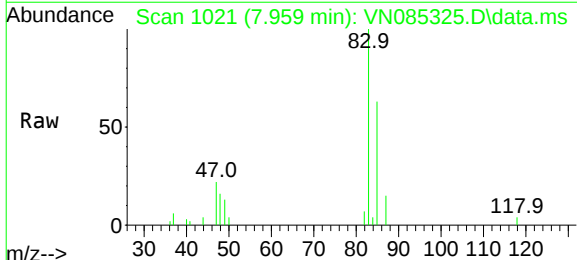
Manual Integrations
APPROVED

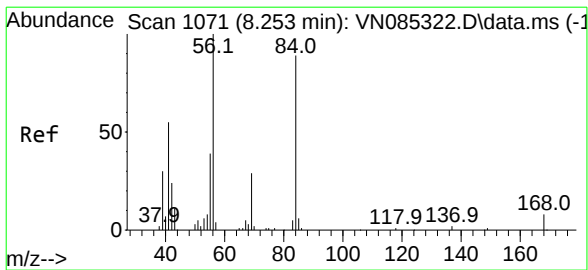
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#30
Chloroform
Concen: 4.909 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

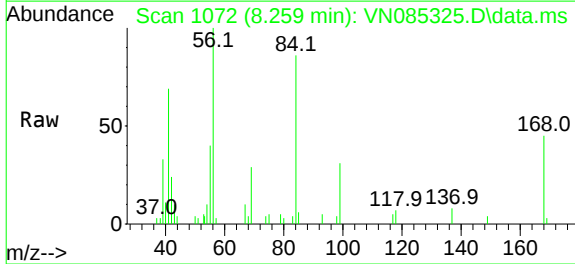
Tgt Ion: 83 Resp: 17135
Ion Ratio Lower Upper
83 100
85 62.6 52.0 78.0





#31
Cyclohexane
Concen: 5.672 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

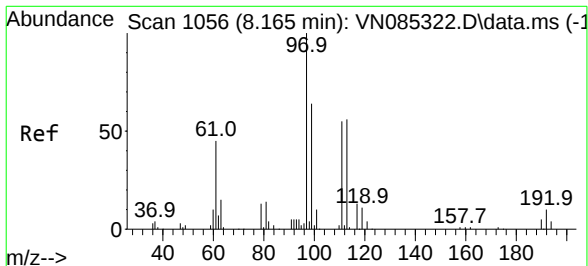
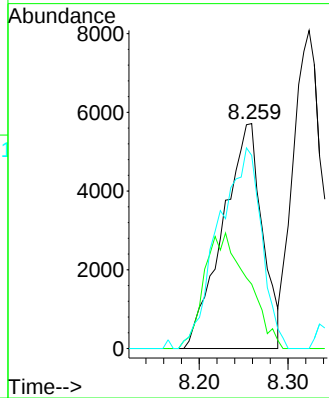
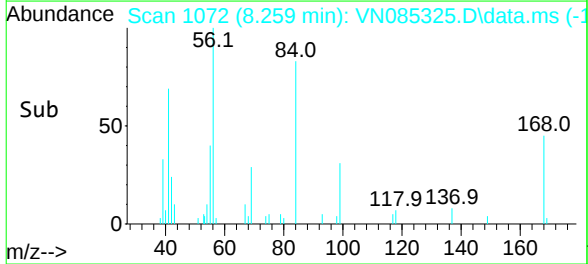
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



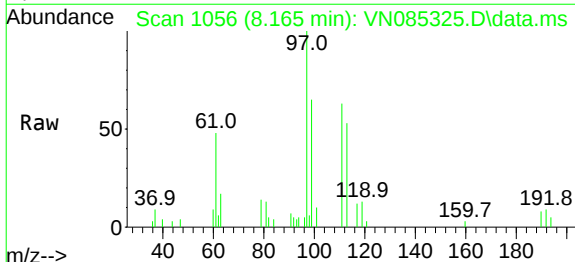
Tgt Ion: 56 Resp: 17671
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.0
84 85.8 71.0 106.6

Manual Integrations
APPROVED

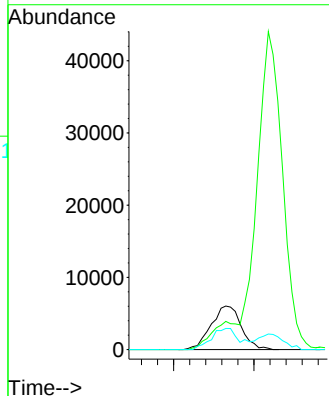
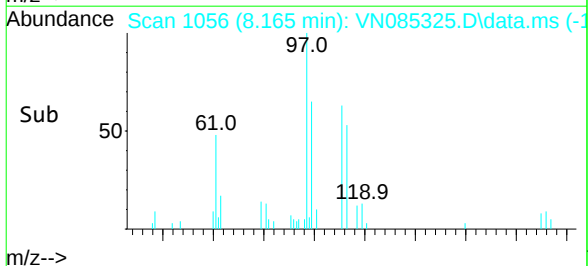
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

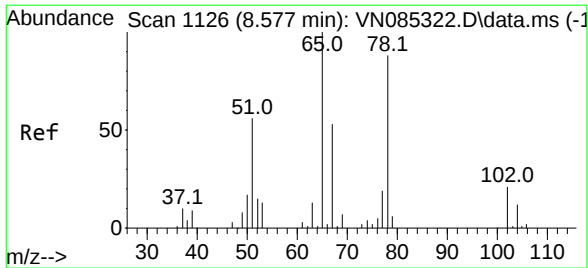


#32
1,1,1-Trichloroethane
Concen: 5.035 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01



Tgt Ion: 97 Resp: 15694
Ion Ratio Lower Upper
97 100
99 51.9 53.3 79.9#
61 45.1 39.6 59.4





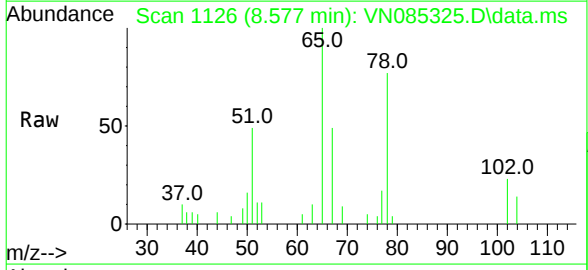
#33
1,2-Dichloroethane-d4
Concen: 5.307 ug/l
RT: 8.577 min Scan# 11186
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :

MSVOA_N

ClientSampleId :

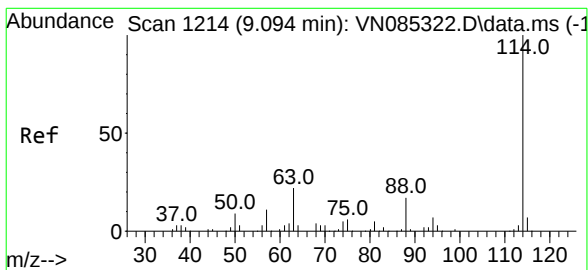
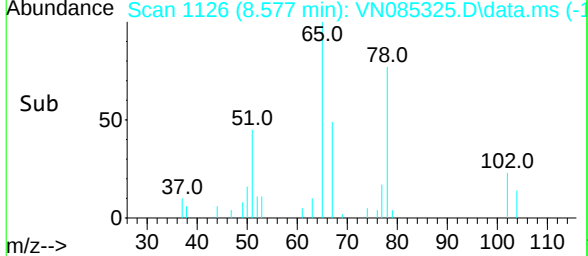
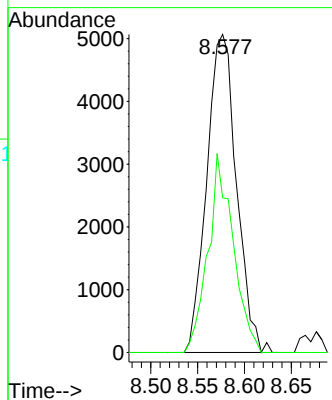
VSTDICC005



Tgt Ion: 65 Resp: 11186
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0

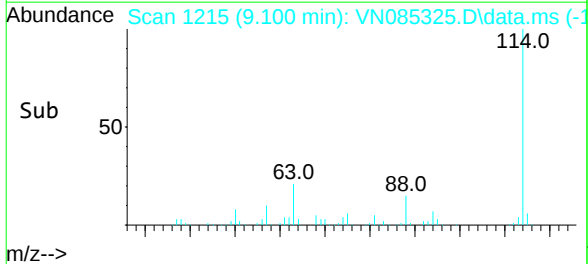
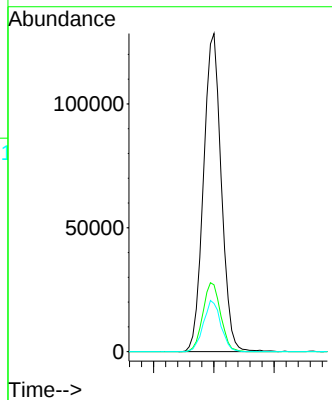
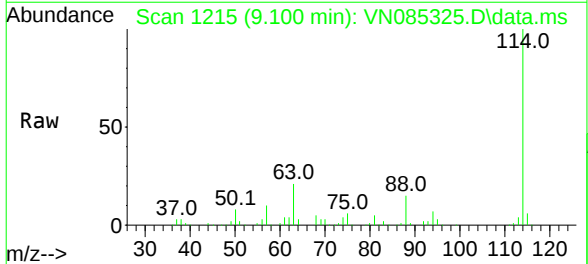
Manual Integrations
APPROVED

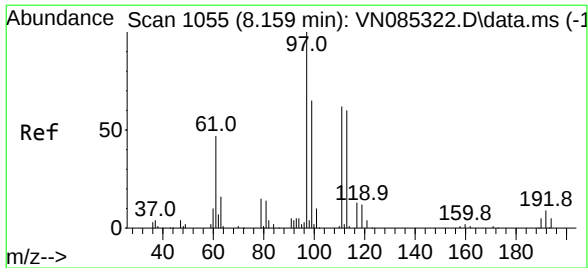
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

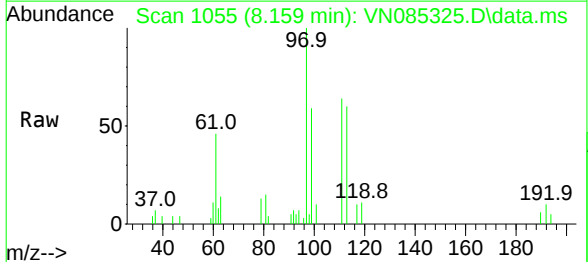
Tgt Ion:114 Resp: 263044
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.4
88 15.1 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 5.291 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VN085325.D
 Acq: 27 Dec 2024 12:01

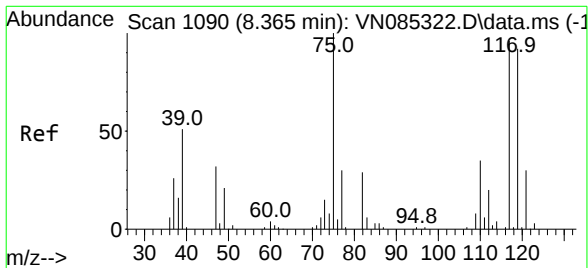
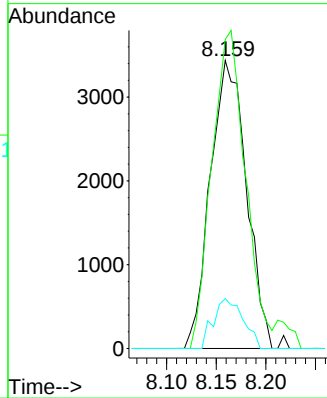
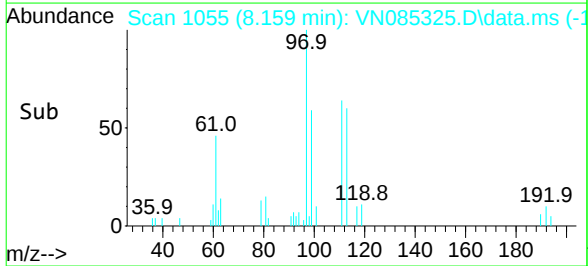
Instrument : MSVOA_N
 ClientSampleId : VSTDIC005



Tgt Ion:	113	Resp:	8683
Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.5	120.7
192	14.3	12.9	19.3

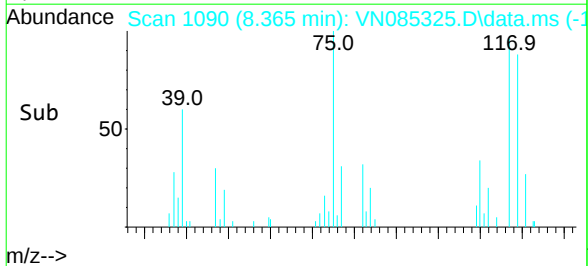
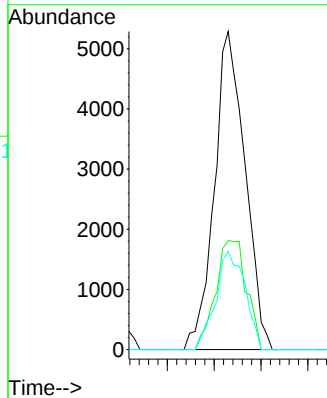
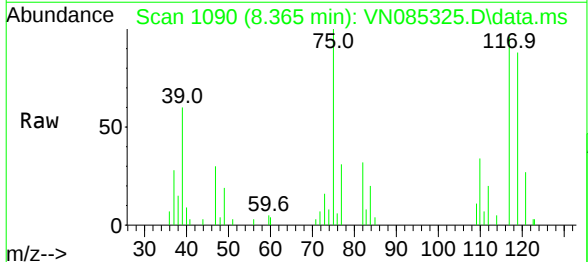
Manual Integrations
 APPROVED

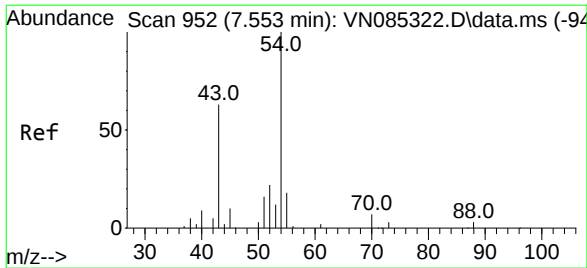
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#36
 1,1-Dichloropropene
 Concen: 5.001 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN085325.D
 Acq: 27 Dec 2024 12:01

Tgt Ion:	75	Resp:	12017
Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.6	49.8
77	29.5	24.3	36.5





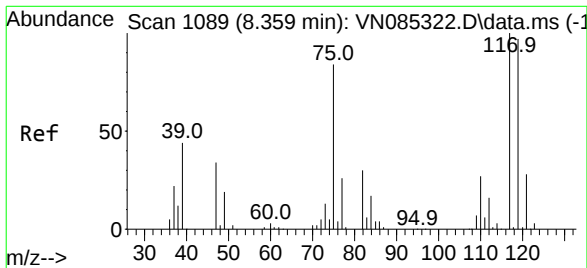
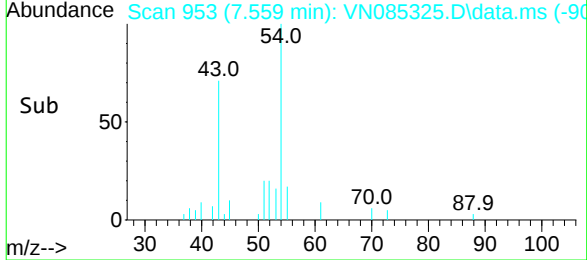
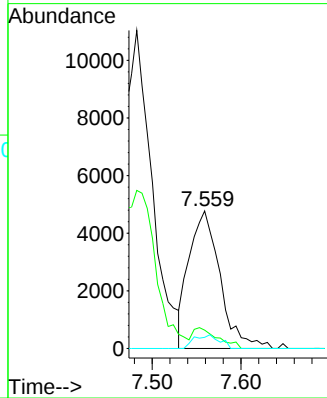
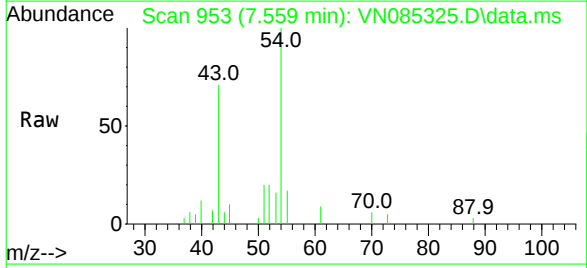
#37
Ethyl Acetate
Concen: 4.877 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 11648
Ion Ratio Lower Upper
43 100
61 11.8 10.4 15.6
70 7.9 8.2 12.2#

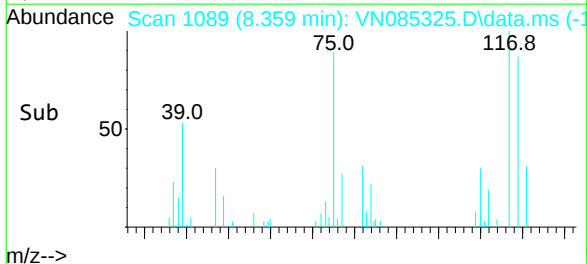
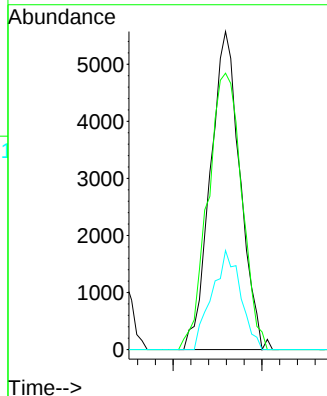
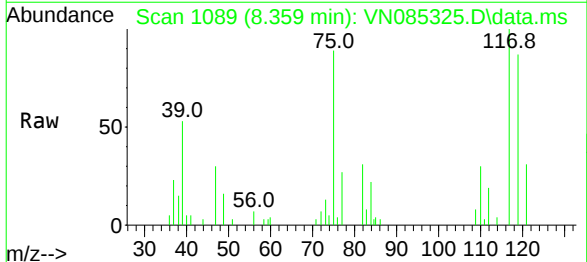
Manual Integrations
APPROVED

