

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085324.D
 Acq On : 27 Dec 2024 11:37
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 28 01:12:12 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	8.218	168	139803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	91601	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	19346	9.702	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	19.400%#
35) Dibromofluoromethane	8.159	113	15144	9.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	19.480%#
50) Toluene-d8	10.565	98	53607	9.392	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	18.780%#
62) 4-Bromofluorobenzene	12.841	95	17328	9.141	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	18.280%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	19552	10.341	ug/l	97
3) Chloromethane	2.359	50	20670	9.727	ug/l #	88
4) Vinyl Chloride	2.518	62	21838	9.717	ug/l	95
5) Bromomethane	2.965	94	15112	10.281	ug/l	84
6) Chloroethane	3.130	64	14417	10.115	ug/l	97
7) Trichlorofluoromethane	3.495	101	30029	10.165	ug/l	90
8) Diethyl Ether	3.965	74	10096	10.321	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	17168	10.214	ug/l	99
10) Methyl Iodide	4.589	142	18635	9.579	ug/l #	90
11) Tert butyl alcohol	5.506	59	12805	51.284	ug/l	96
12) 1,1-Dichloroethene	4.342	96	15070	9.700	ug/l	90
13) Acrolein	4.183	56	19853	50.999	ug/l	98
14) Allyl chloride	5.030	41	25157	10.118	ug/l	95
15) Acrylonitrile	5.718	53	39955	50.842	ug/l	97
16) Acetone	4.424	43	32542	49.631	ug/l	92
17) Carbon Disulfide	4.712	76	44938	9.508	ug/l	98
18) Methyl Acetate	5.018	43	20355	10.140	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	50046	9.911	ug/l	94
20) Methylene Chloride	5.277	84	17446	9.892	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	15908	9.802	ug/l	96
22) Diisopropyl ether	6.665	45	53406	9.967	ug/l	99
23) Vinyl Acetate	6.600	43	189768m	49.267	ug/l	
24) 1,1-Dichloroethane	6.565	63	31897	9.883	ug/l	99
25) 2-Butanone	7.482	43	50628	49.771	ug/l	100
26) 2,2-Dichloropropane	7.488	77	27809	9.834	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	18276	9.595	ug/l	91
28) Bromochloromethane	7.812	49	14957	9.972	ug/l #	99
29) Tetrahydrofuran	7.835	42	33255	50.752	ug/l	98
30) Chloroform	7.959	83	32453	9.828	ug/l	99
31) Cyclohexane	8.253	56	29511	10.013	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	29271	9.926	ug/l	93
36) 1,1-Dichloropropene	8.365	75	22034	9.675	ug/l	99
37) Ethyl Acetate	7.559	43	23298	10.292	ug/l	97
38) Carbon Tetrachloride	8.359	117	24491	9.866	ug/l	99
39) Methylcyclohexane	9.600	83	22448	9.500	ug/l	98
40) Benzene	8.600	78	67603	9.818	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	12091	10.429	ug/l	95
42) 1,2-Dichloroethane	8.671	62	24635	9.979	ug/l	100
43) Isopropyl Acetate	8.682	43	35967	9.650	ug/l	98
44) Trichloroethene	9.347	130	15441	9.472	ug/l	99
45) 1,2-Dichloropropane	9.618	63	17511	10.018	ug/l	99
46) Dibromomethane	9.706	93	12378	10.182	ug/l	98
47) Bromodichloromethane	9.882	83	25444	10.070	ug/l	94
48) Methyl methacrylate	9.676	41	15633	9.666	ug/l	97
49) 1,4-Dioxane	9.688	88	5366	219.898	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	106569	50.877	ug/l	100
52) Toluene	10.629	92	40396	9.853	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	24100	9.699	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	26207	9.754	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	14839	9.586	ug/l	90
56) Ethyl methacrylate	10.871	69	22666	10.054	ug/l	99
57) 1,3-Dichloropropane	11.159	76	26800	9.864	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	57793	52.985	ug/l	100
59) 2-Hexanone	11.188	43	73420	50.521	ug/l	100
60) Dibromochloromethane	11.353	129	17232	9.884	ug/l	99
61) 1,2-Dibromoethane	11.465	107	15412	10.064	ug/l	98
64) Tetrachloroethene	11.094	164	14273	10.457	ug/l	97
65) Chlorobenzene	11.888	112	44413	9.541	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.953	131	15107	9.670	ug/l	98
67) Ethyl Benzene	11.959	91	73883	9.544	ug/l	97
68) m/p-Xylenes	12.065	106	54643	19.288	ug/l	98
69) o-Xylene	12.400	106	26323	9.605	ug/l	95
70) Styrene	12.406	104	41517	9.347	ug/l	97
71) Bromoform	12.570	173	10628	9.822	ug/l #	96
73) Isopropylbenzene	12.694	105	65872	10.000	ug/l	98
74) N-amyl acetate	12.488	43	27209	9.650	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	21045	10.031	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	17525m	9.959	ug/l	
77) Bromobenzene	12.976	156	16311	9.995	ug/l	97
78) n-propylbenzene	13.029	91	78022	10.161	ug/l	98
79) 2-Chlorotoluene	13.123	91	49236	10.189	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	54193	10.171	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.729	75	6879m	9.676	ug/l	
82) 4-Chlorotoluene	13.217	91	48752	10.017	ug/l	100
83) tert-Butylbenzene	13.435	119	45946	9.955	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	53034	9.996	ug/l	97
85) sec-Butylbenzene	13.612	105	64824	10.118	ug/l	100
86) p-Isopropyltoluene	13.723	119	52240	9.726	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	28481	9.627	ug/l	97
88) 1,4-Dichlorobenzene	13.806	146	29343	9.656	ug/l	95
89) n-Butylbenzene	14.053	91	44284	9.440	ug/l	99
90) Hexachloroethane	14.329	117	10091	9.609	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	29163	10.348	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.711	75	3666	9.818	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	13416	9.538	ug/l	97
94) Hexachlorobutadiene	15.500	225	6870	9.830	ug/l	98
95) Naphthalene	15.641	128	44712	9.374	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	14070	10.012	ug/l	99

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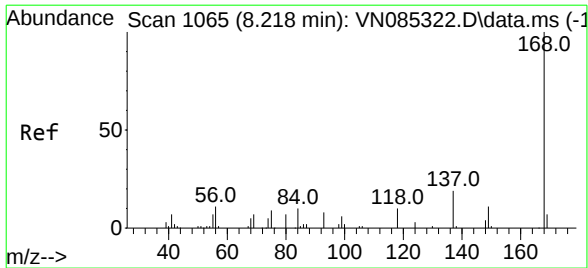
Manual Integrations
APPROVED

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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

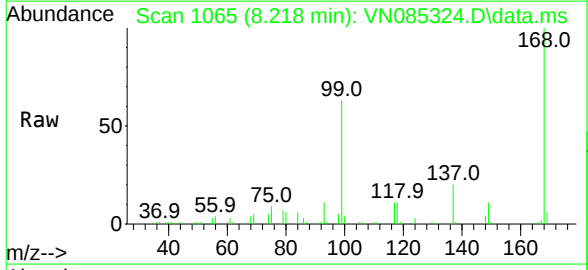
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

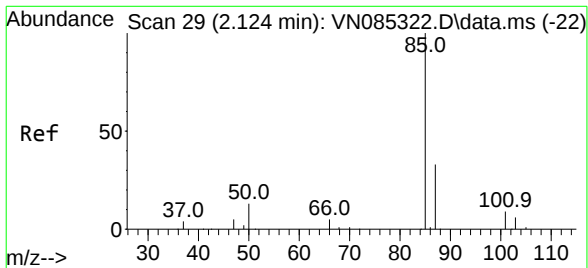
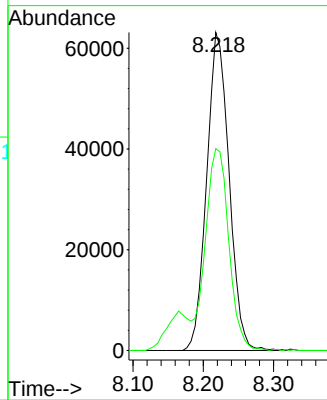
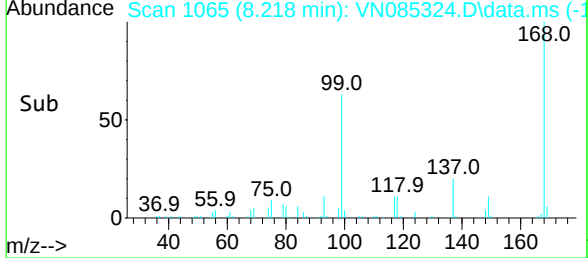
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



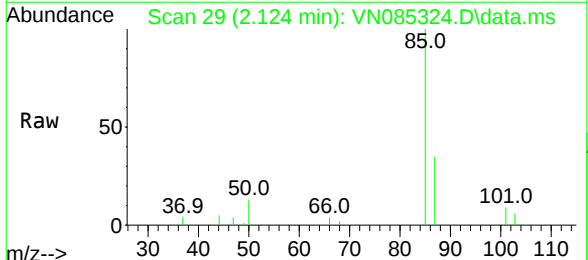
Tgt Ion:168 Resp: 139803
Ion Ratio Lower Upper
168 100
99 63.1 51.0 76.4