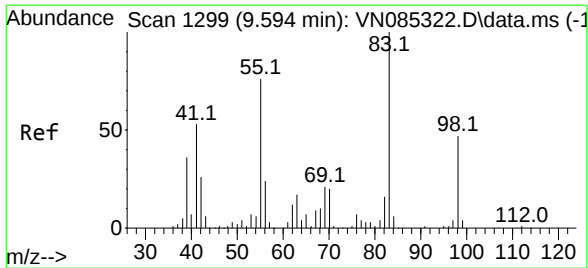
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#38
Carbon Tetrachloride
Concen: 4.945 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

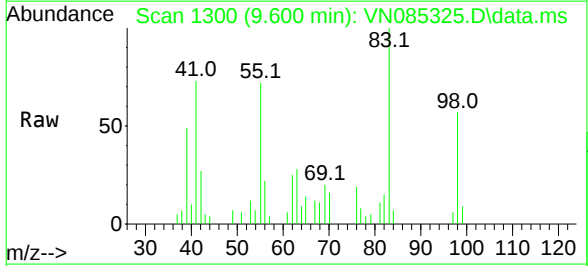
Tgt Ion:117 Resp: 12952
Ion Ratio Lower Upper
117 100
119 86.9 77.8 116.6
121 31.2 22.5 33.7





#39
Methylcyclohexane
Concen: 4.746 ug/l
RT: 9.600 min Scan# 13
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

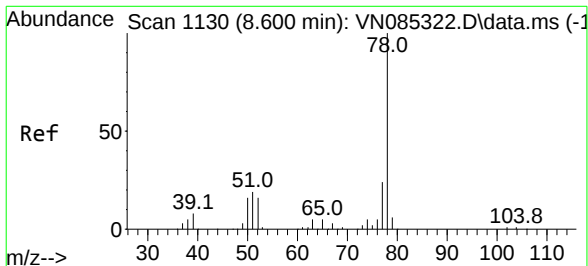
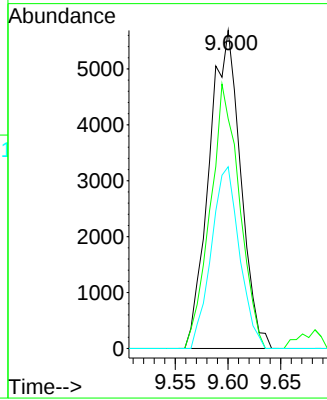
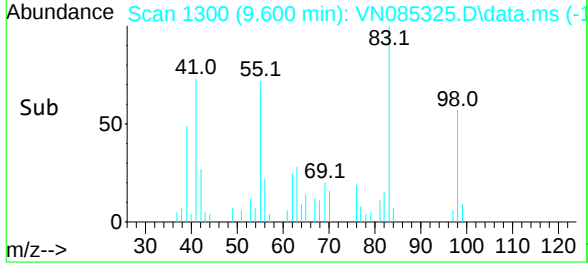
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 11831
Ion Ratio Lower Upper
83 100
55 72.2 60.7 91.1
98 57.1 37.7 56.5#

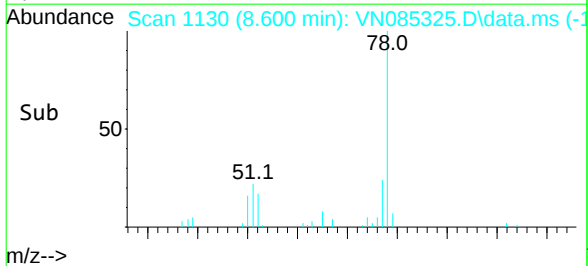
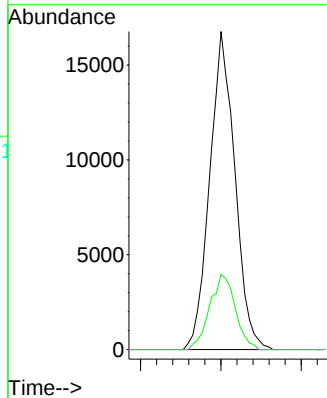
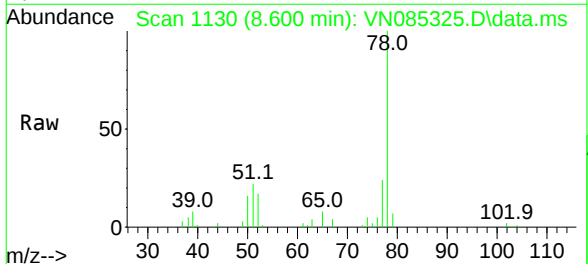
Manual Integrations
APPROVED

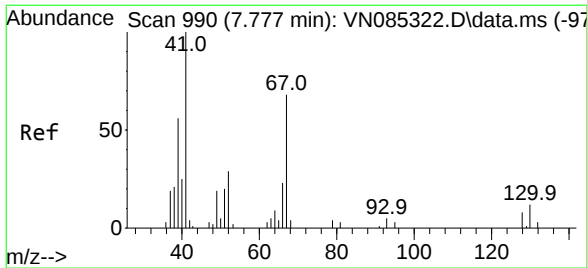
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#40
Benzene
Concen: 5.021 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion: 78 Resp: 36472
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





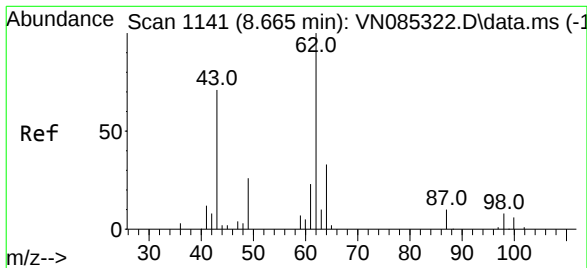
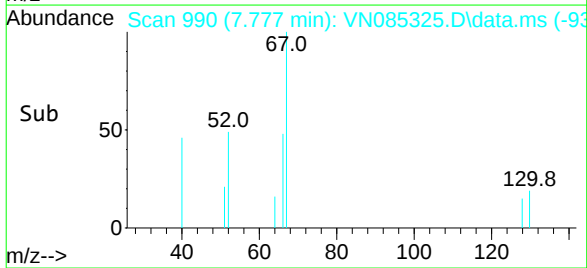
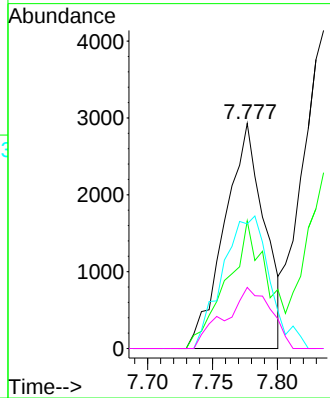
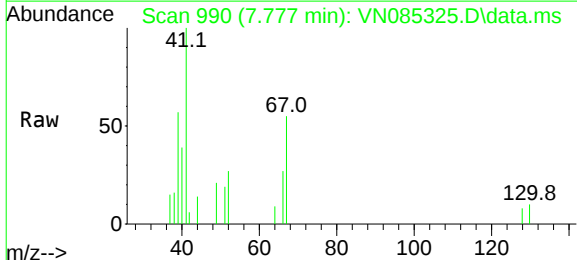
#41
Methacrylonitrile
Concen: 5.104 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	6242
Ion	Ratio	Lower	Upper
41	100		
39	58.3	45.8	68.8
67	69.7	57.1	85.7
52	31.2	25.1	37.7

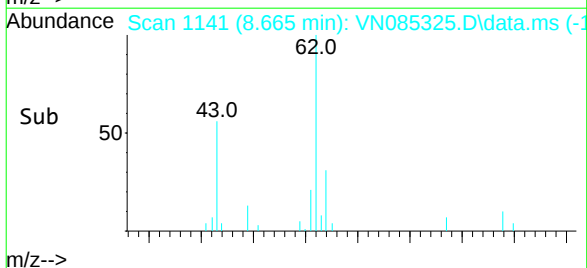
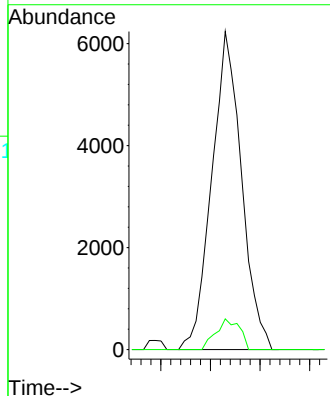
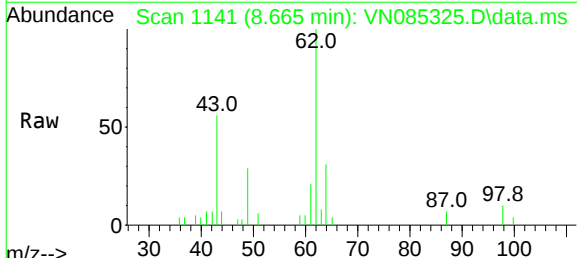
Manual Integrations
APPROVED

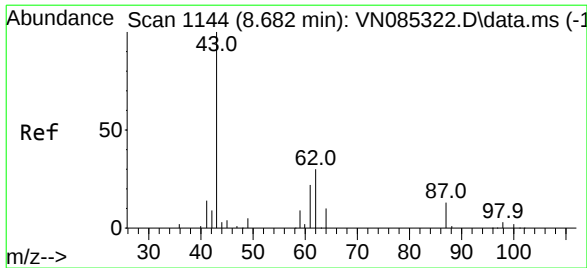
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#42
1,2-Dichloroethane
Concen: 4.983 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion:	62	Resp:	12978
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	17.6





#43

Isopropyl Acetate

Concen: 4.814 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

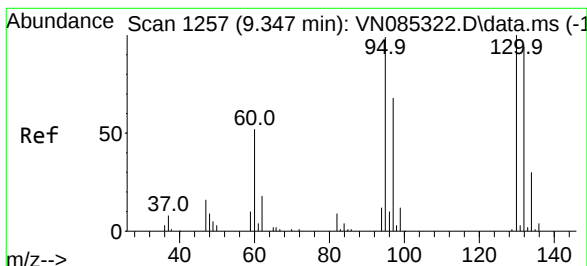
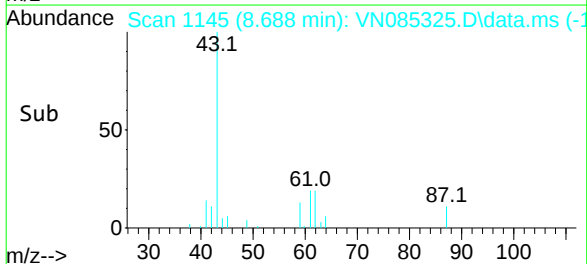
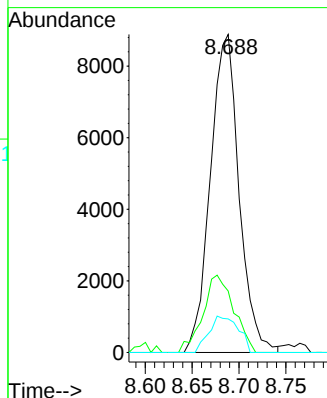
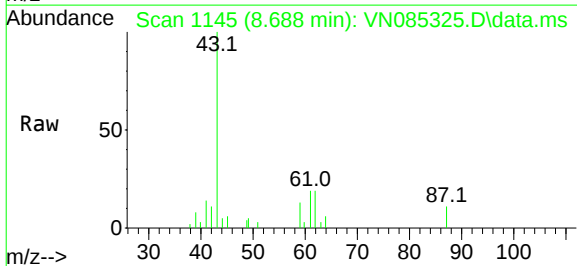
Tgt Ion:	43	Resp:	18930
Ion	Ratio	Lower	Upper
43	100		
61	26.2	20.8	31.2
87	11.7	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#44

Trichloroethene

Concen: 4.961 ug/l

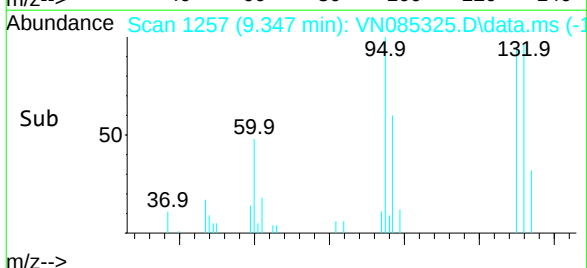
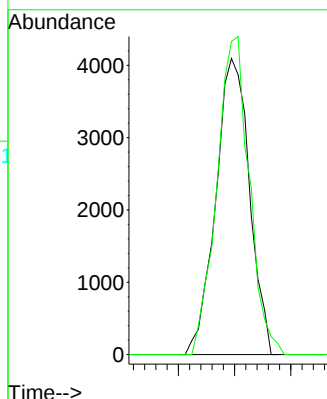
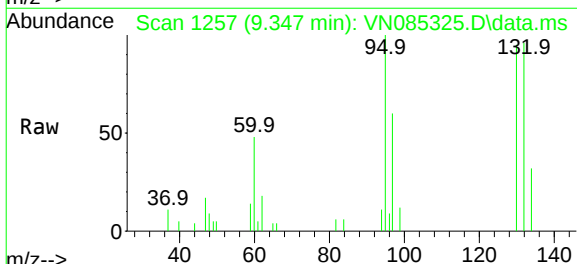
RT: 9.347 min Scan# 1257

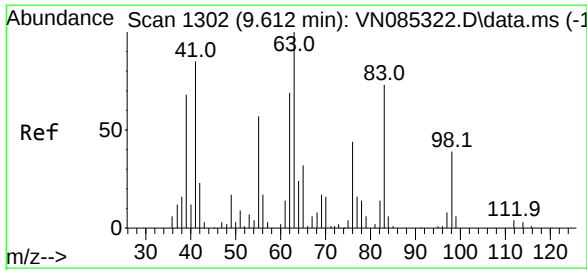
Delta R.T. 0.000 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Tgt Ion:	130	Resp:	8533
Ion	Ratio	Lower	Upper
130	100		
95	105.8	0.0	197.8





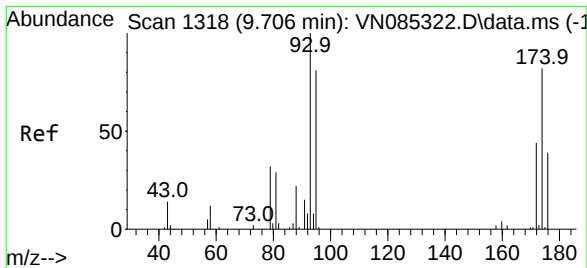
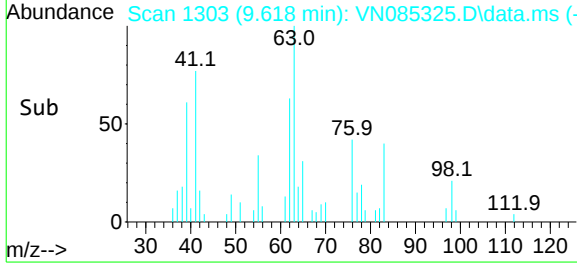
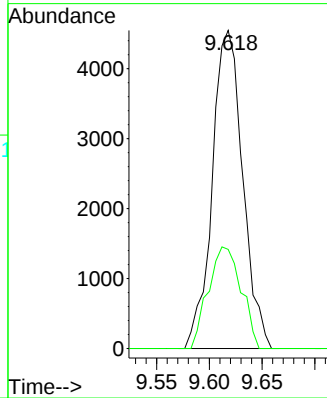
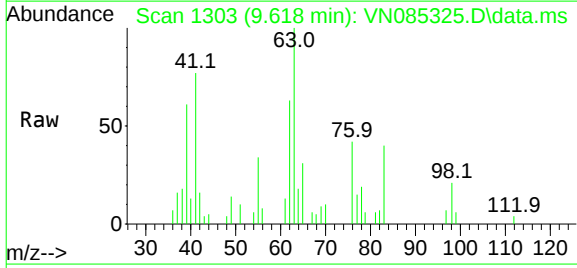
#45
1,2-Dichloropropane
Concen: 4.958 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 9143
Ion Ratio Lower Upper
63 100
65 31.2 25.5 38.3

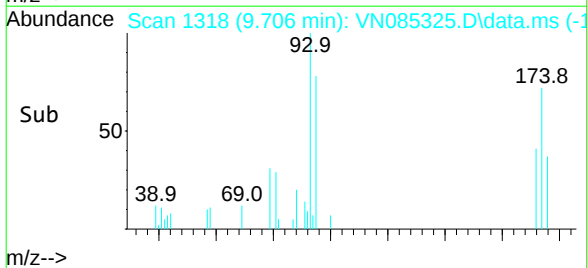
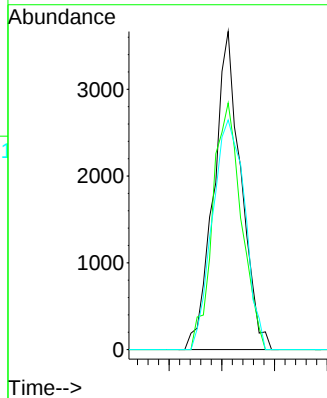
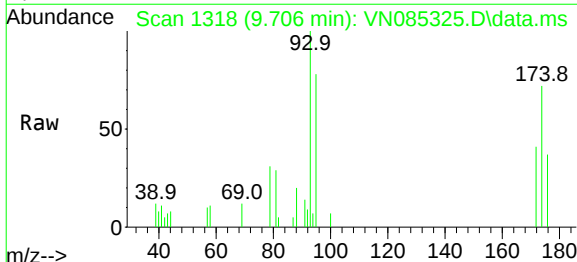
Manual Integrations
APPROVED

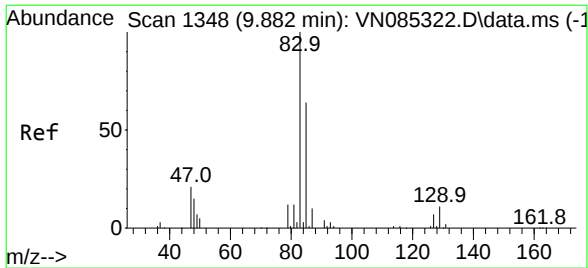
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#46
Dibromomethane
Concen: 5.125 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion: 93 Resp: 6573
Ion Ratio Lower Upper
93 100
95 81.8 65.3 97.9
174 85.7 66.4 99.6





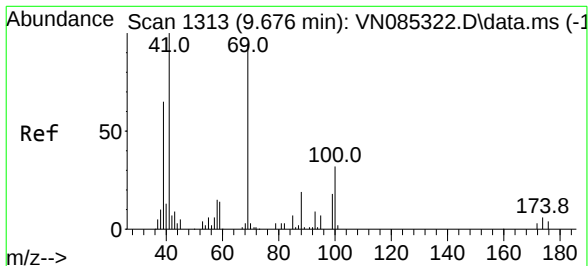
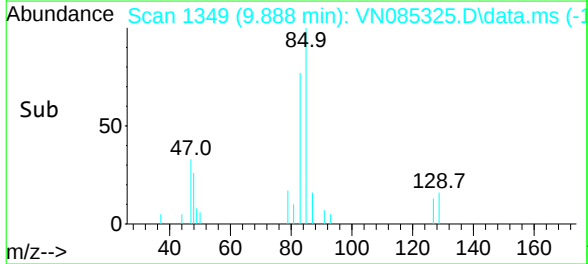
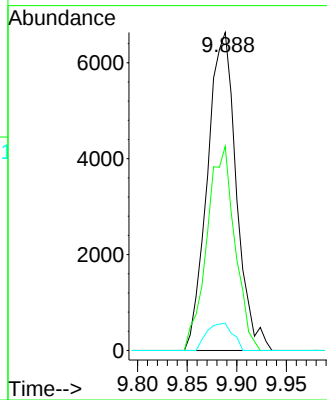
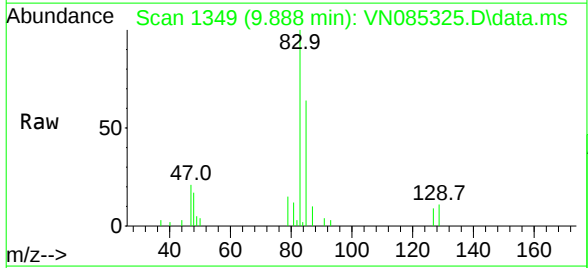
#47
Bromodichloromethane
Concen: 5.046 ug/l
RT: 9.888 min Scan# 1345
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.0	76.4
127	8.6	5.8	8.6

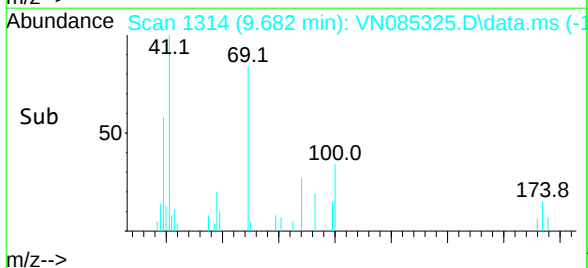
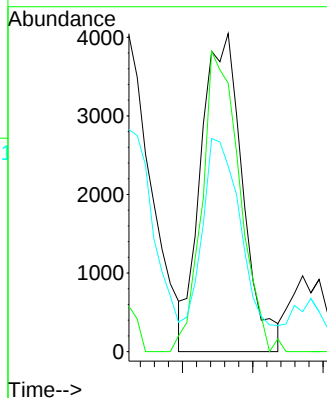
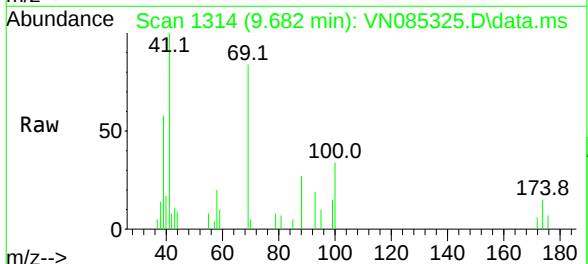
Manual Integrations
APPROVED

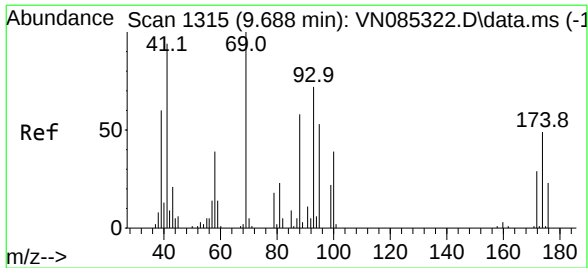
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#48
Methyl methacrylate
Concen: 4.871 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

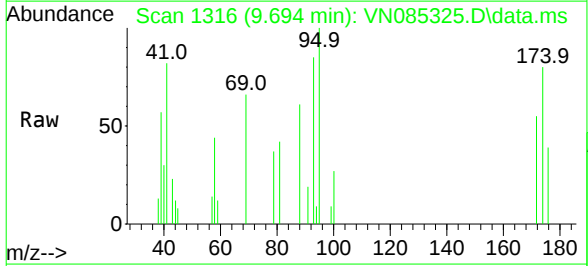
Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.3	67.7	101.5
39	66.9	51.2	76.8





#49
1,4-Dioxane
Concen: 97.886 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

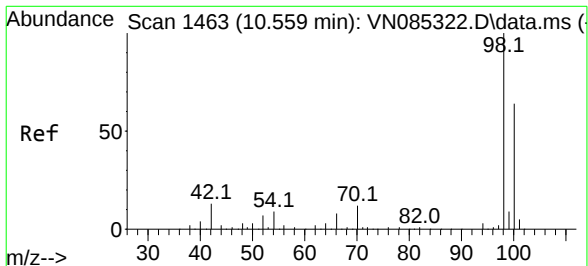
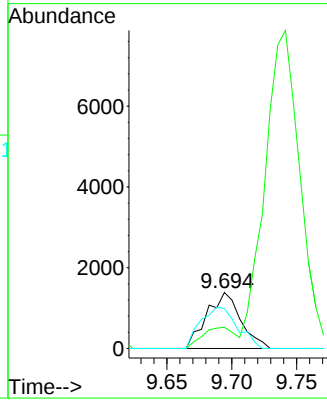
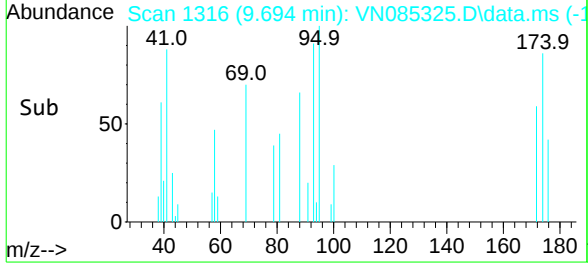
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 2520
Ion Ratio Lower Upper
88 100
43 36.7 22.1 33.1#
58 80.2 56.7 85.1

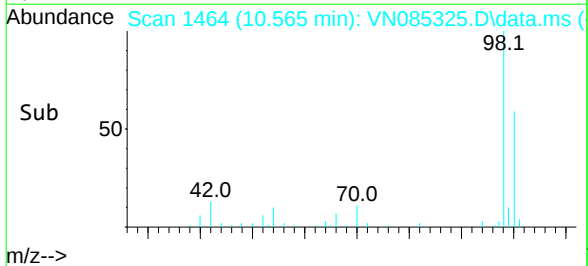
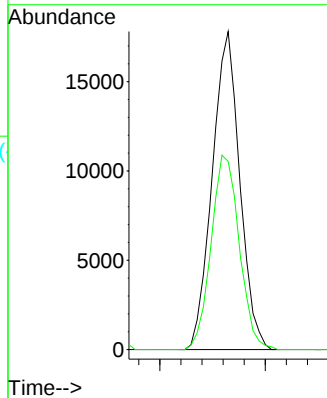
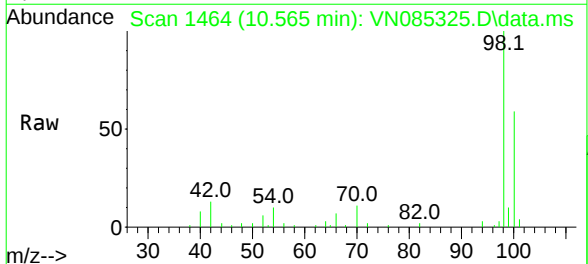
Manual Integrations
APPROVED

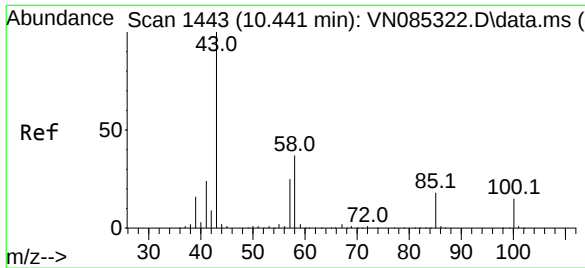
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#50
Toluene-d8
Concen: 5.367 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion: 98 Resp: 32316
Ion Ratio Lower Upper
98 100
100 62.5 51.5 77.3





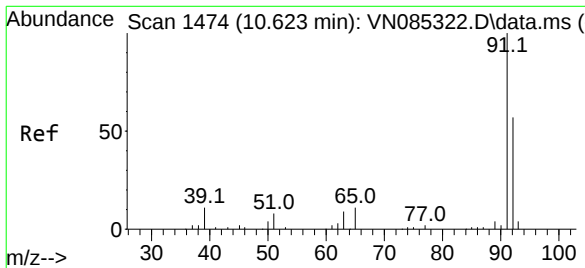
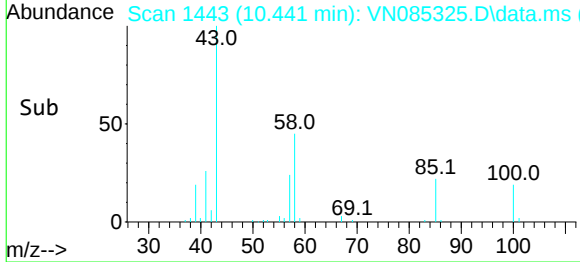
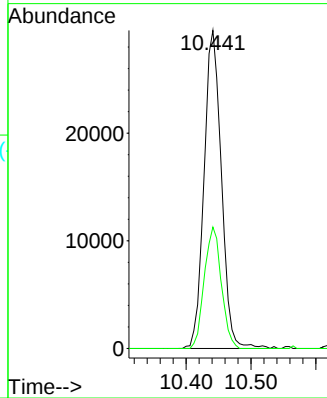
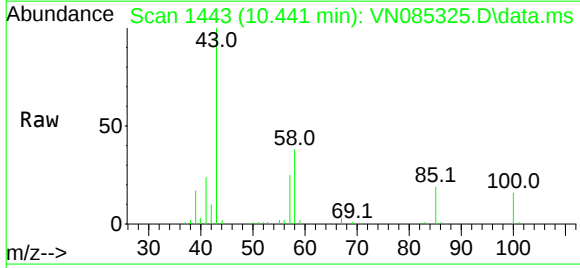
#51
4-Methyl-2-Pentanone
Concen: 24.812 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 54831
Ion Ratio Lower Upper
43 100
58 37.5 30.3 45.5

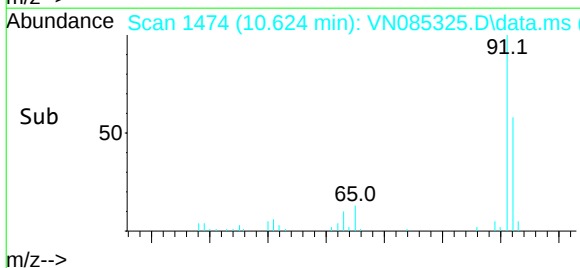
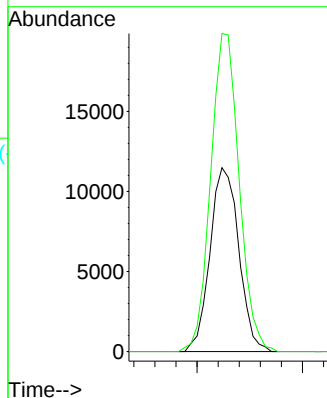
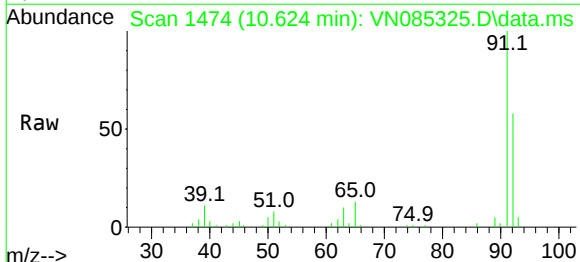
Manual Integrations
APPROVED

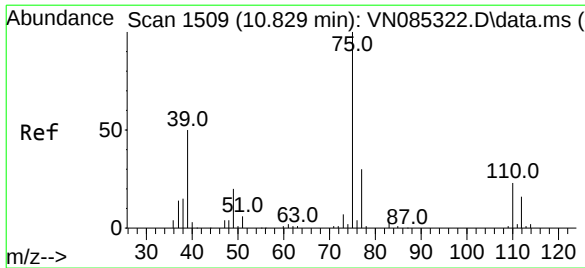
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#52
Toluene
Concen: 5.040 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion: 92 Resp: 21799
Ion Ratio Lower Upper
92 100
91 171.1 140.2 210.4





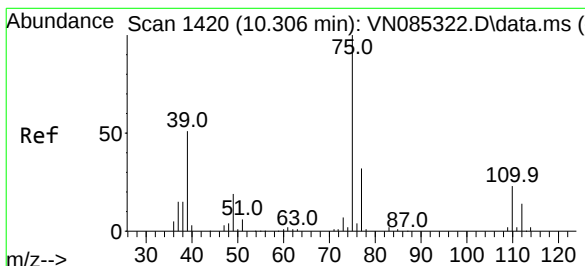
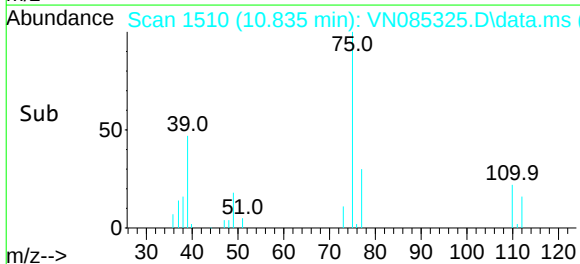
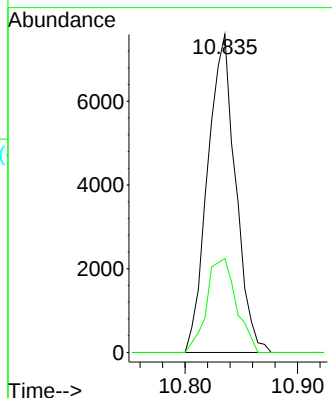
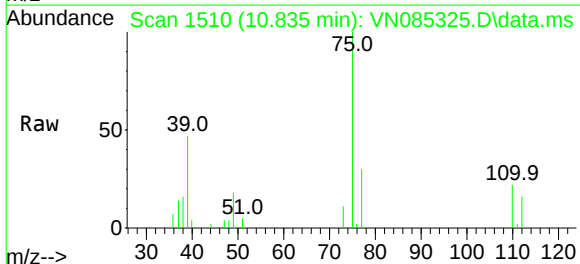
#53
t-1,3-Dichloropropene
Concen: 4.993 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 13088
Ion Ratio Lower Upper
75 100
77 29.5 23.8 35.6

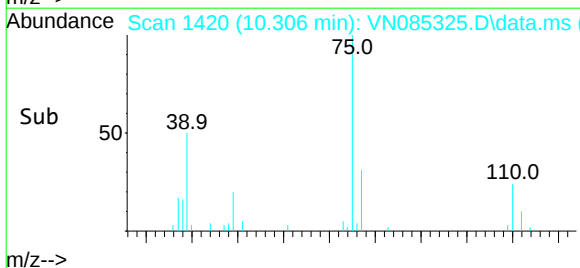
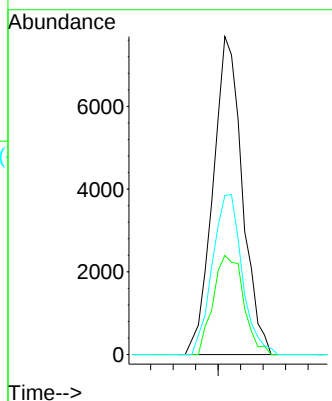
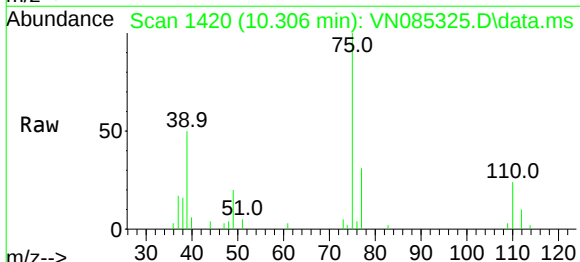
Manual Integrations
APPROVED

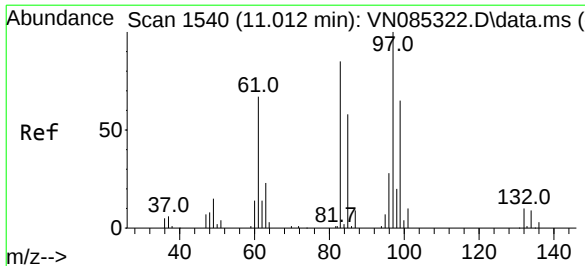
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#54
cis-1,3-Dichloropropene
Concen: 4.904 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