Manual Integrations
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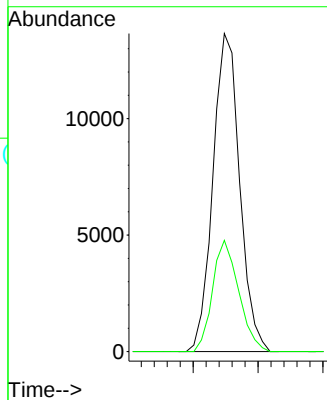
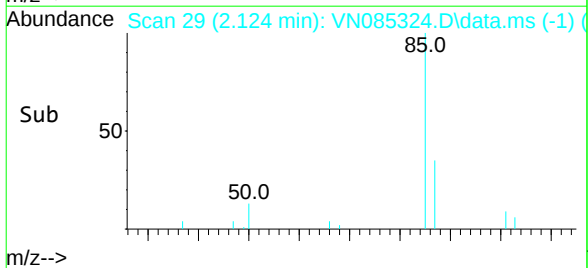
Reviewed By :John Carlone 12/30/2024
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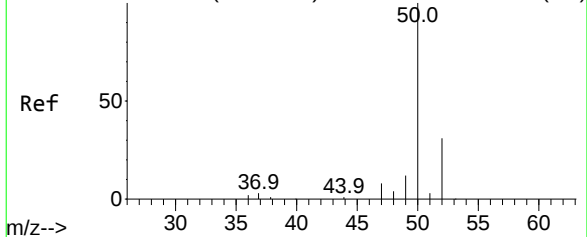
#2
Dichlorodifluoromethane
Concen: 10.341 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37



Tgt Ion: 85 Resp: 19552
Ion Ratio Lower Upper
85 100
87 35.0 16.8 50.3



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



#3

Chloromethane

Concen: 9.727 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 50 Resp: 20670

Ion Ratio Lower Upper

50 100

52 38.1 25.1 37.7#

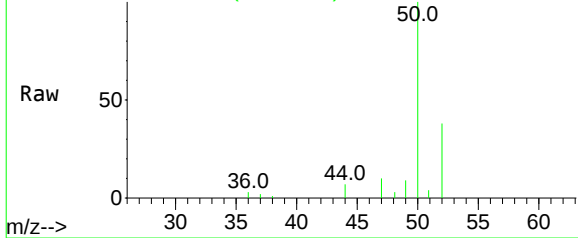
Manual Integrations

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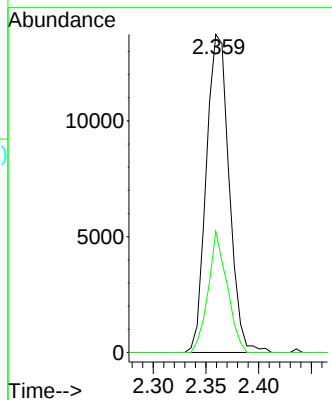
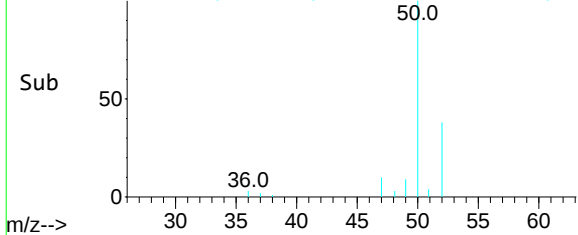
Reviewed By :John Carlone 12/30/2024

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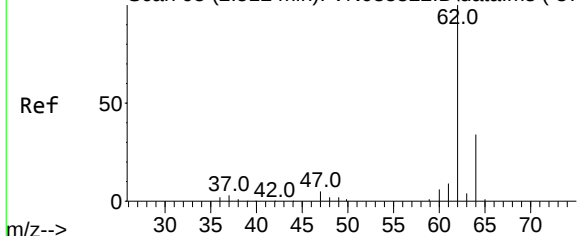
Abundance Scan 69 (2.359 min): VN085324.D\data.ms



Abundance Scan 69 (2.359 min): VN085324.D\data.ms (-18)



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



#4

Vinyl Chloride

Concen: 9.717 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

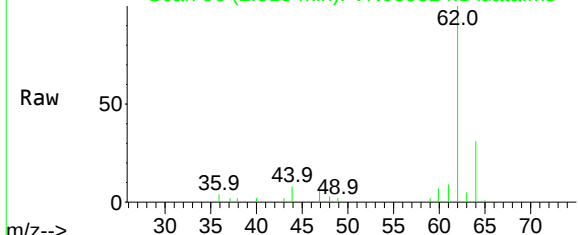
Tgt Ion: 62 Resp: 21838

Ion Ratio Lower Upper

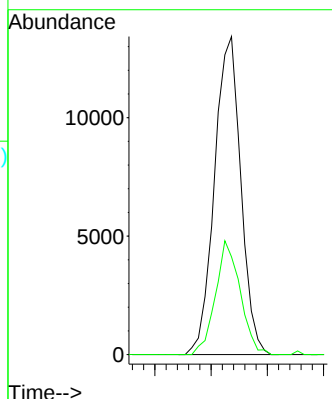
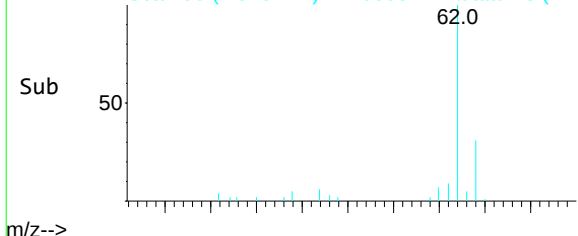
62 100

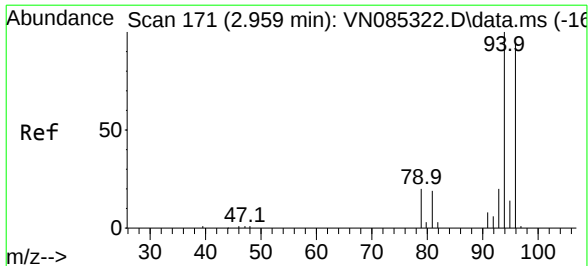
64 30.7 27.0 40.6

Abundance Scan 96 (2.518 min): VN085324.D\data.ms



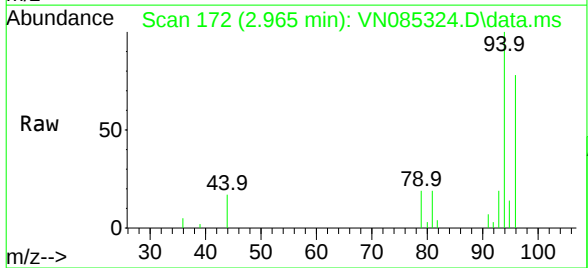
Abundance Scan 96 (2.518 min): VN085324.D\data.ms (-44)





#5
Bromomethane
Concen: 10.281 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

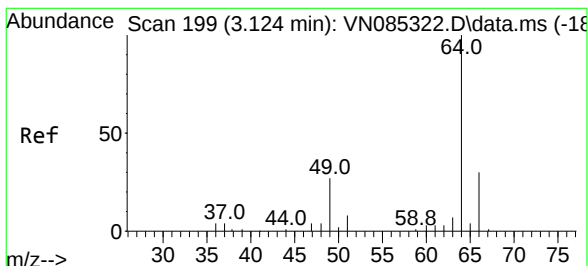
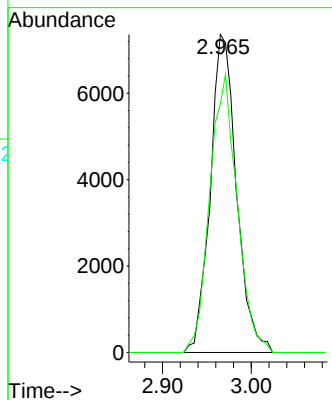
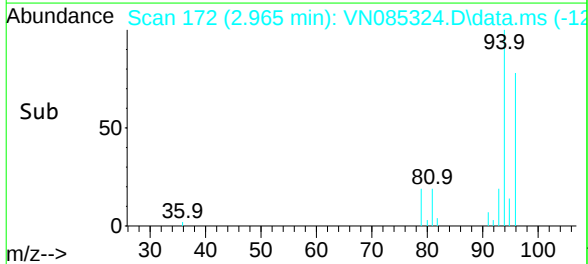
Instrument :
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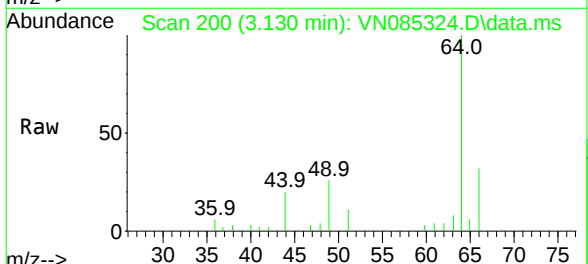
Tgt Ion: 94 Resp: 15112
Ion Ratio Lower Upper
94 100
96 78.1 75.2 112.8