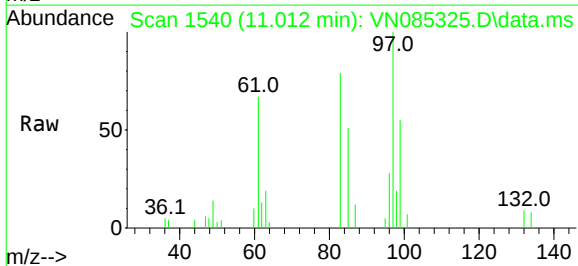
Tgt Ion: 75 Resp: 13900
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 50.0 40.5 60.7





#55
1,1,2-Trichloroethane
Concen: 5.287 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

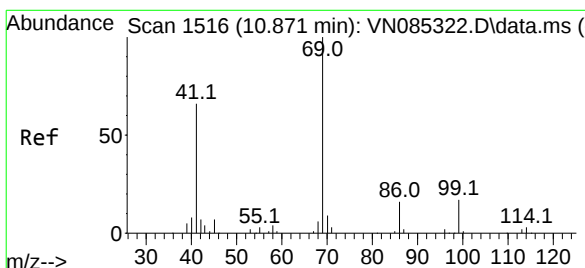
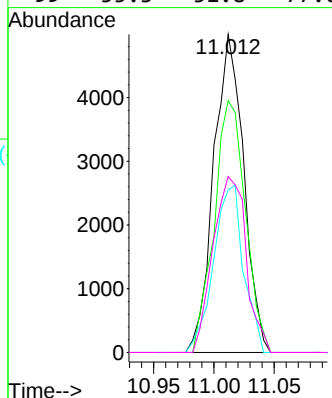
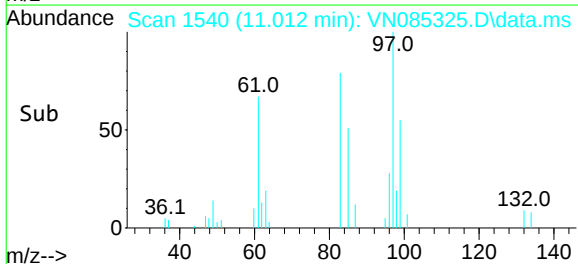
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	97	Resp:	8634
Ion	Ratio	Lower	Upper
97	100		
83	79.2	67.7	101.5
85	51.2	46.2	69.4
99	55.3	51.8	77.6

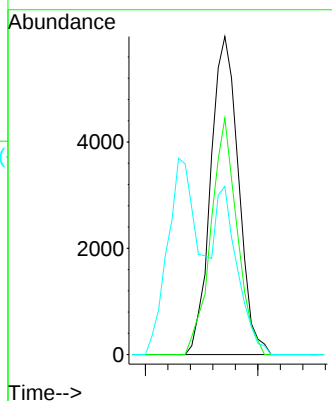
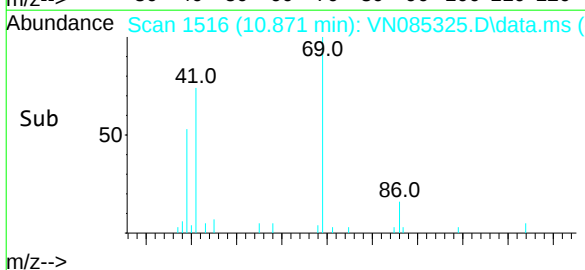
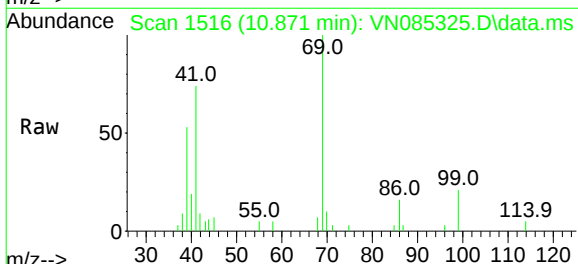
Manual Integrations
APPROVED

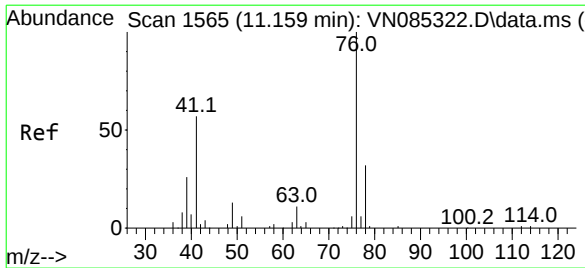
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#56
Ethyl methacrylate
Concen: 4.327 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

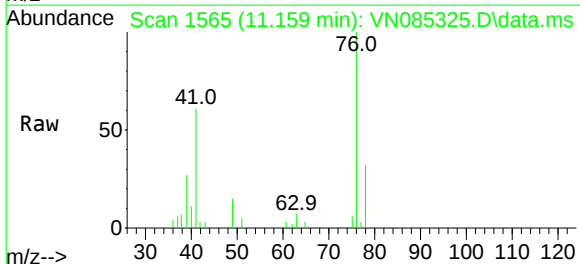
Tgt Ion:	69	Resp:	10291
Ion	Ratio	Lower	Upper
69	100		
41	70.0	54.3	81.5
39	40.4	32.0	48.0





#57
1,3-Dichloropropane
Concen: 5.076 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

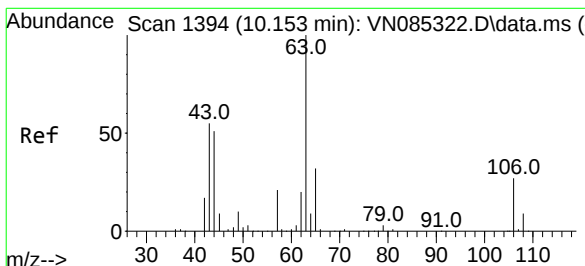
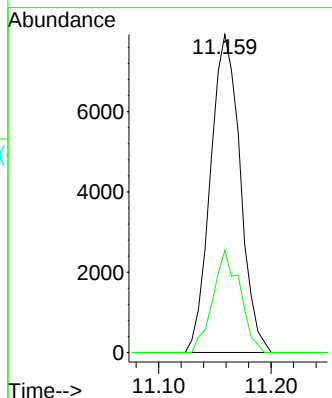
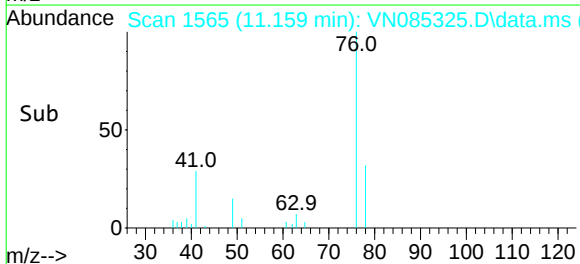
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



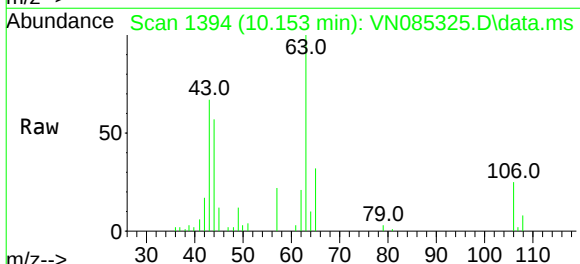
Tgt Ion: 76 Resp: 14548
Ion Ratio Lower Upper
76 100
78 29.4 25.5 38.3

Manual Integrations
APPROVED

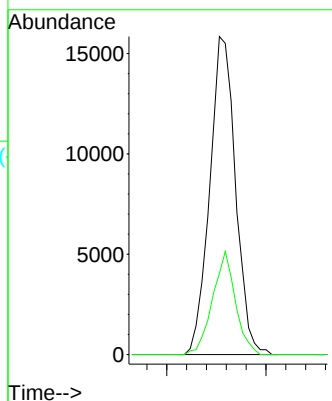
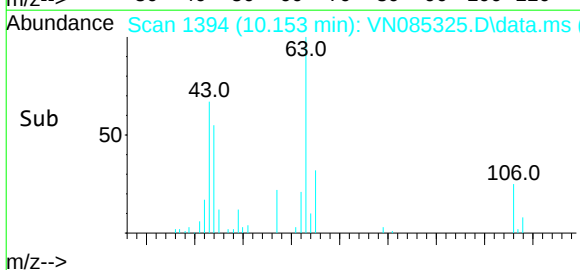
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

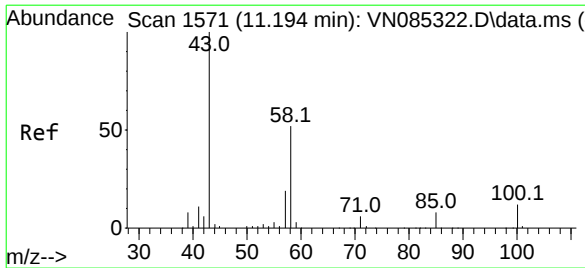


#58
2-Chloroethyl Vinyl ether
Concen: 24.895 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01



Tgt Ion: 63 Resp: 28647
Ion Ratio Lower Upper
63 100
106 28.7 22.1 33.1





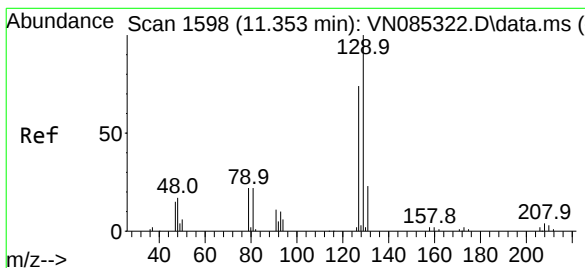
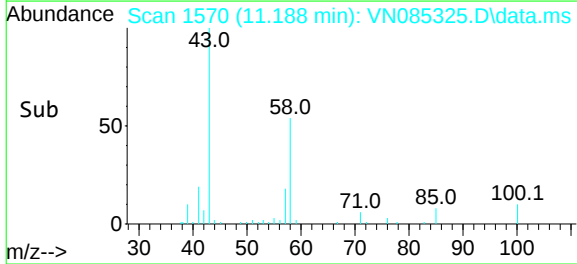
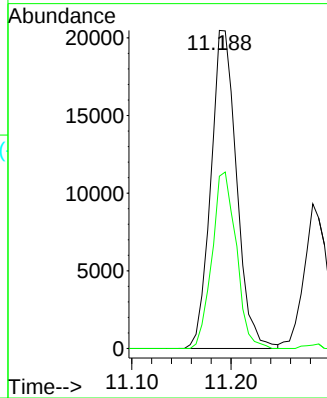
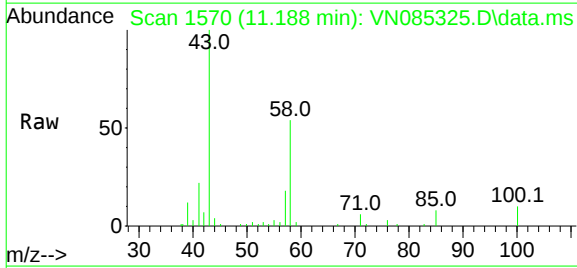
#59
2-Hexanone
Concen: 24.105 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 36958
Ion Ratio Lower Upper
43 100
58 52.1 26.5 79.5

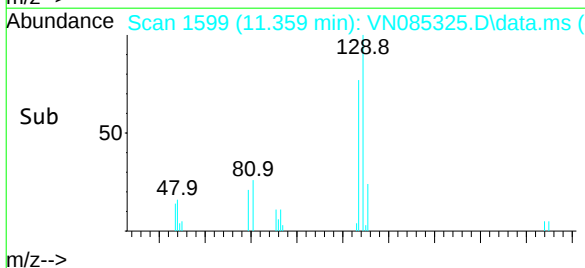
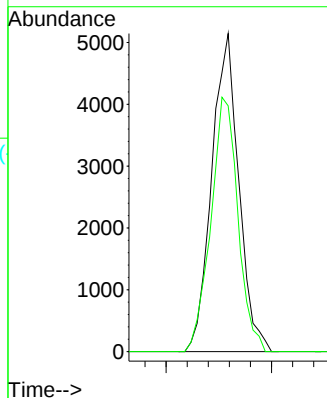
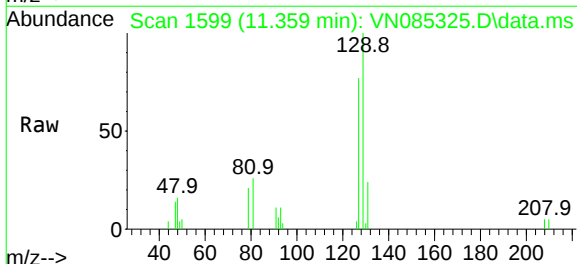
Manual Integrations
APPROVED

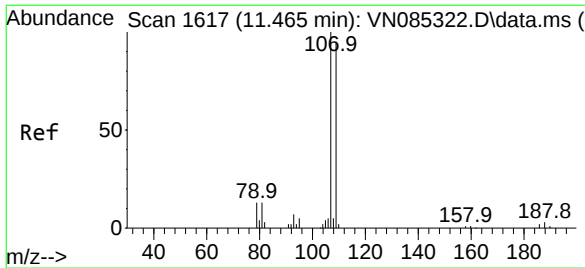
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#60
Dibromochloromethane
Concen: 4.991 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion:129 Resp: 9180
Ion Ratio Lower Upper
129 100
127 79.9 38.3 114.9





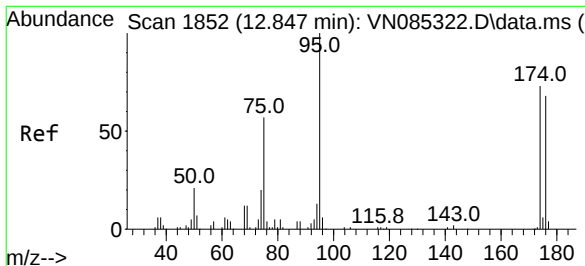
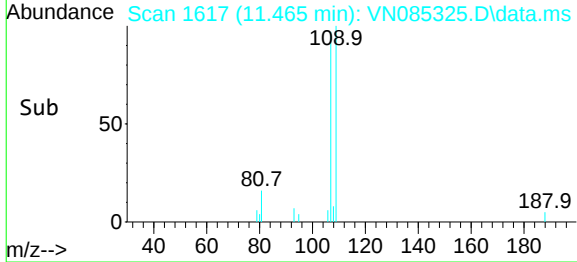
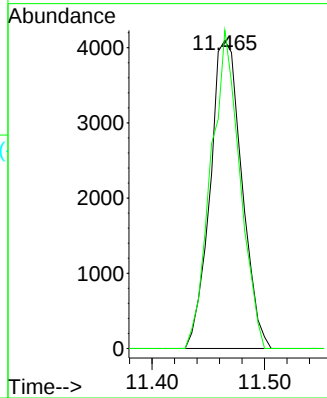
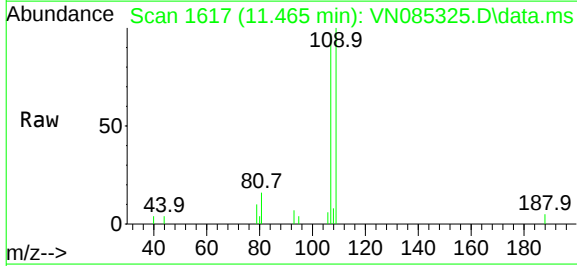
#61
1,2-Dibromoethane
Concen: 4.960 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 107 Resp: 8013
Ion Ratio Lower Upper
107 100
109 94.5 74.9 112.3

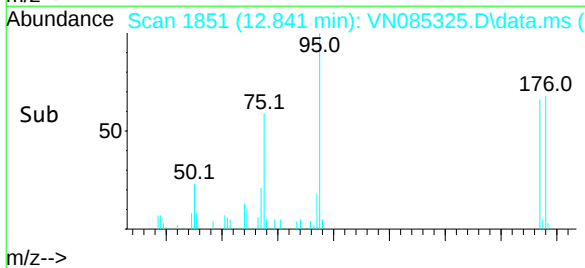
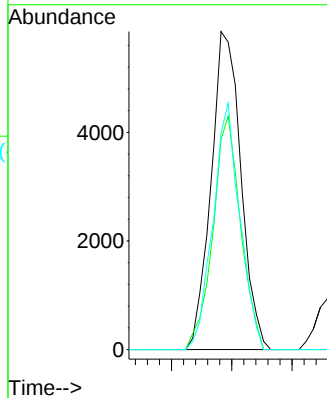
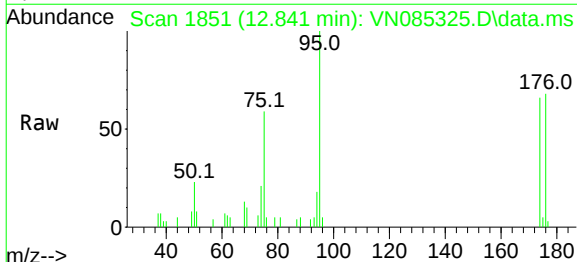
Manual Integrations
APPROVED

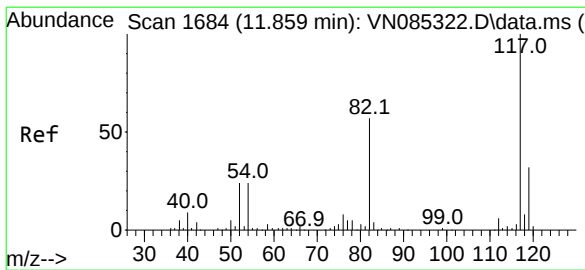
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#62
4-Bromofluorobenzene
Concen: 5.033 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion: 95 Resp: 10066
Ion Ratio Lower Upper
95 100
174 67.9 0.0 143.2
176 69.7 0.0 135.8