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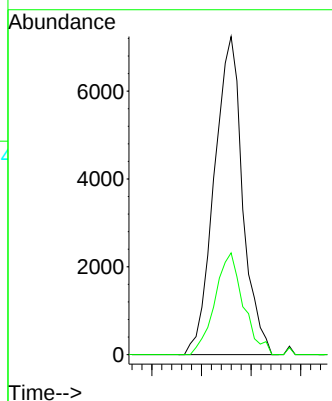
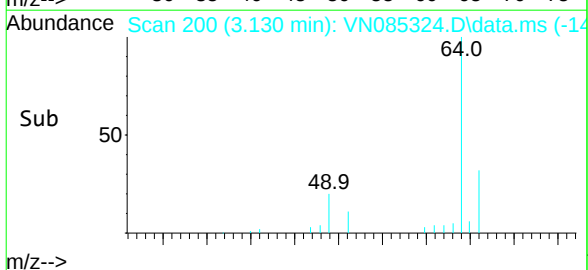
Reviewed By :John Carlone 12/30/2024
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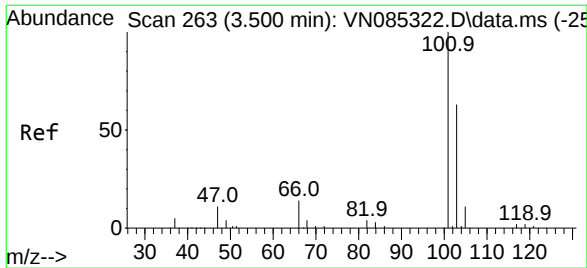


#6
Chloroethane
Concen: 10.115 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37



Tgt Ion: 64 Resp: 14417
Ion Ratio Lower Upper
64 100
66 32.0 24.1 36.1





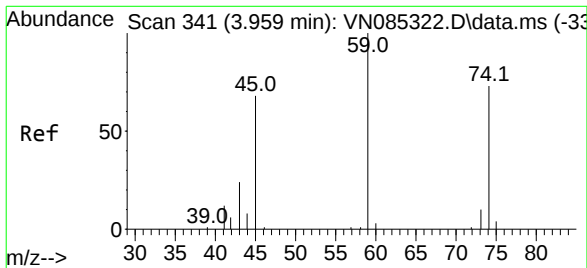
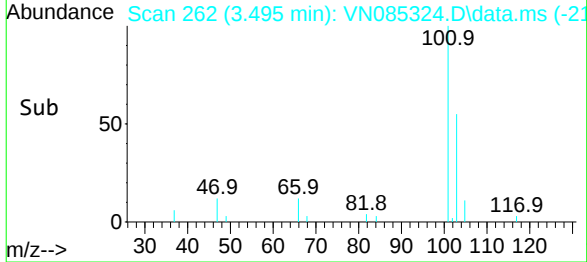
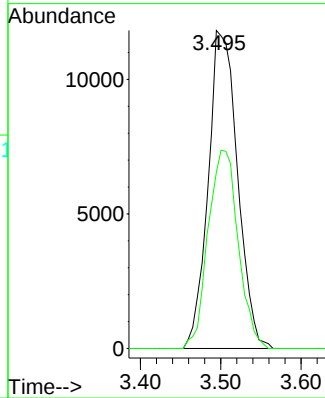
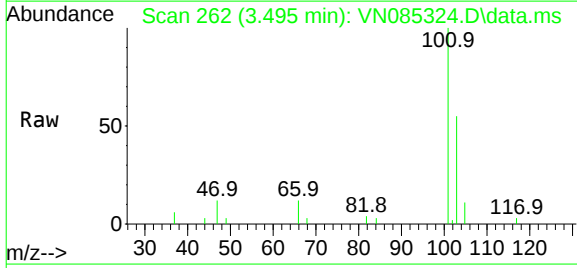
#7
 Trichlorofluoromethane
 Concen: 10.165 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085324.D
 Acq: 27 Dec 2024 11:37

Instrument :
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Tgt Ion:101 Resp: 30029
 Ion Ratio Lower Upper
 101 100
 103 55.4 50.3 75.5

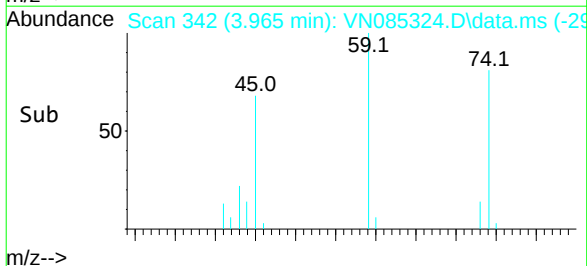
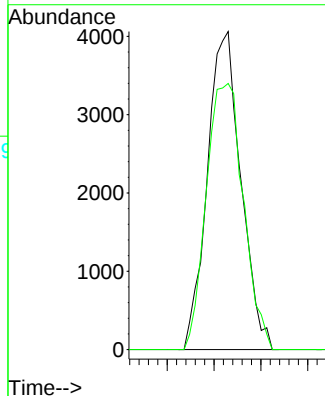
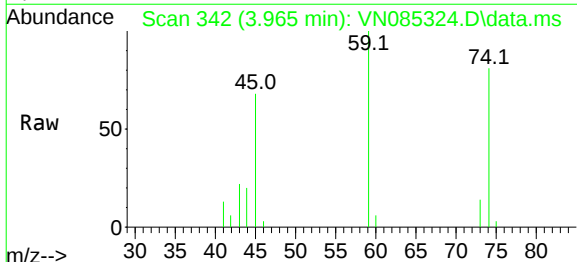
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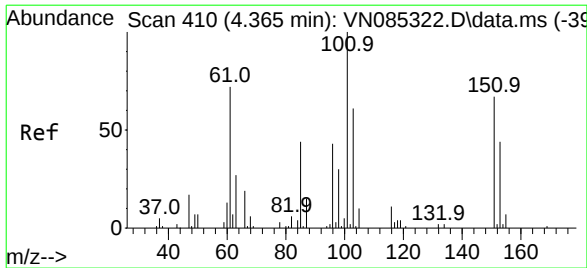
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#8
 Diethyl Ether
 Concen: 10.321 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN085324.D
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Tgt Ion: 74 Resp: 10096
 Ion Ratio Lower Upper
 74 100
 45 92.6 47.5 142.6





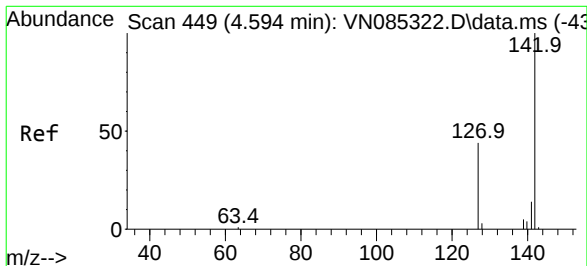
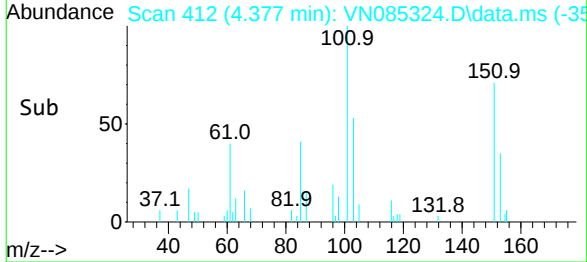
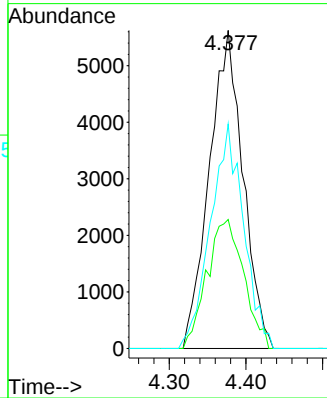
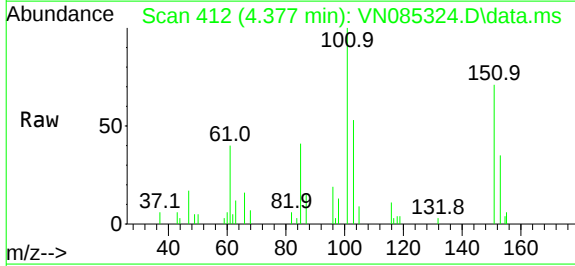
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.214 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 17168
Ion Ratio Lower Upper
101 100
85 44.2 36.2 54.4
151 69.6 55.8 83.6

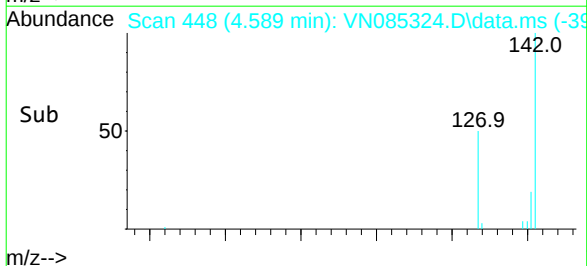
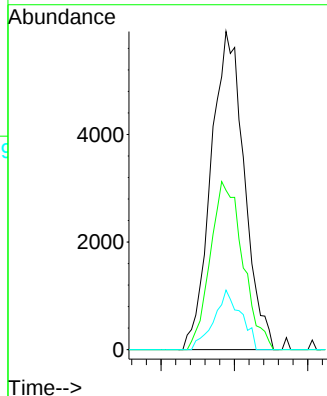
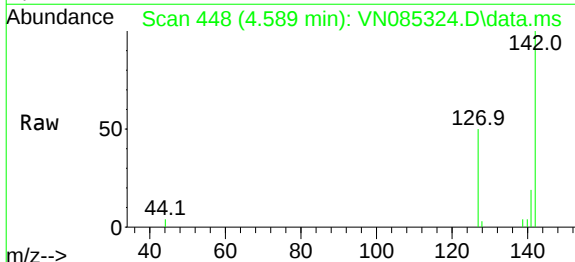
Manual Integrations
APPROVED

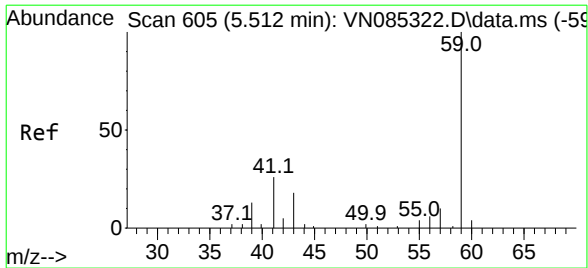
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#10
Methyl Iodide
Concen: 9.579 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion:142 Resp: 18635
Ion Ratio Lower Upper
142 100
127 50.1 35.3 52.9
141 18.7 11.5 17.3#





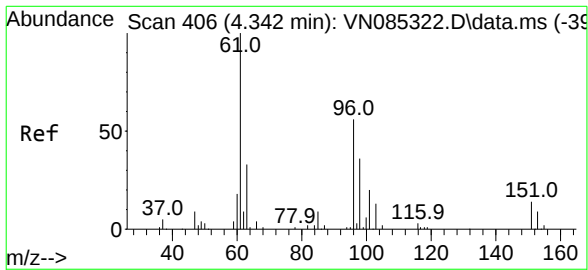
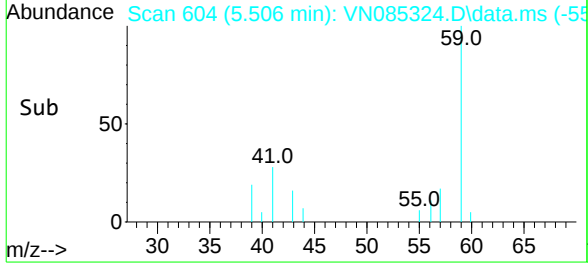
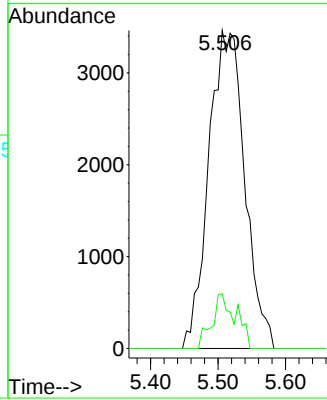
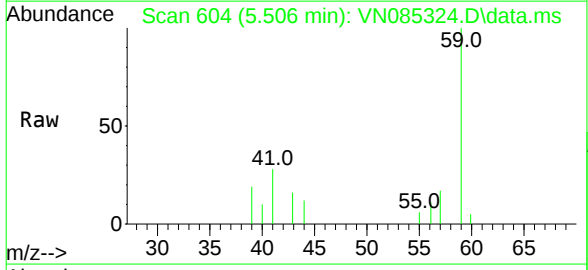
#11
Tert butyl alcohol
Concen: 51.284 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:	59	Resp:	12805
Ion	Ratio	Lower	Upper
59	100		
57	8.7	8.1	12.1

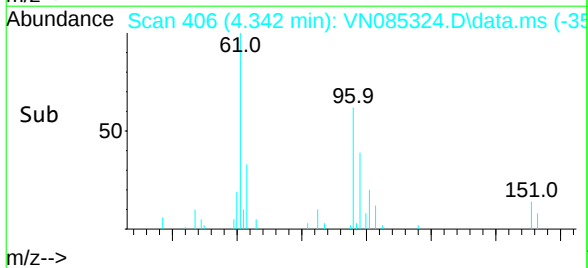
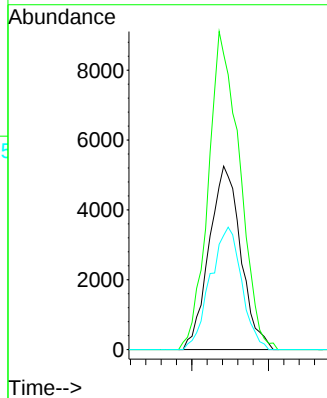
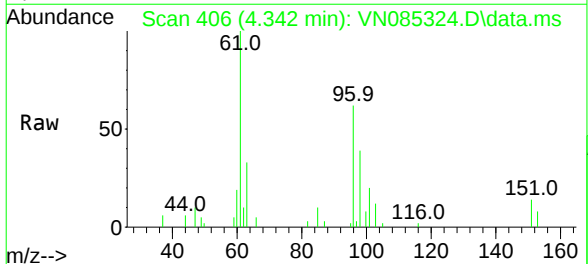
Manual Integrations
APPROVED

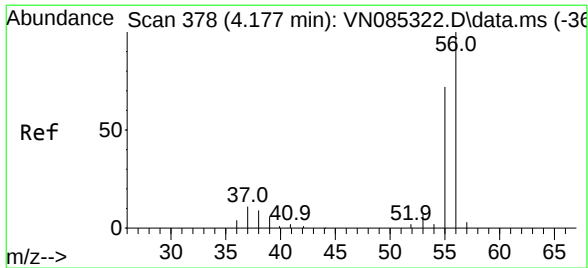
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#12
1,1-Dichloroethene
Concen: 9.700 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion:	96	Resp:	15070
Ion	Ratio	Lower	Upper
96	100		
61	161.1	142.4	213.6
98	62.3	51.5	77.3





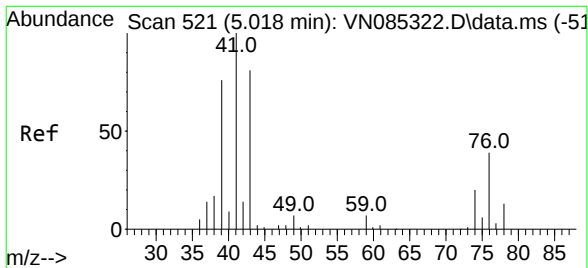
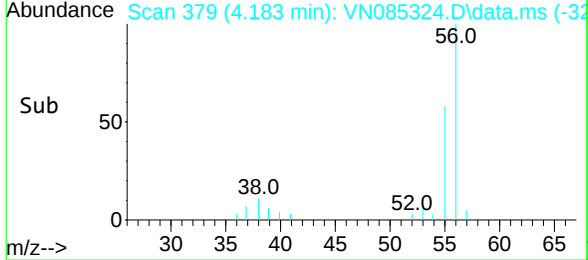
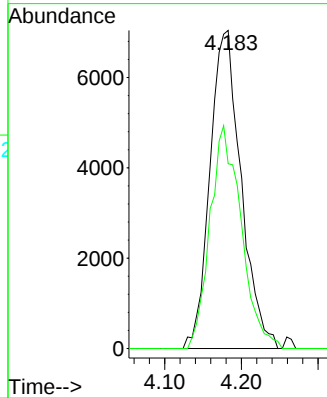
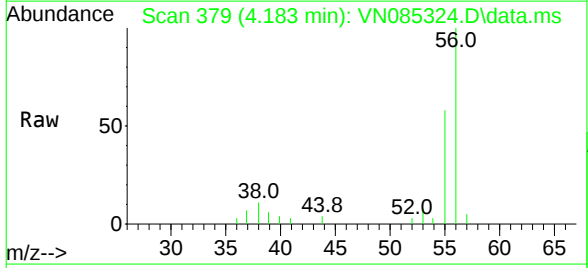
#13
Acrolein
Concen: 50.999 ug/l
RT: 4.183 min Scan# 37
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 19853
Ion Ratio Lower Upper
56 100
55 70.1 57.5 86.3

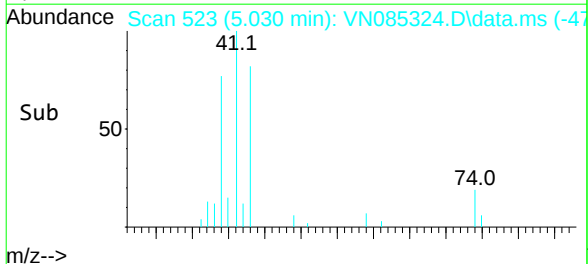
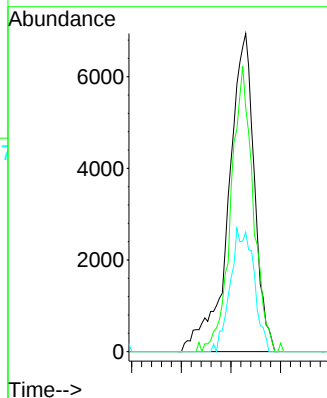
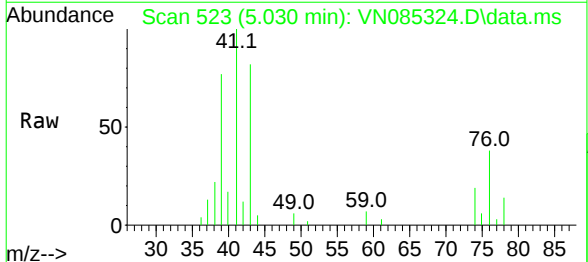
Manual Integrations
APPROVED