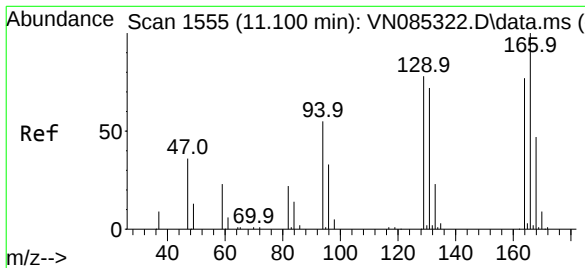
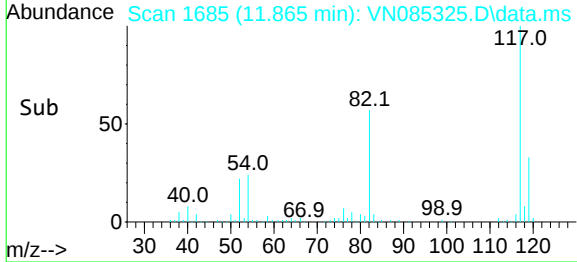
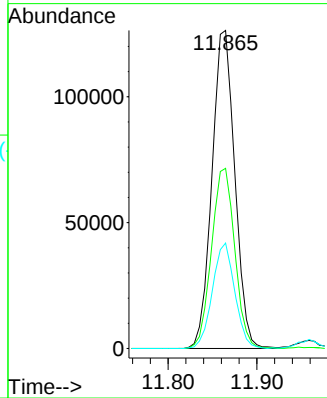
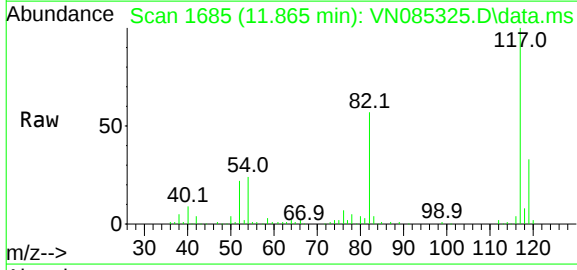
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 226122
Ion Ratio Lower Upper
117 100
82 56.6 45.7 68.5
119 33.1 25.8 38.8

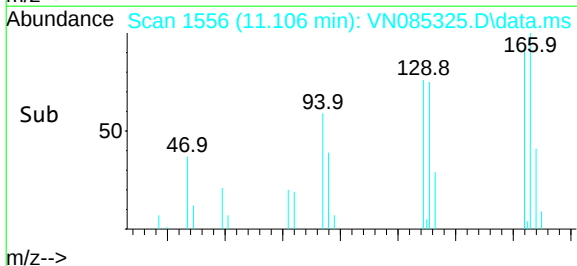
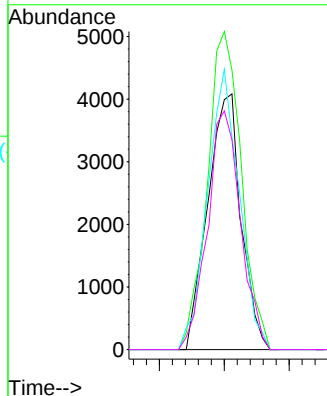
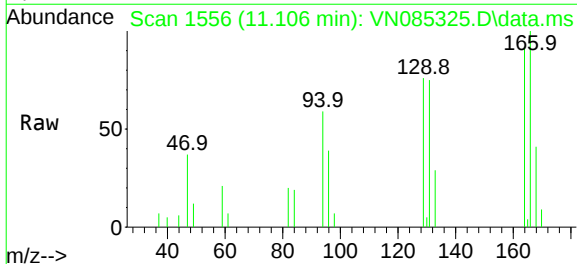
Manual Integrations
APPROVED

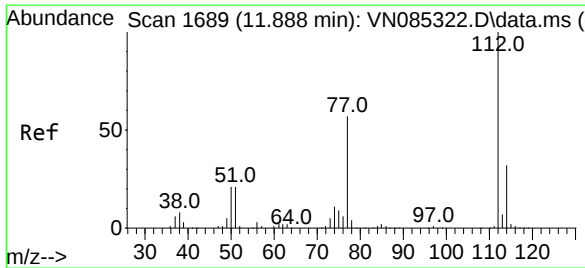
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#64
Tetrachloroethene
Concen: 5.095 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion:164 Resp: 7300
Ion Ratio Lower Upper
164 100
166 109.2 104.0 156.0
129 83.0 81.3 121.9
131 82.0 75.0 112.6





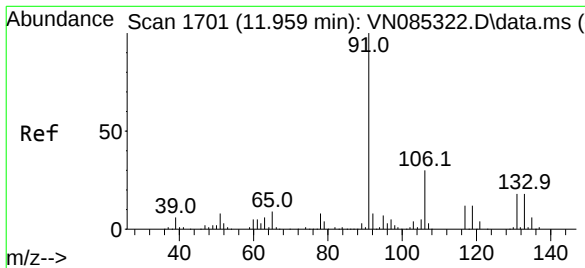
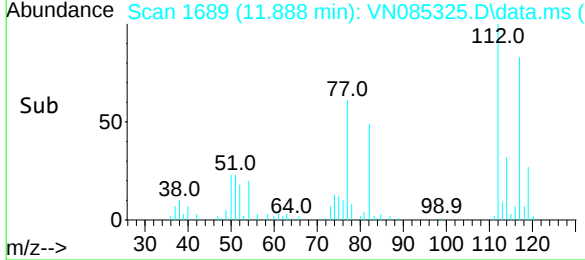
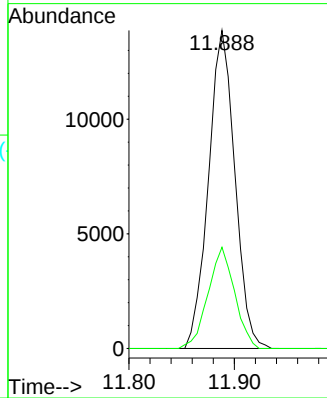
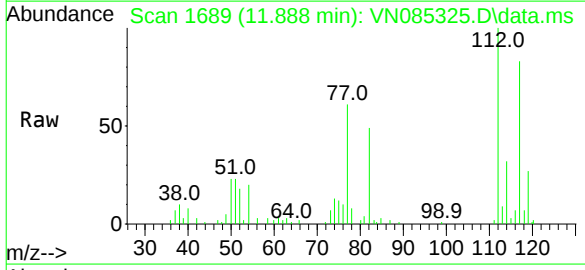
#65
Chlorobenzene
Concen: 4.940 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 24138
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8

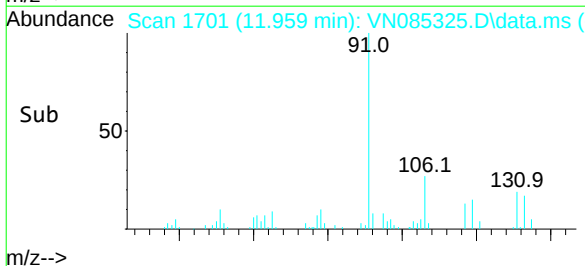
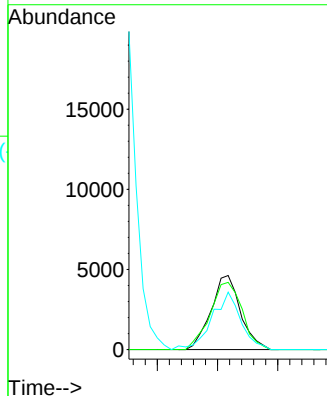
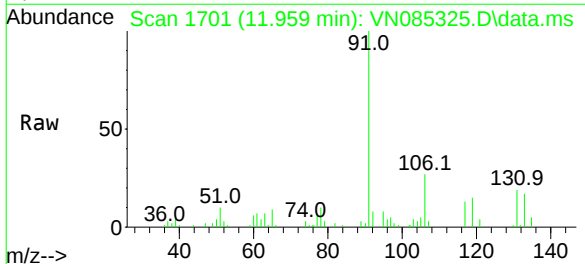
Manual Integrations
APPROVED

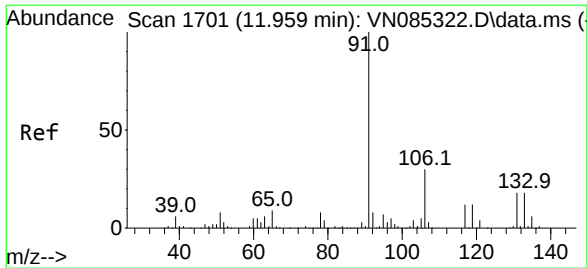
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.805 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion:131 Resp: 7880
Ion Ratio Lower Upper
131 100
133 98.7 48.3 144.9
119 75.8 33.4 100.1





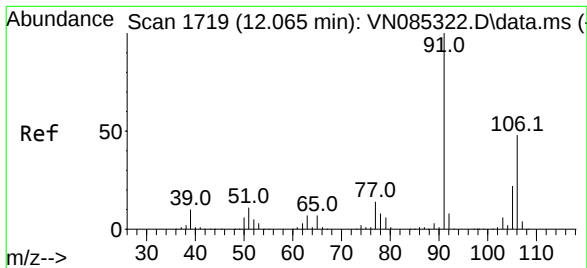
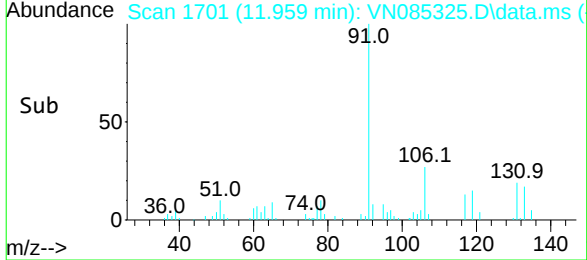
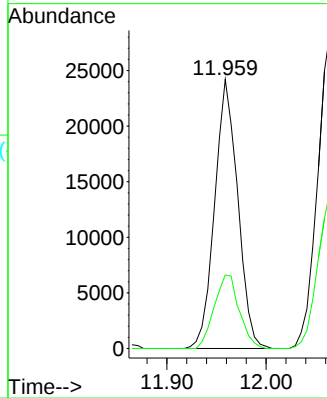
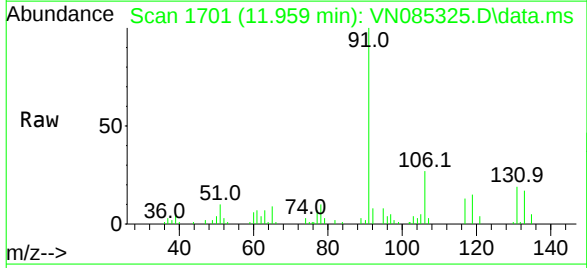
#67
Ethyl Benzene
Concen: 4.812 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 39102
Ion Ratio Lower Upper
91 100
106 27.3 24.0 36.0

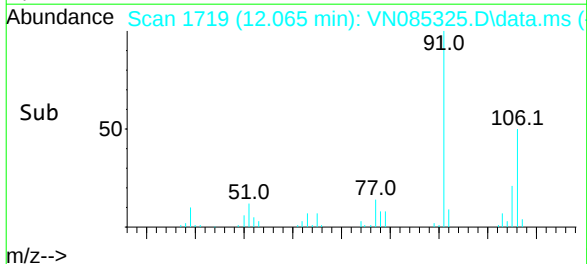
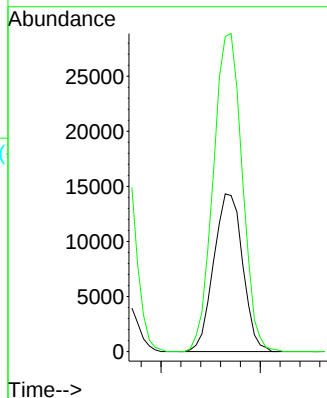
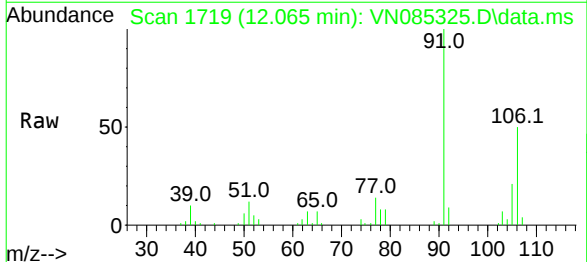
Manual Integrations
APPROVED

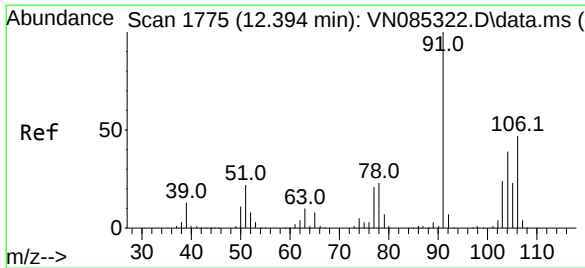
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#68
m/p-Xylenes
Concen: 9.786 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion:106 Resp: 29104
Ion Ratio Lower Upper
106 100
91 201.1 165.2 247.8





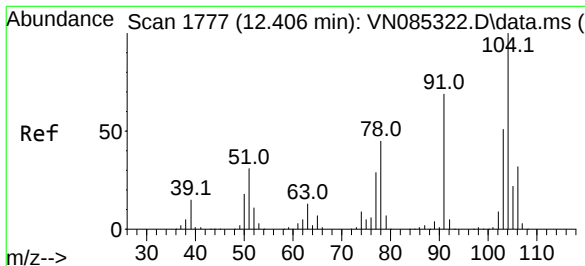
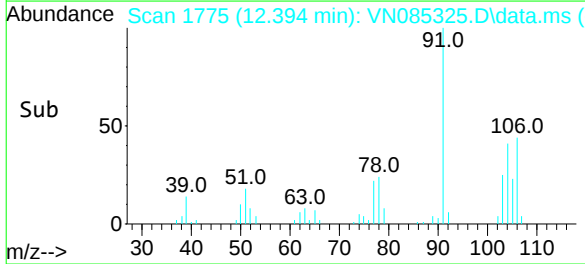
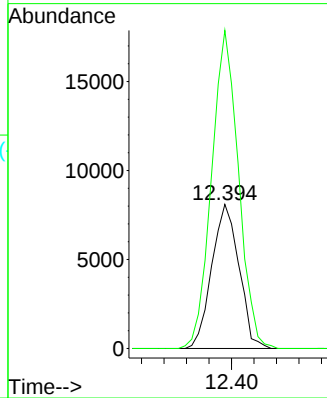
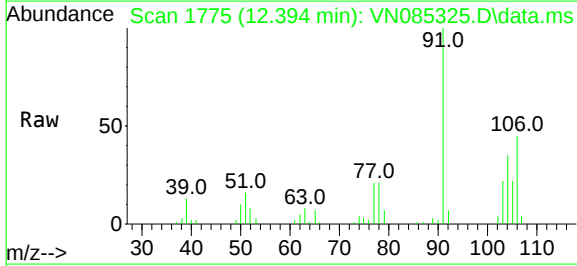
#69
o-Xylene
Concen: 4.734 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 13620
Ion Ratio Lower Upper
106 100
91 218.0 107.3 321.8

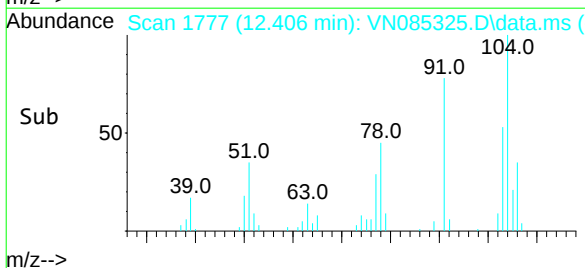
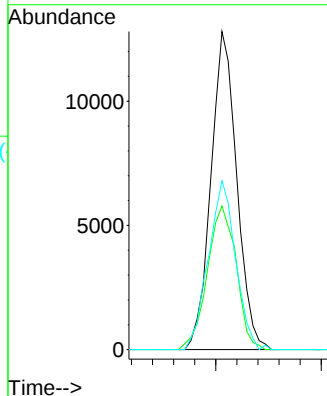
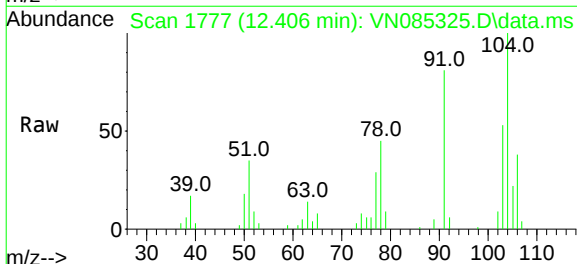
Manual Integrations
APPROVED

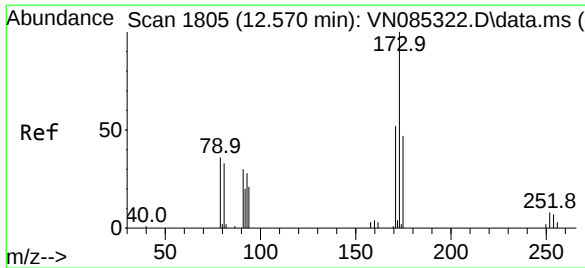
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#70
Styrene
Concen: 4.676 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion:104 Resp: 21804
Ion Ratio Lower Upper
104 100
78 50.2 40.7 61.1
103 55.8 44.1 66.1