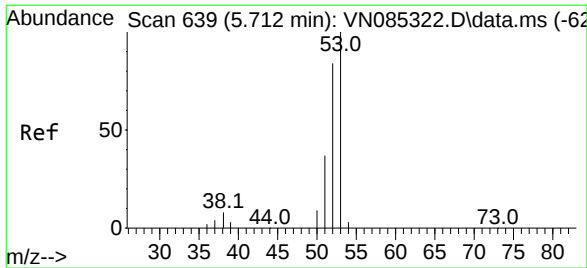
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#14
Allyl chloride
Concen: 10.118 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

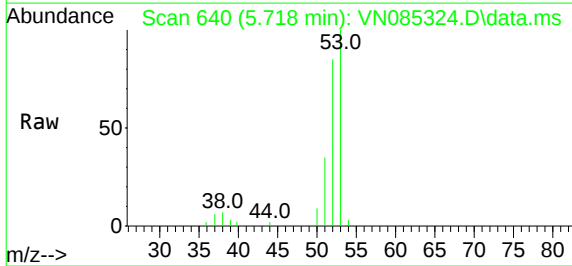
Tgt Ion: 41 Resp: 25157
Ion Ratio Lower Upper
41 100
39 76.8 64.4 96.6
76 35.2 31.5 47.3





#15
Acrylonitrile
Concen: 50.842 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

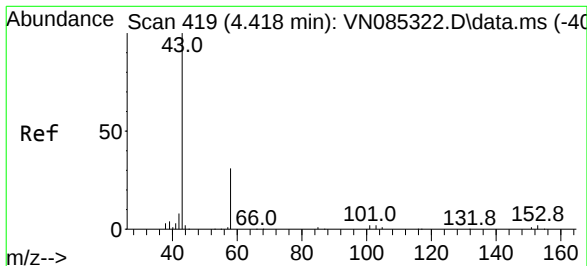
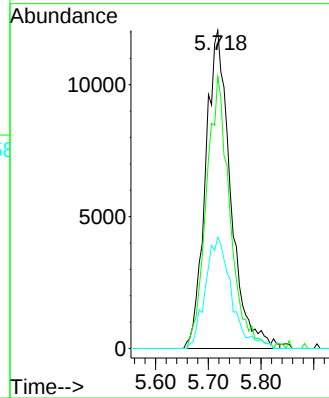
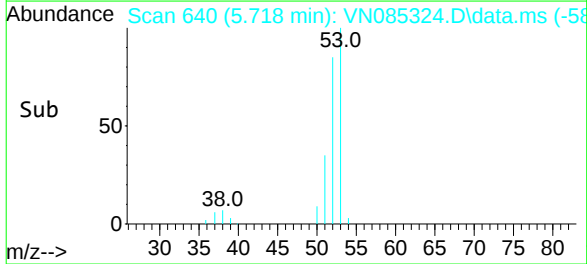
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 39955
Ion Ratio Lower Upper
53 100
52 79.7 66.6 100.0
51 36.5 29.6 44.4

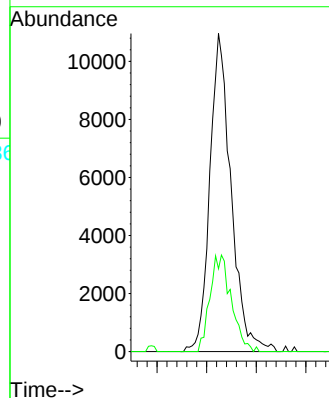
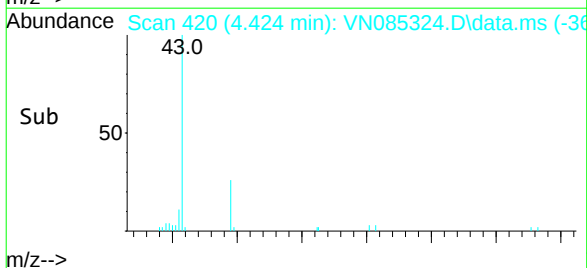
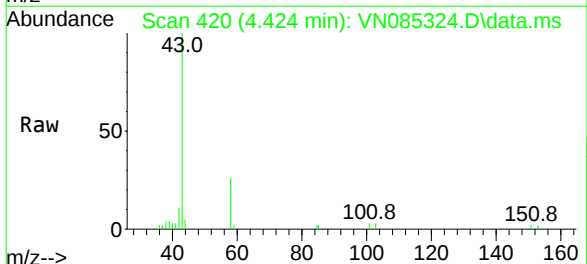
Manual Integrations
APPROVED

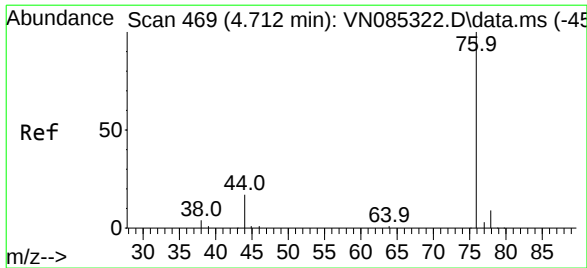
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#16
Acetone
Concen: 49.631 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

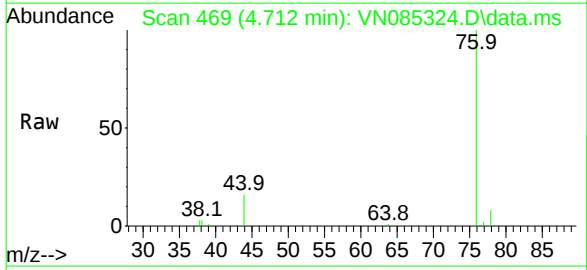
Tgt Ion: 43 Resp: 32542
Ion Ratio Lower Upper
43 100
58 26.0 24.5 36.7





#17
Carbon Disulfide
Concen: 9.508 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

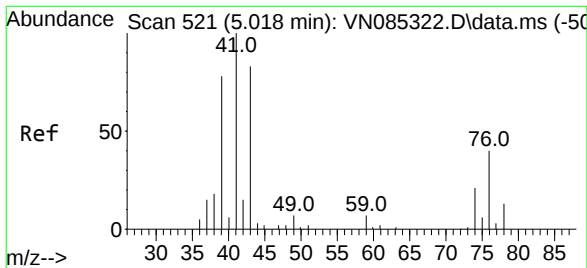
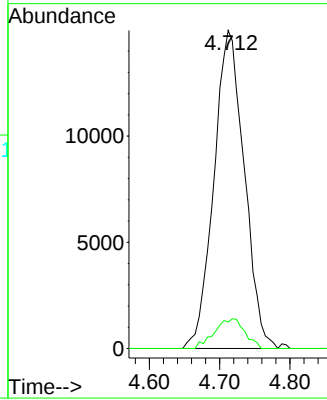
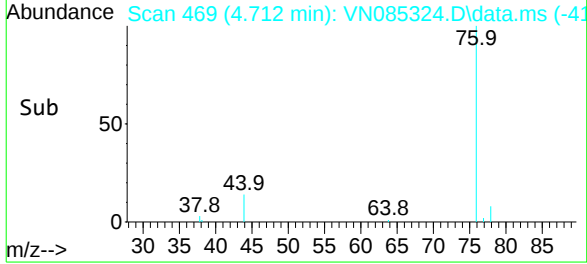
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



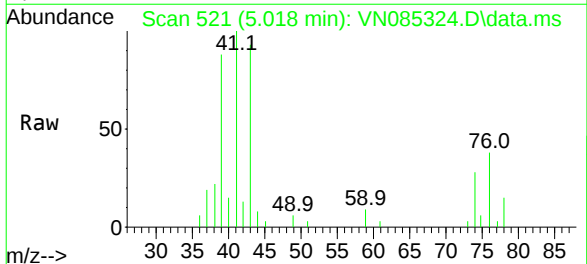
Tgt Ion: 76 Resp: 44938
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

Manual Integrations
APPROVED

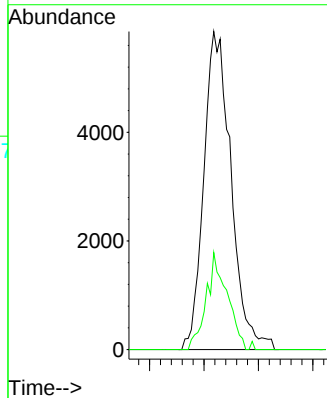
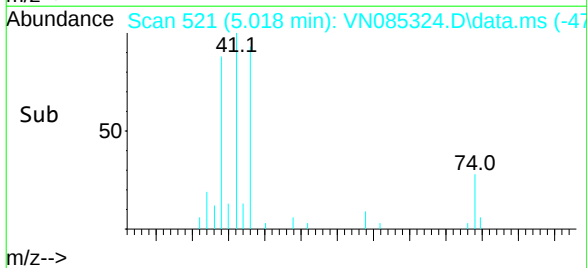
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

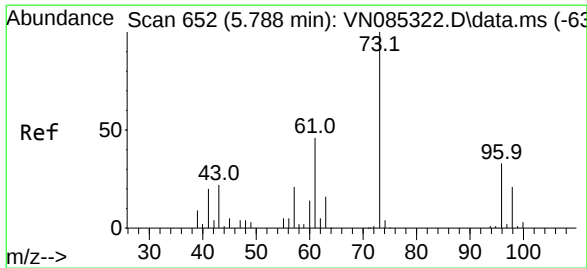


#18
Methyl Acetate
Concen: 10.140 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37



Tgt Ion: 43 Resp: 20355
Ion Ratio Lower Upper
43 100
74 23.4 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 9.911 ug/l

RT: 5.783 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 50046

Ion Ratio Lower Upper

73 100

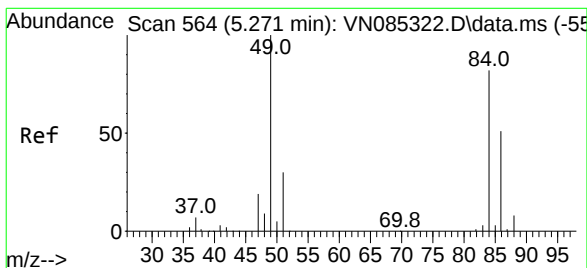
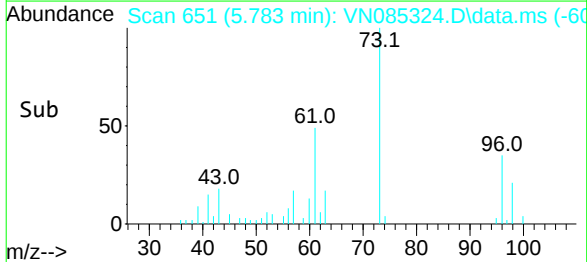
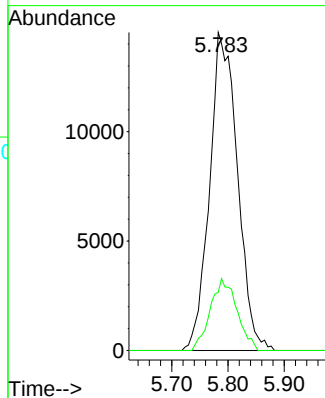
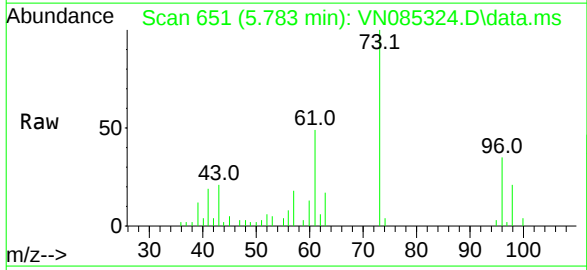
57 18.3 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#20

Methylene Chloride

Concen: 9.892 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

Tgt Ion: 84 Resp: 17446

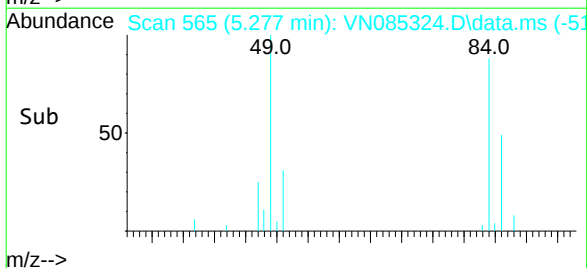
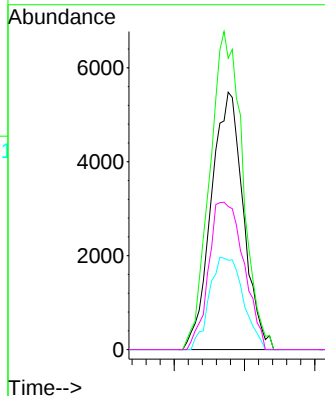
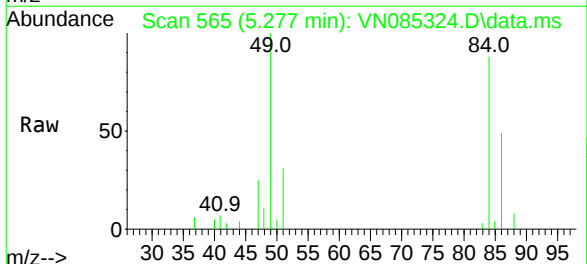
Ion Ratio Lower Upper

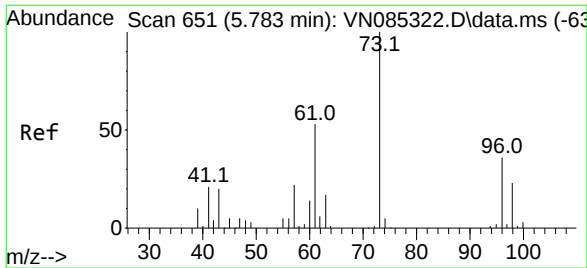
84 100

49 113.2 97.6 146.4

51 34.7 29.1 43.7

86 55.6 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 9.802 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 96 Resp: 15908

Ion Ratio Lower Upper

96 100

61 142.2 118.0 177.0

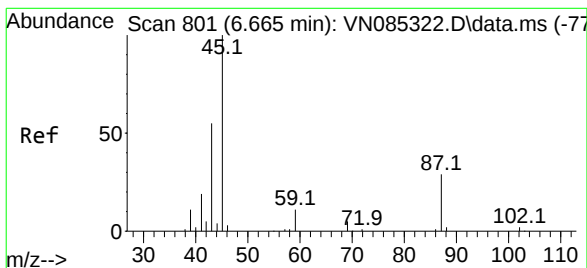
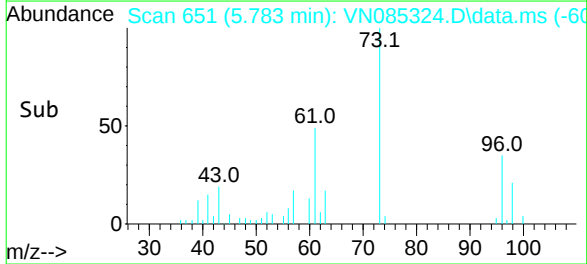
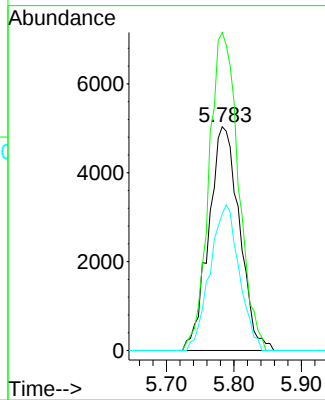
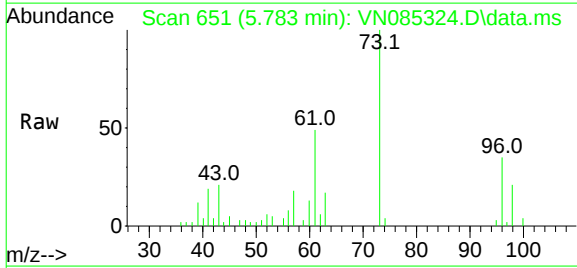
98 61.0 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#22

Diisopropyl ether

Concen: 9.967 ug/l

RT: 6.665 min Scan# 801

Delta R.T. 0.000 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

Tgt Ion: 45 Resp: 53406

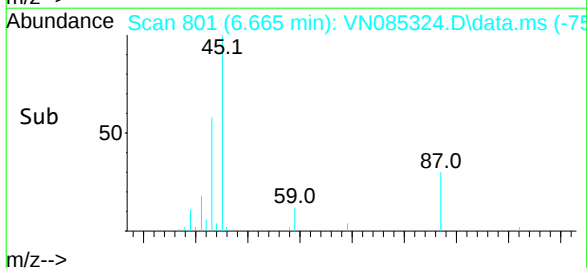
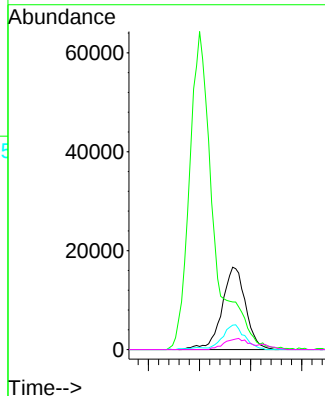
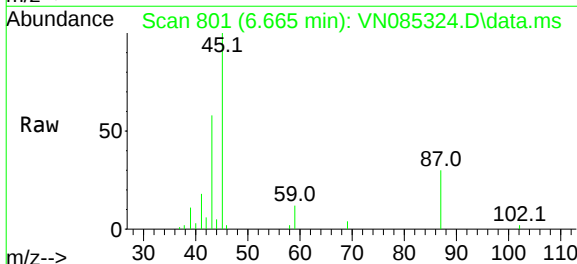
Ion Ratio Lower Upper