#71

Bromoform

Concen: 4.837 ug/l

RT: 12.571 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

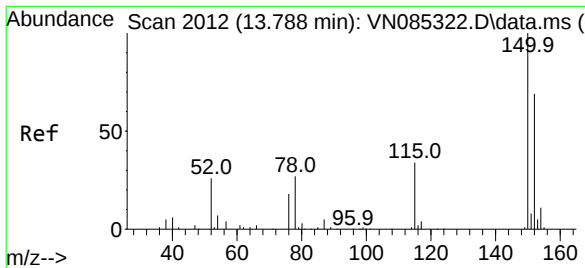
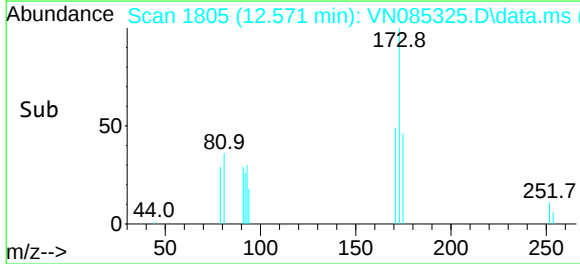
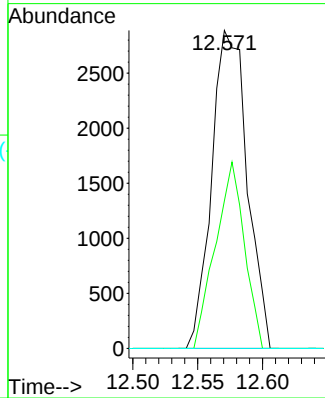
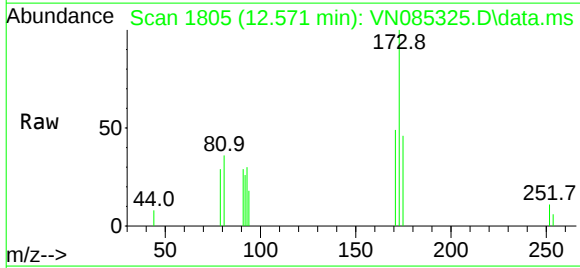
Tgt Ion:	173	Resp:	5494
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

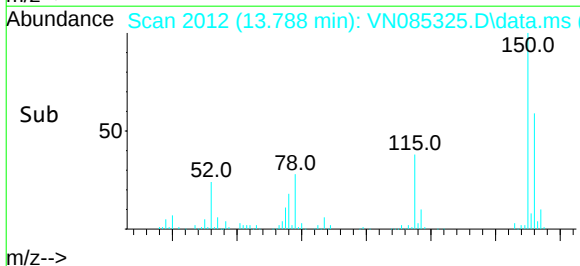
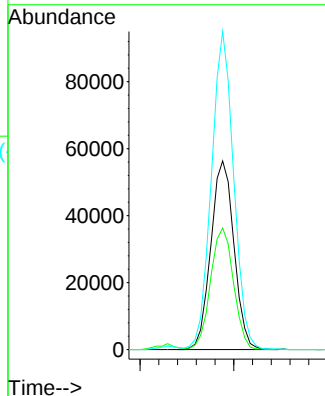
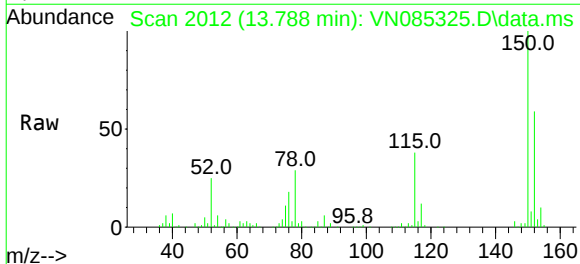
RT: 13.788 min Scan# 2012

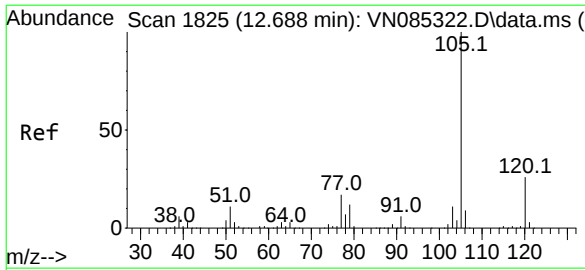
Delta R.T. 0.000 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Tgt Ion:	152	Resp:	96471
Ion Ratio	Lower	Upper	
152	100		
115	64.0	30.4	91.3
150	162.6	0.0	345.0





#73

Isopropylbenzene

Concen: 5.124 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 35544

Ion Ratio Lower Upper

105 100

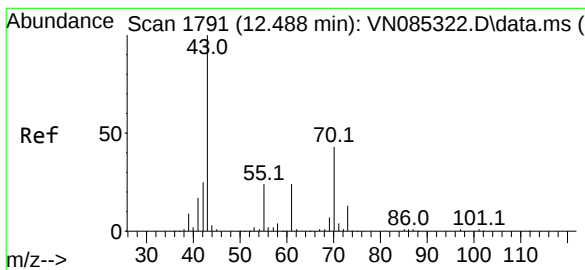
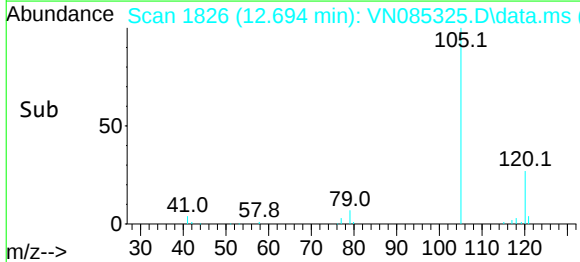
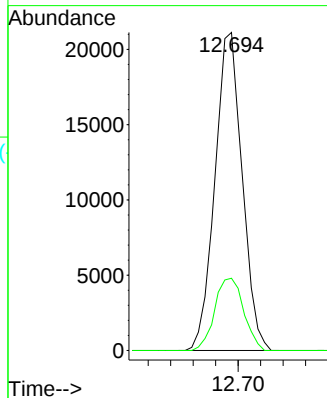
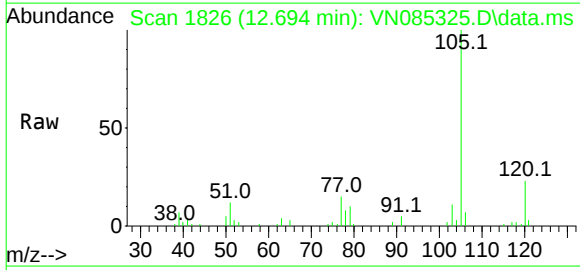
120 24.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#74

N-ethyl acetate

Concen: 4.651 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Tgt Ion: 43 Resp: 13811

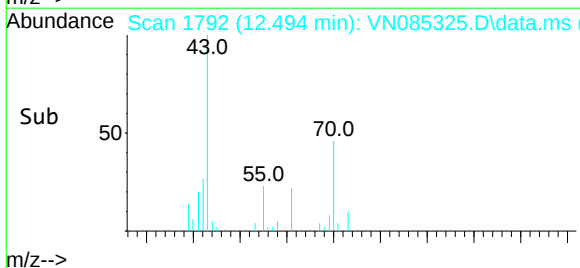
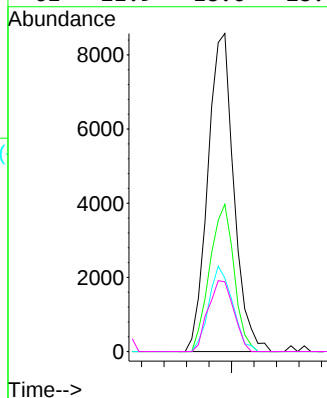
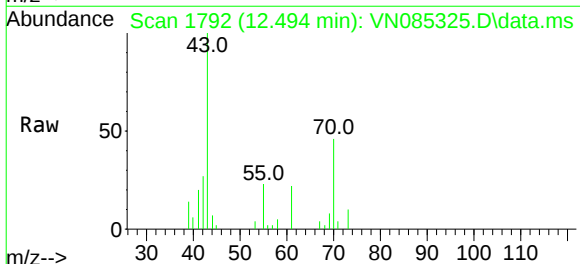
Ion Ratio Lower Upper

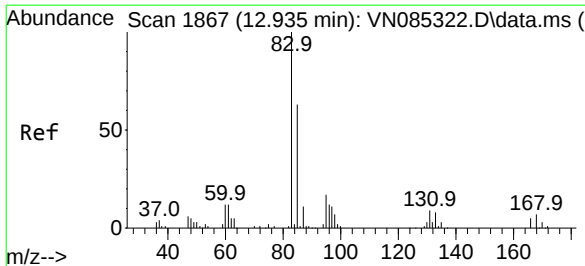
43 100

70 43.2 33.4 50.0

55 24.5 19.2 28.8

61 21.9 18.6 28.0





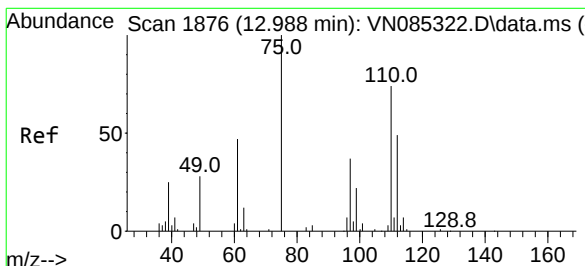
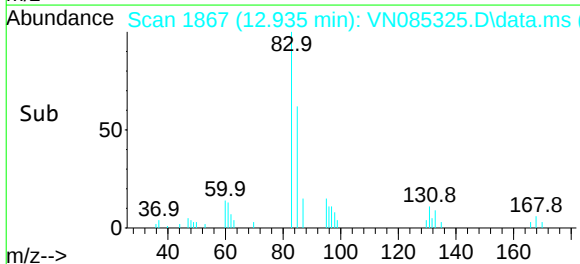
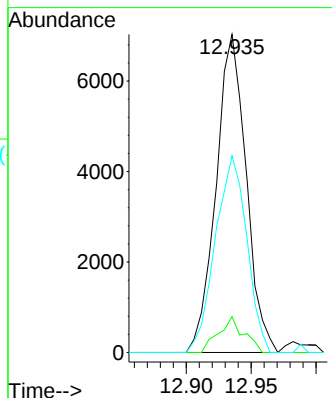
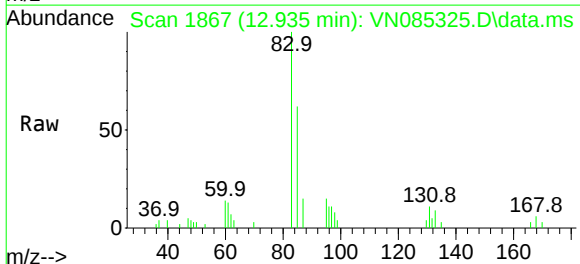
#75
1,1,2,2-Tetrachloroethane
Concen: 5.137 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	83	Resp:	11349
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.4
85	64.6	32.6	98.0

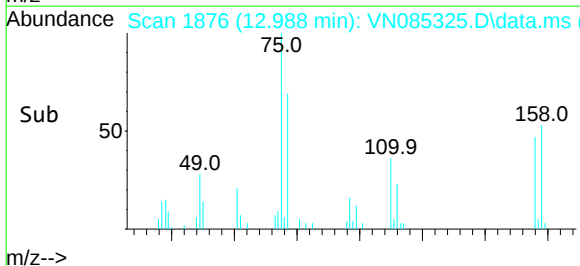
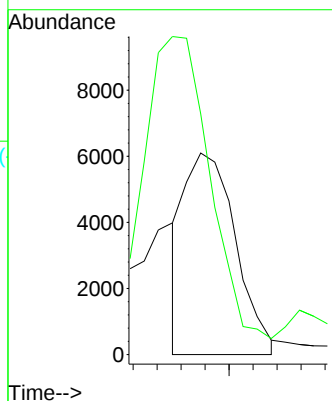
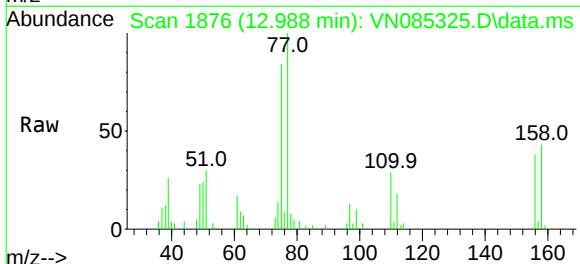
Manual Integrations
APPROVED

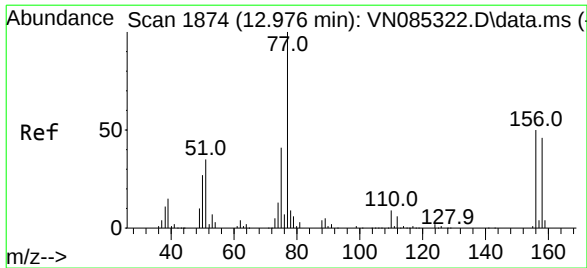
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#76
1,2,3-Trichloropropane
Concen: 4.883 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion:	75	Resp:	9049
Ion Ratio	Lower	Upper	
75	100		
77	218.9	98.1	294.3





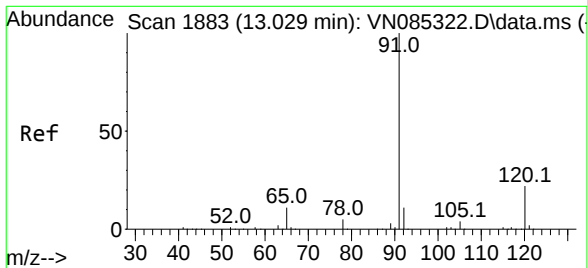
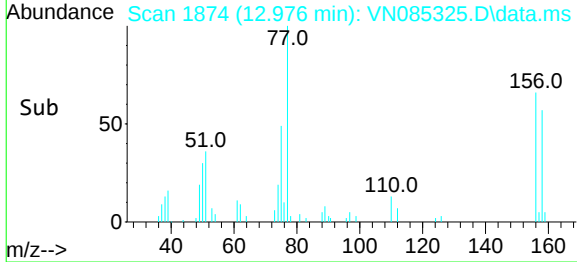
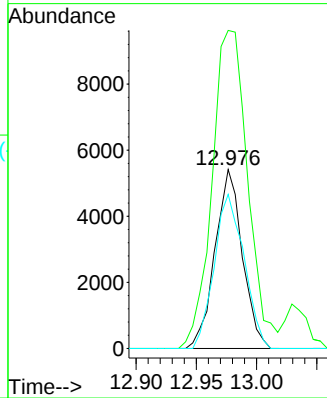
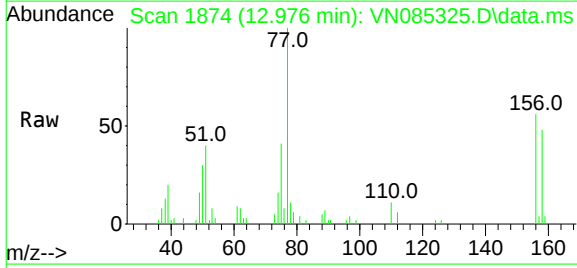
#77
Bromobenzene
Concen: 4.971 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
156	100		
77	231.9	114.0	342.0
158	93.9	47.6	142.8

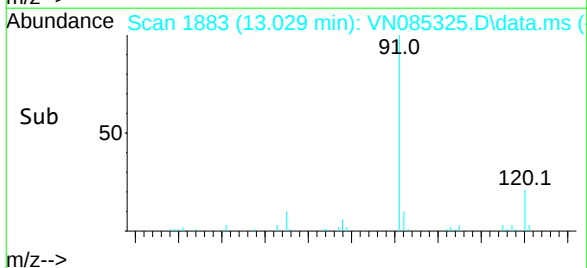
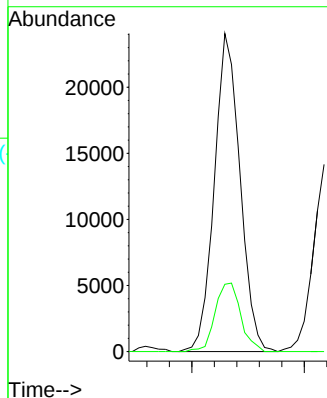
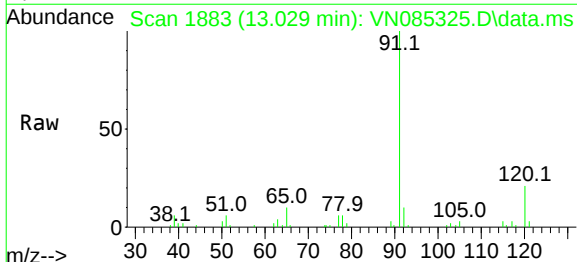
Manual Integrations
APPROVED

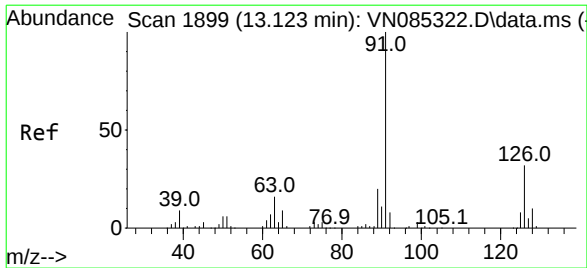
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#78
n-propylbenzene
Concen: 4.722 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.9	32.9





#79

2-Chlorotoluene

Concen: 5.164 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 26279

Ion Ratio Lower Upper

91 100

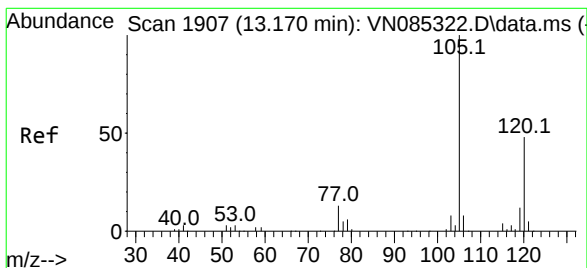
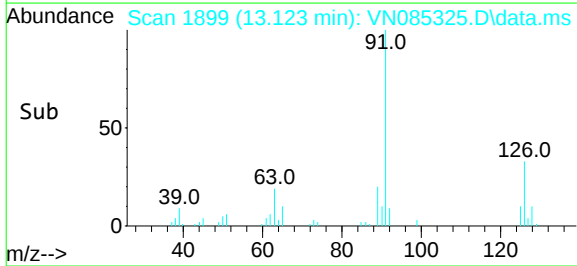
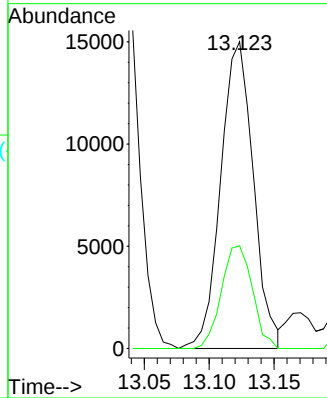
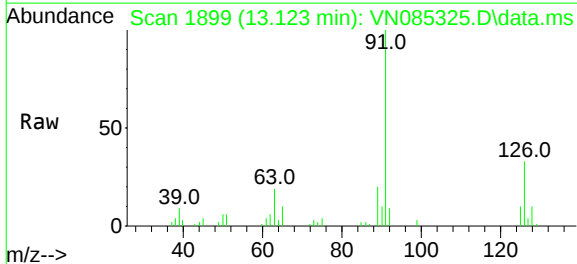
126 31.7 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#80