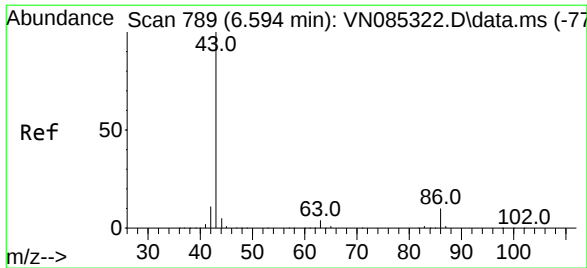
45 100

43 55.7 44.1 66.1

87 29.7 23.2 34.8

59 11.9 9.0 13.6





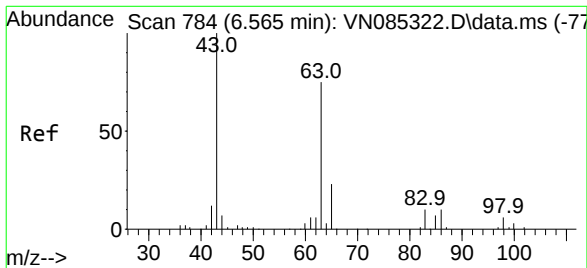
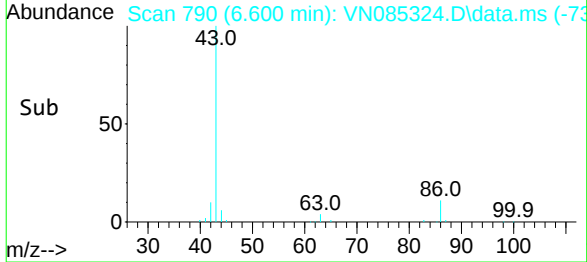
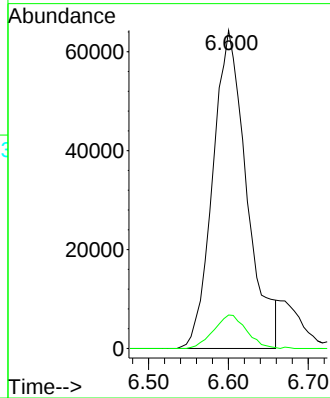
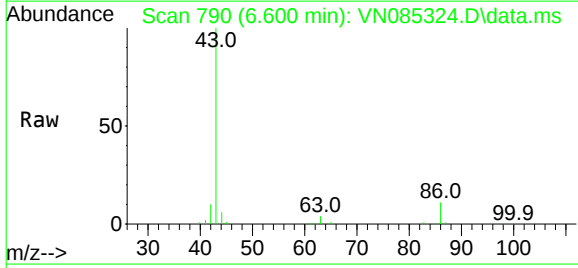
#23
 Vinyl Acetate
 Concen: 49.267 ug/l m
 RT: 6.600 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: VN085324.D
 Acq: 27 Dec 2024 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 189768
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.0 12.0

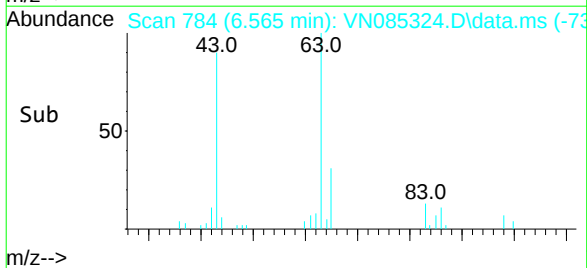
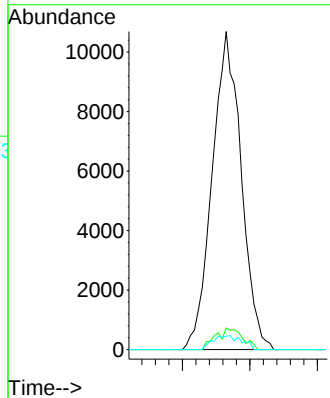
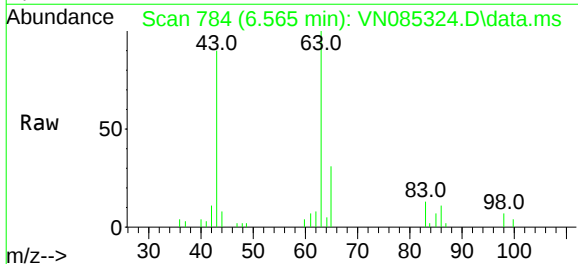
Manual Integrations
 APPROVED

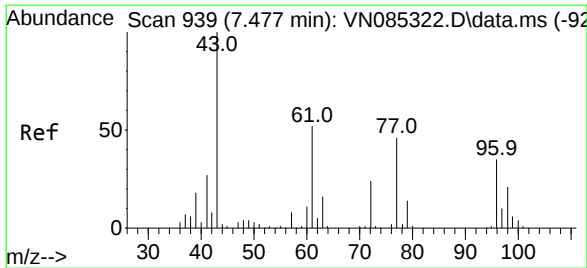
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#24
 1,1-Dichloroethane
 Concen: 9.883 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085324.D
 Acq: 27 Dec 2024 11:37

Tgt Ion: 63 Resp: 31897
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 4.2 2.3 6.8





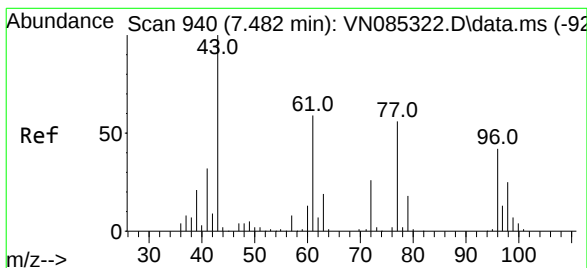
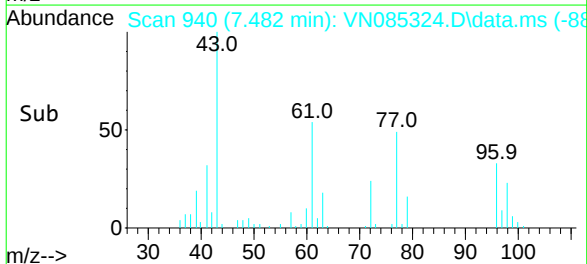
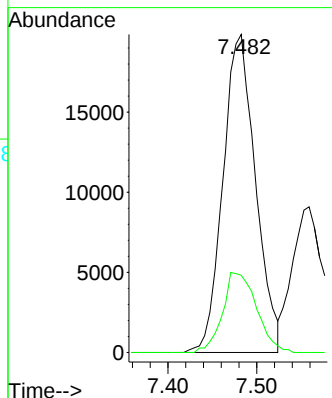
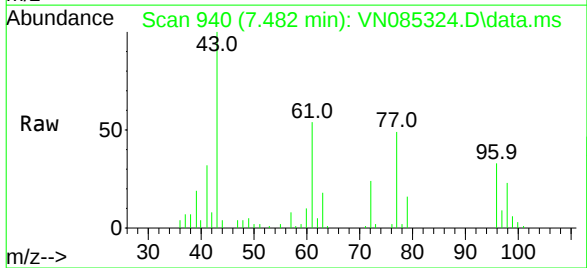
#25
2-Butanone
Concen: 49.771 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 50628
Ion Ratio Lower Upper
43 100
72 24.3 19.6 29.4

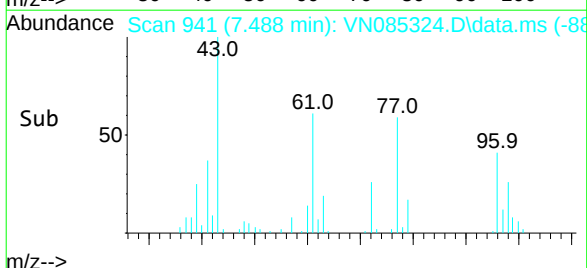
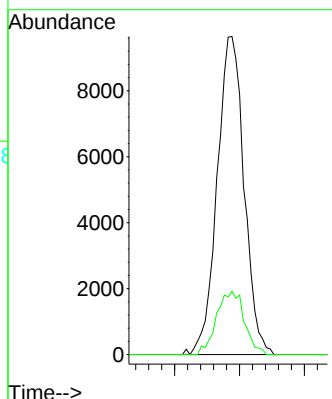
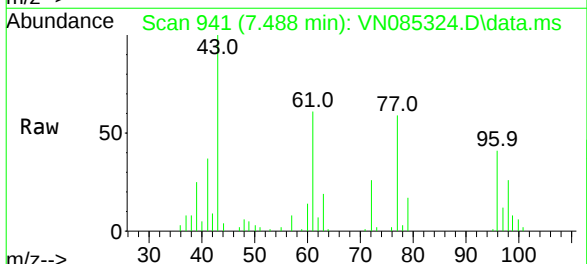
Manual Integrations
APPROVED

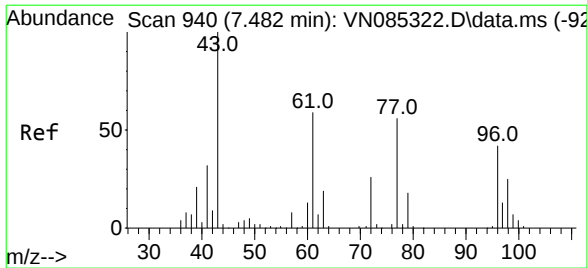
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#26
2,2-Dichloropropane
Concen: 9.834 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

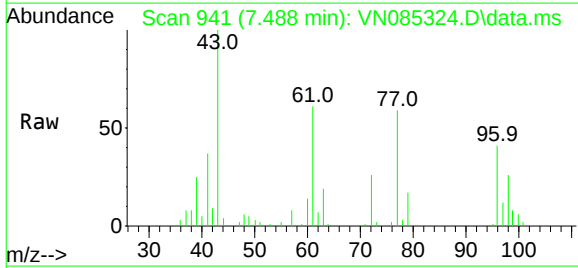
Tgt Ion: 77 Resp: 27809
Ion Ratio Lower Upper
77 100
97 20.5 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 9.595 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085324.D
 Acq: 27 Dec 2024 11:37