1,3,5-Trimethylbenzene

Concen: 4.952 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085325.D

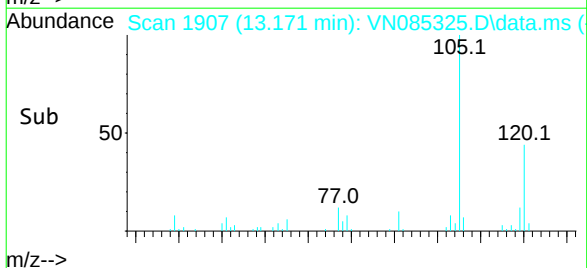
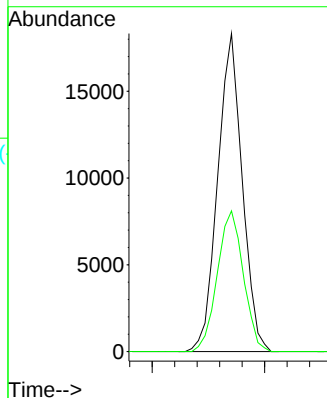
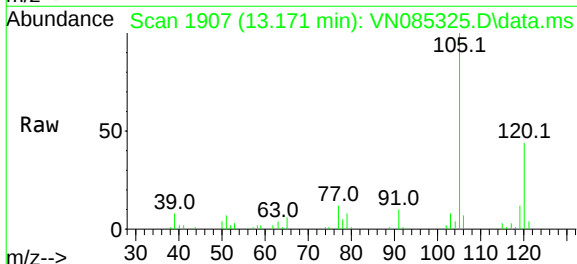
Acq: 27 Dec 2024 12:01

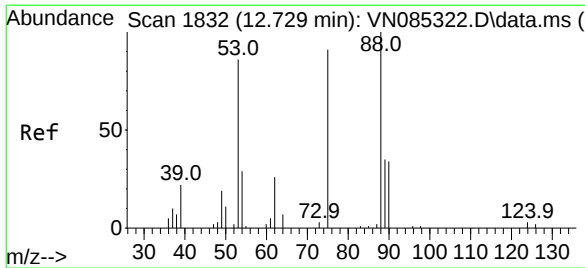
Tgt Ion:105 Resp: 27787

Ion Ratio Lower Upper

105 100

120 46.9 24.0 72.0





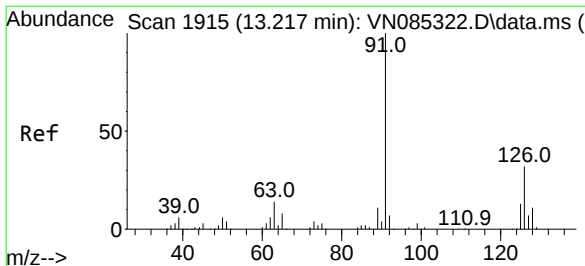
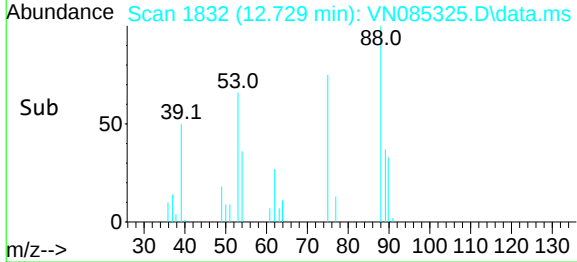
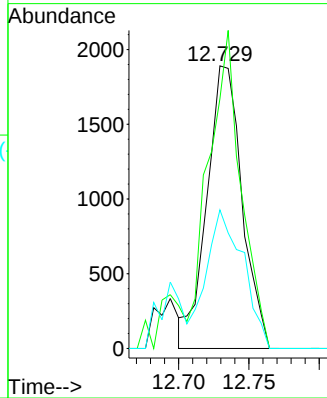
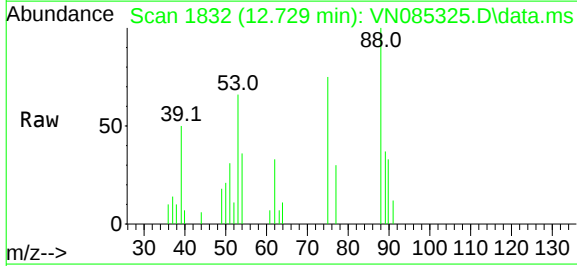
#81
trans-1,4-Dichloro-2-butene
Concen: 4.391 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 3288
Ion Ratio Lower Upper
75 100
53 103.2 80.0 120.0
89 51.5 35.8 53.8

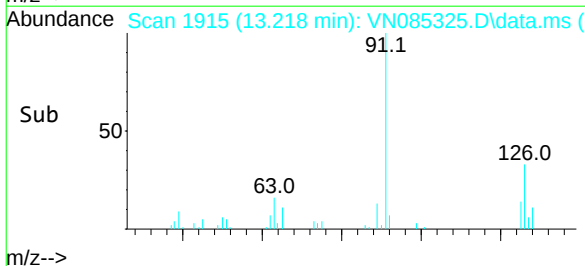
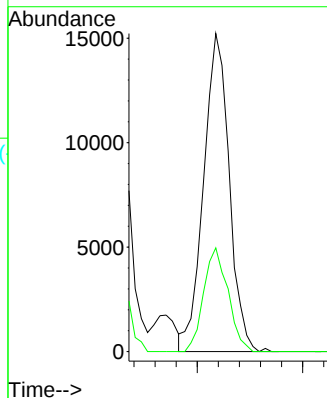
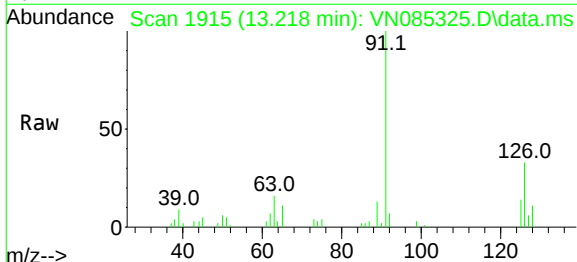
Manual Integrations
APPROVED

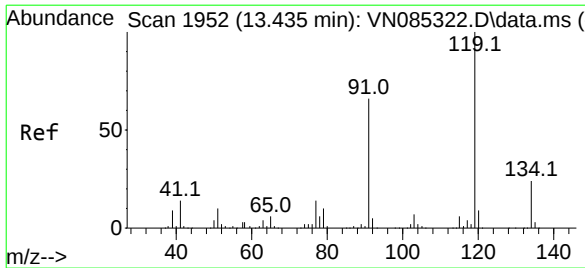
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#82
4-Chlorotoluene
Concen: 5.016 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion: 91 Resp: 25709
Ion Ratio Lower Upper
91 100
126 31.0 16.4 49.4





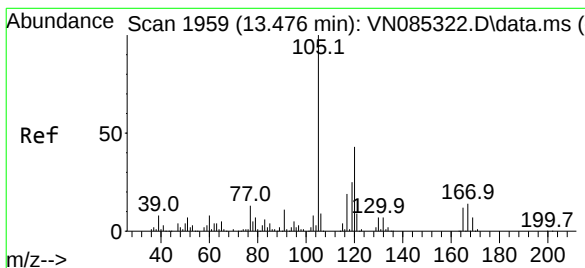
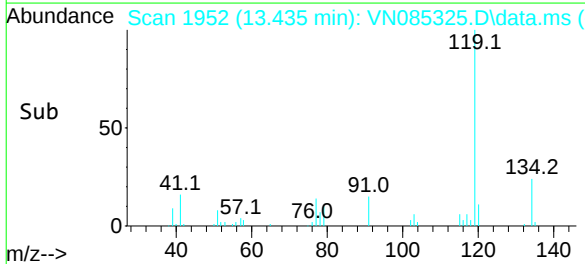
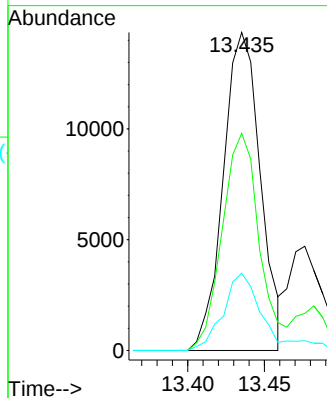
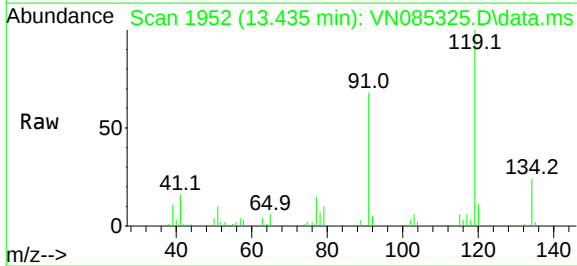
#83
tert-Butylbenzene
Concen: 4.969 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	119	Resp:	24152
Ion Ratio	Lower	Upper	
119	100		
91	68.4	33.6	100.8
134	24.7	13.3	39.8

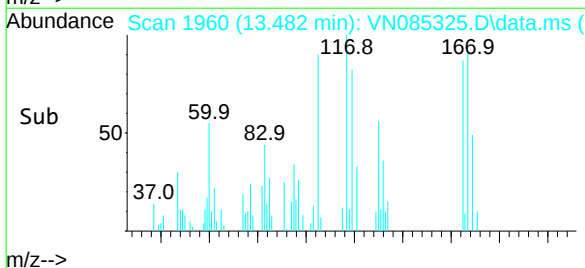
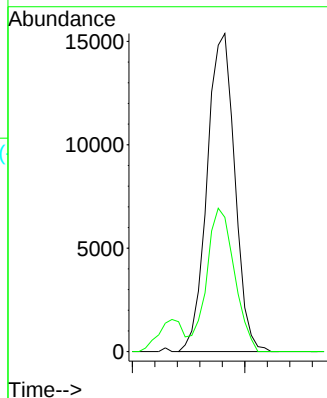
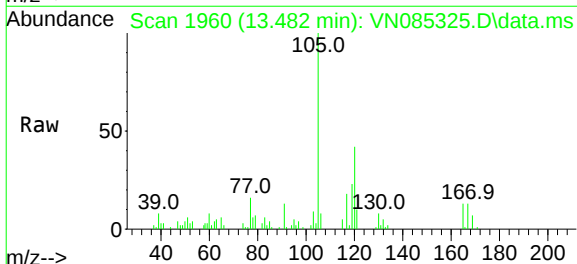
Manual Integrations
APPROVED

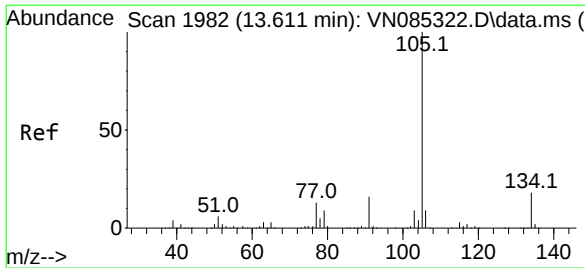
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#84
1,2,4-Trimethylbenzene
Concen: 4.696 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Tgt Ion:	105	Resp:	26238
Ion Ratio	Lower	Upper	
105	100		
120	45.6	21.7	65.1





#85
sec-Butylbenzene
Concen: 4.923 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :

MSVOA_N

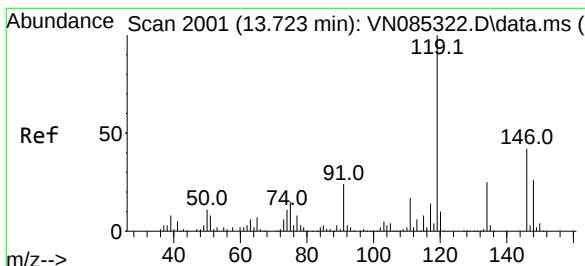
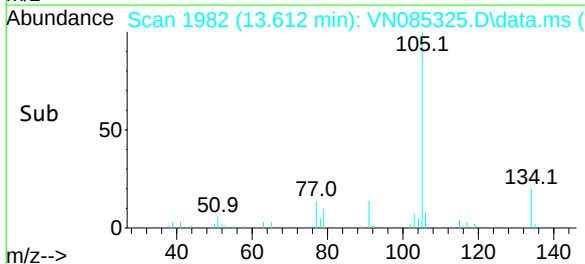
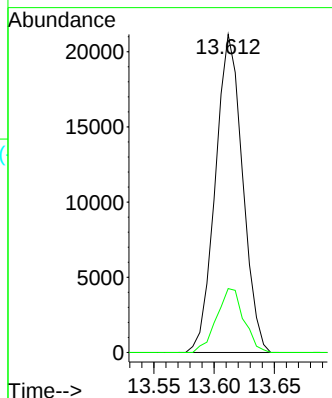
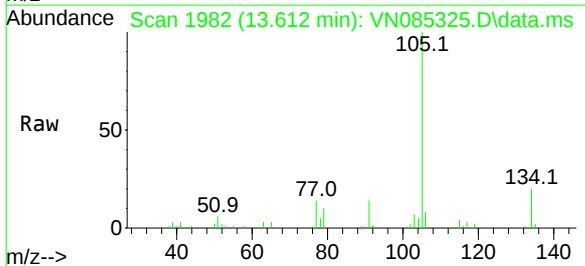
ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 33215
Ion Ratio Lower Upper
105 100
134 20.1 9.4 28.3

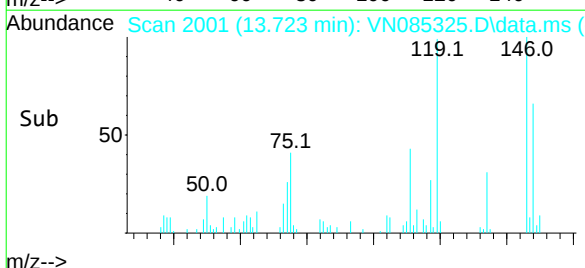
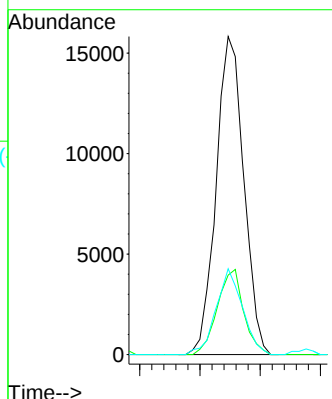
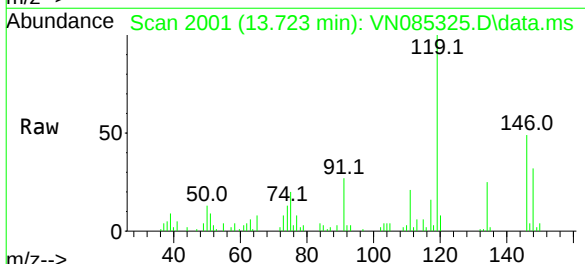
Manual Integrations
APPROVED

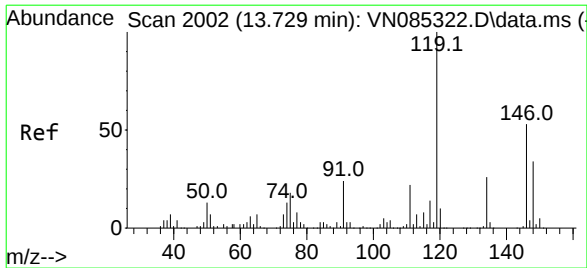
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#86
p-Isopropyltoluene
Concen: 4.594 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

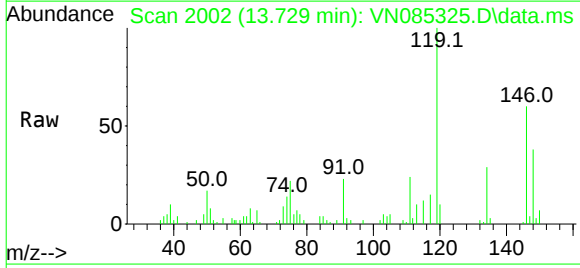
Tgt Ion:119 Resp: 25238
Ion Ratio Lower Upper
119 100
134 25.5 12.5 37.5
91 25.8 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 5.124 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

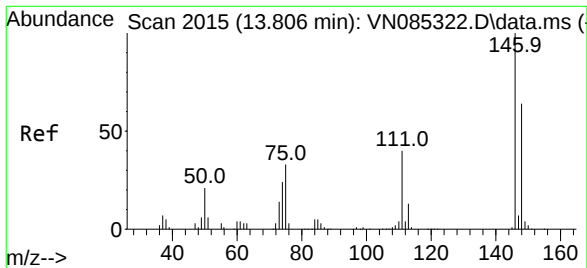
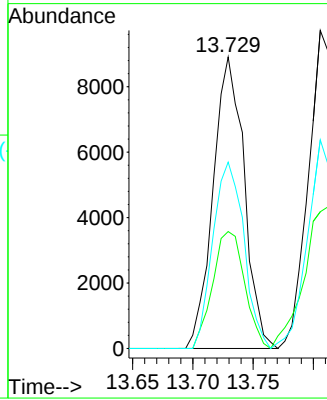
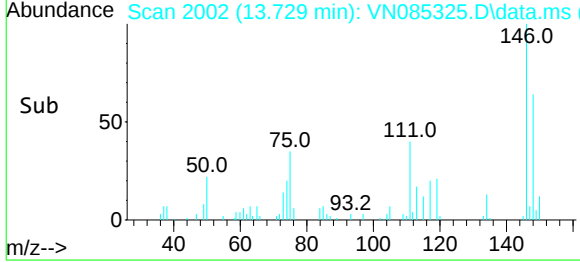
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



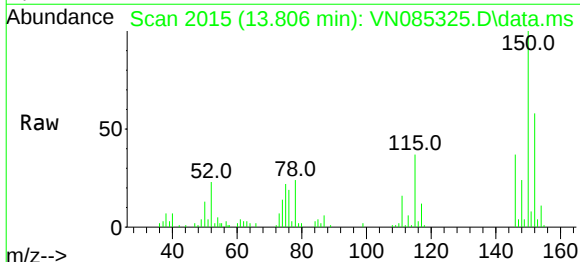
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	63.9
148	63.8	31.5	94.5

Manual Integrations
APPROVED

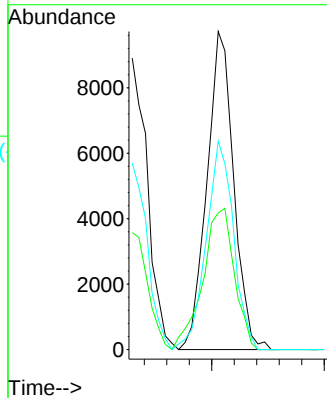
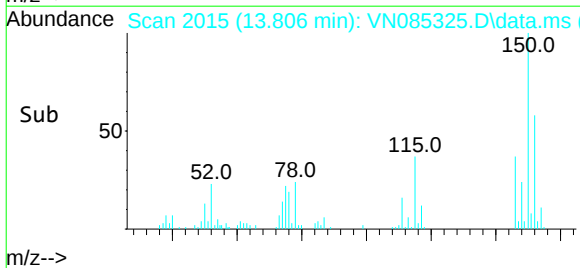
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

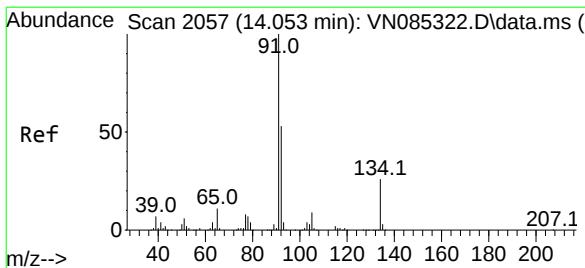


#88
1,4-Dichlorobenzene
Concen: 5.022 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01



Tgt Ion	Ratio	Lower	Upper
146	100		
111	52.4	20.8	62.5
148	66.7	31.7	95.1





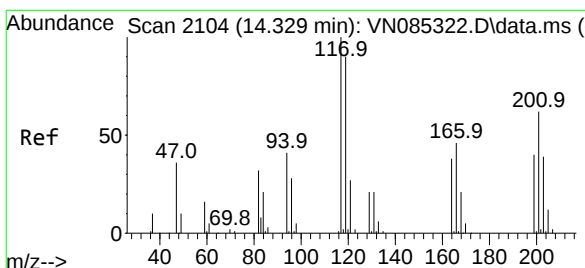
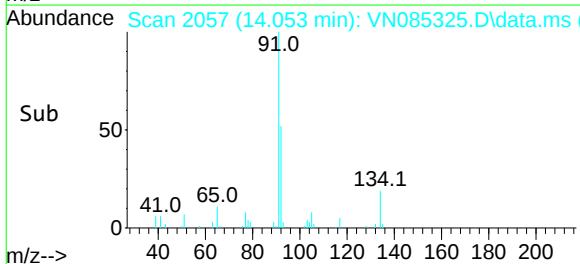
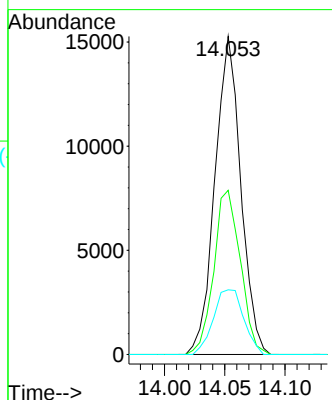
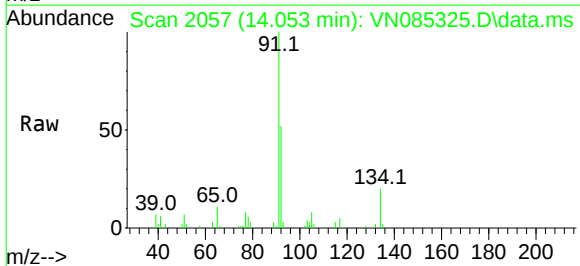
#89
n-Butylbenzene
Concen: 4.616 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.0	78.0
134	23.9	12.1	36.3

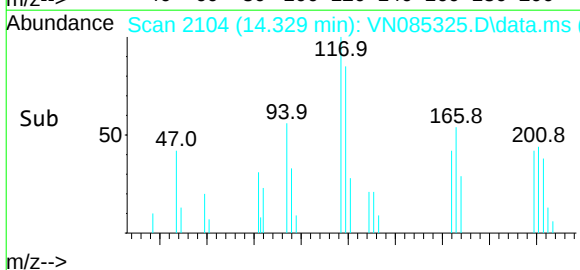
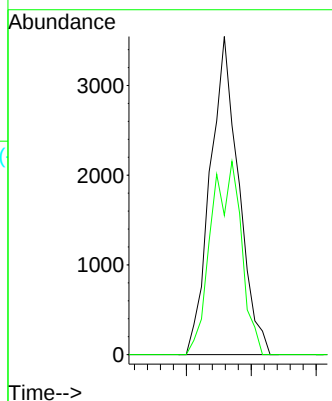
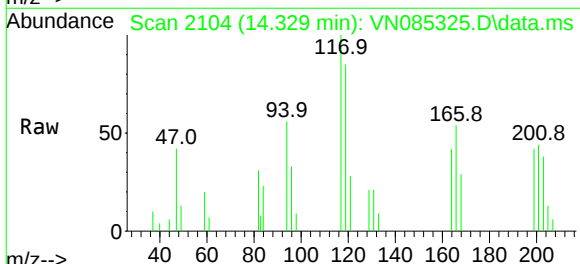
Manual Integrations
APPROVED

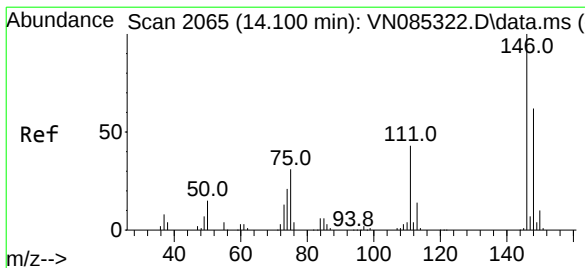
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#90
Hexachloroethane
Concen: 4.881 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

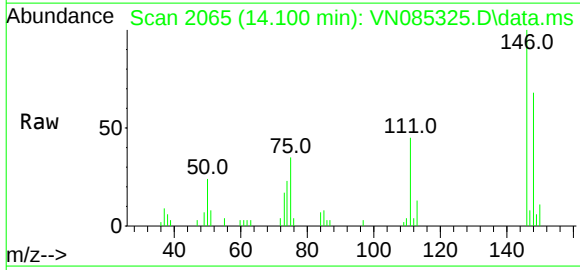
Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.9	30.7	92.1





#91
1,2-Dichlorobenzene
Concen: 5.014 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01

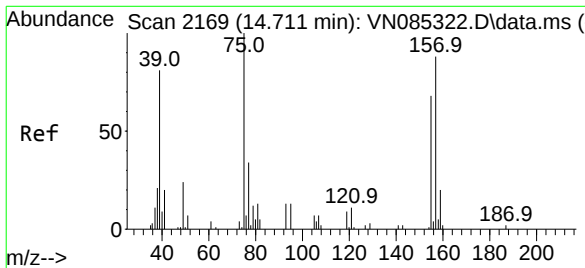
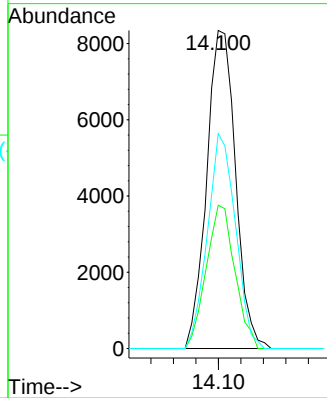
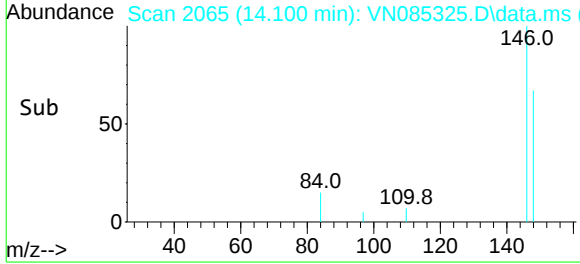
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



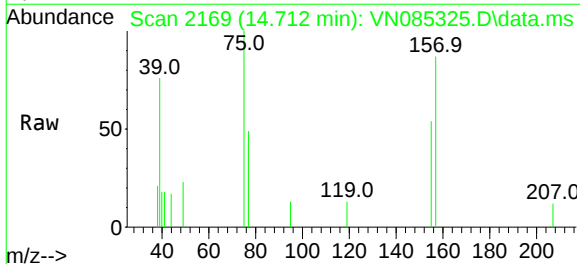
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.8	65.3
148	65.7	31.4	94.2

Manual Integrations
APPROVED

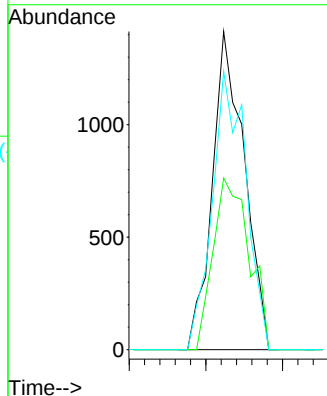
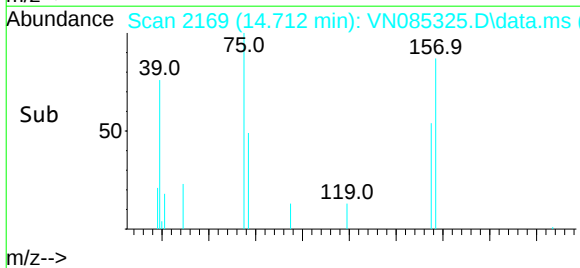
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

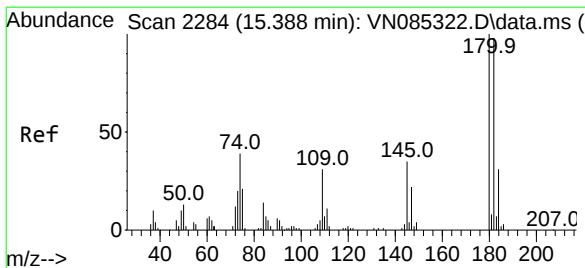


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.206 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VN085325.D
Acq: 27 Dec 2024 12:01



Tgt Ion	Ratio	Lower	Upper
75	100		
155	60.8	35.6	106.9
157	92.3	47.0	141.0





#93

1,2,4-Trichlorobenzene

Concen: 4.894 ug/l

RT: 15.382 min Scan# 2284

Delta R.T. -0.006 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

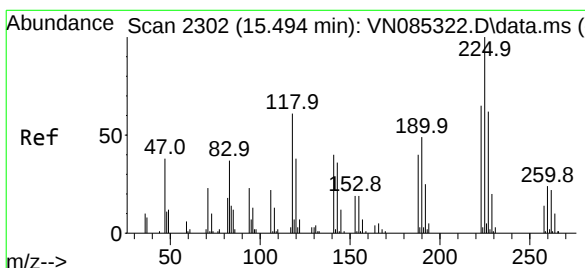
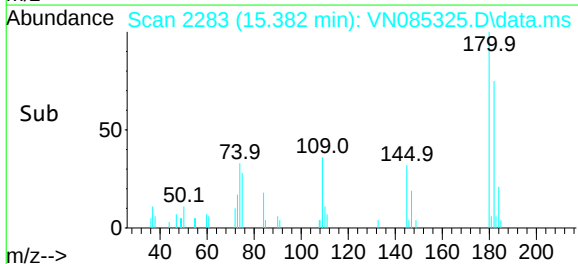
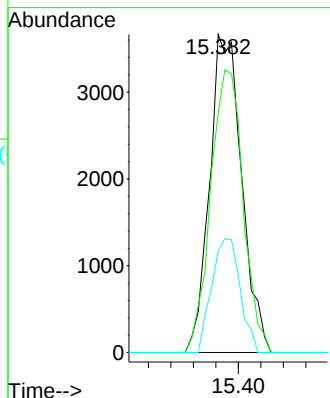
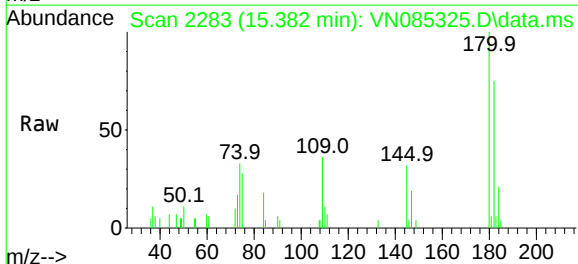
Tgt Ion:	180	Resp:	7250
Ion Ratio	Lower	Upper	
180	100		
182	90.0	47.2	141.6
145	31.7	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#94

Hexachlorobutadiene

Concen: 5.402 ug/l

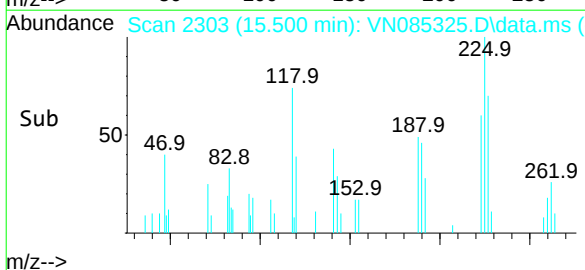
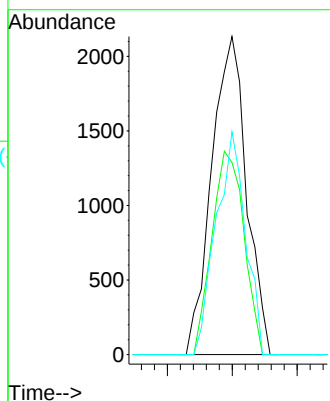
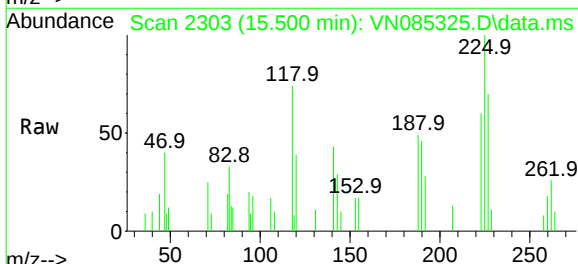
RT: 15.500 min Scan# 2303

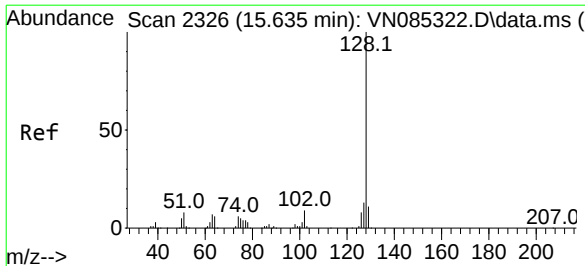
Delta R.T. 0.006 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Tgt Ion:	225	Resp:	3976
Ion Ratio	Lower	Upper	
225	100		
223	58.8	31.6	94.7
227	59.1	30.3	91.0





#95

Naphthalene

Concen: 4.572 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

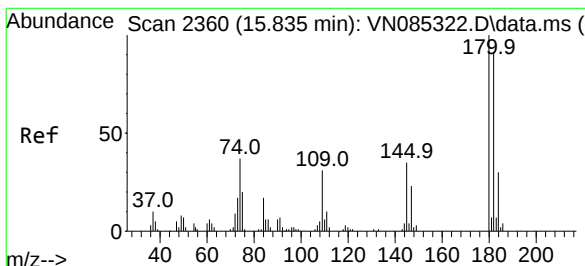
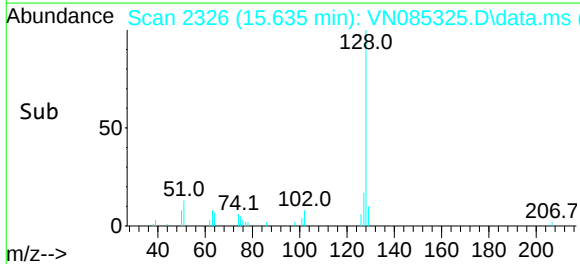
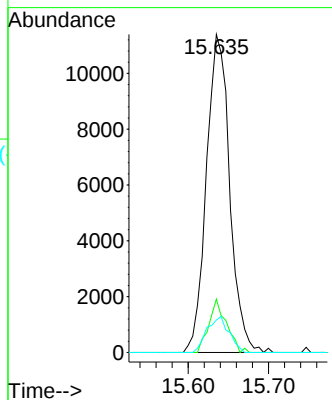
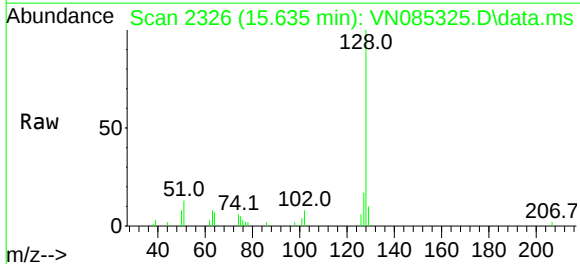
Tgt Ion:	128	Resp:	22967
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.7	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#96

1,2,3-Trichlorobenzene

Concen: 5.131 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085325.D

Acq: 27 Dec 2024 12:01

Tgt Ion:	180	Resp:	7594
Ion	Ratio	Lower	Upper
180	100		
182	90.4	46.8	140.4
145	29.6	17.2	51.6