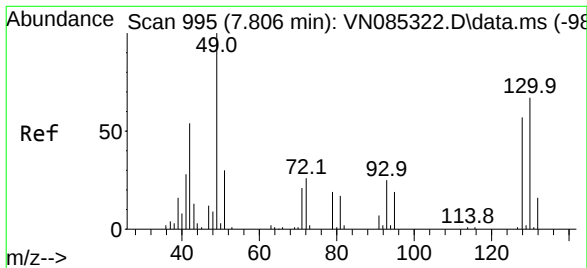
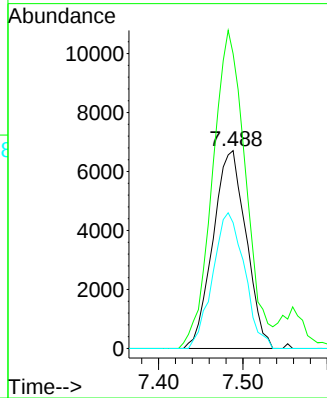
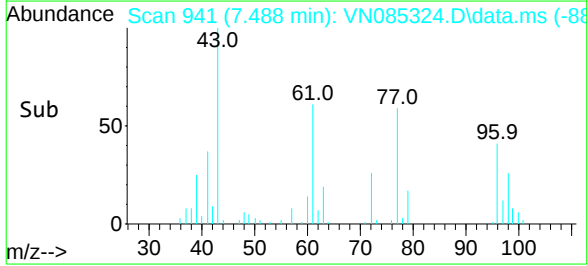
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010



Tgt Ion: 96 Resp: 18276
 Ion Ratio Lower Upper
 96 100
 61 160.9 0.0 296.4
 98 66.0 0.0 124.2

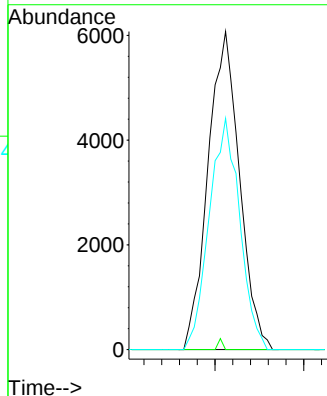
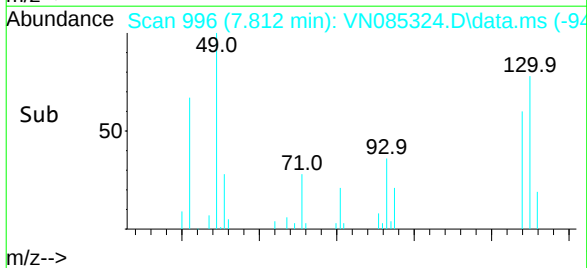
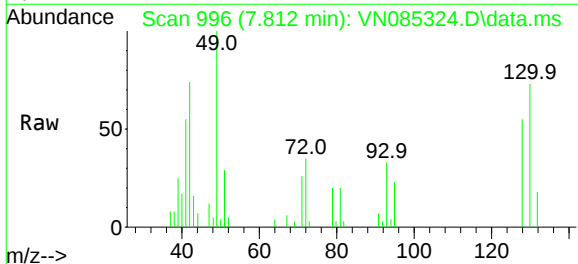
Manual Integrations
 APPROVED

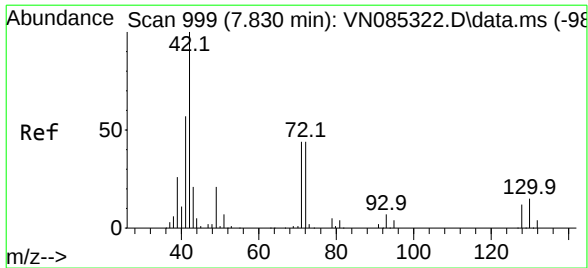
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#28
 Bromochloromethane
 Concen: 9.972 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085324.D
 Acq: 27 Dec 2024 11:37

Tgt Ion: 49 Resp: 14957
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 2.0
 130 70.3 0.0 0.0#





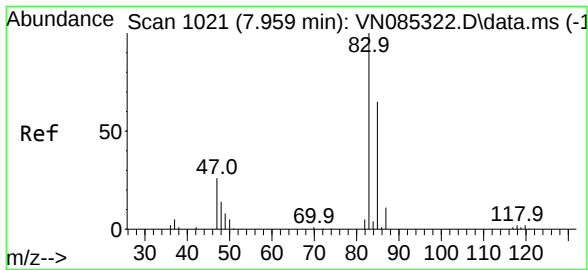
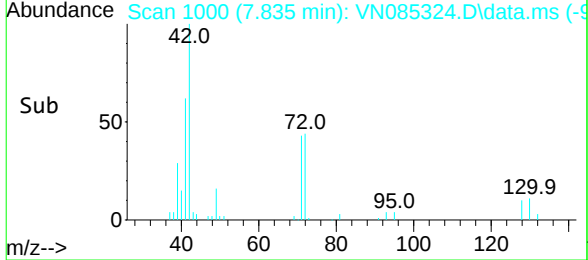
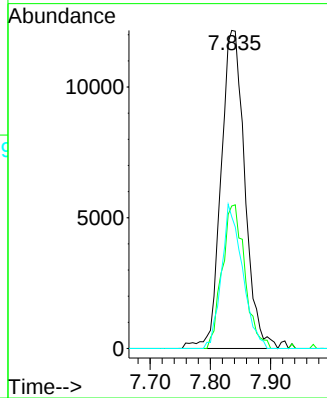
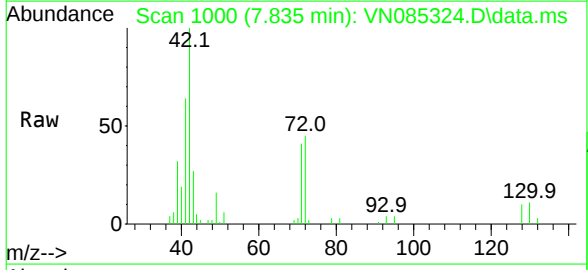
#29
Tetrahydrofuran
Concen: 50.752 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 42 Resp: 33255
Ion Ratio Lower Upper
42 100
72 43.2 35.1 52.7
71 40.0 33.4 50.0

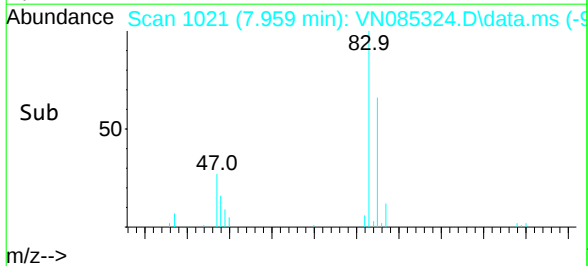
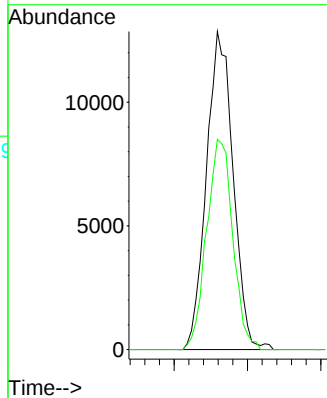
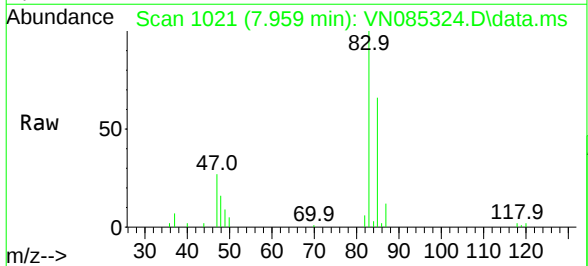
Manual Integrations
APPROVED

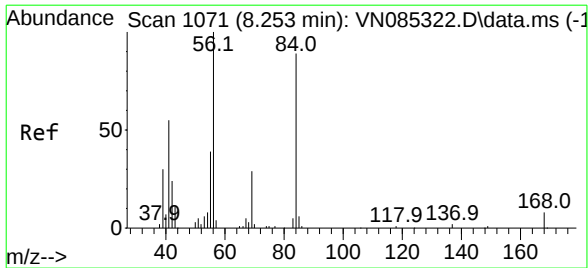
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#30
Chloroform
Concen: 9.828 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion: 83 Resp: 32453
Ion Ratio Lower Upper
83 100
85 66.1 52.0 78.0





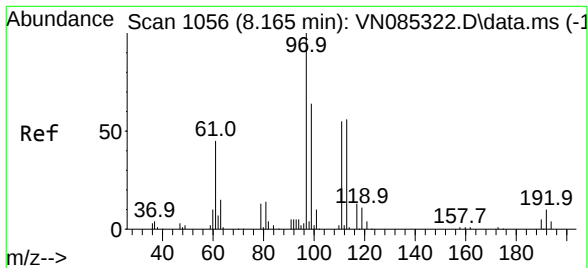
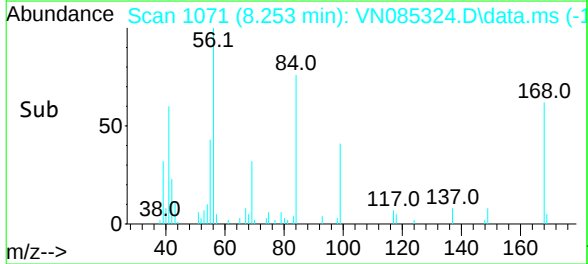
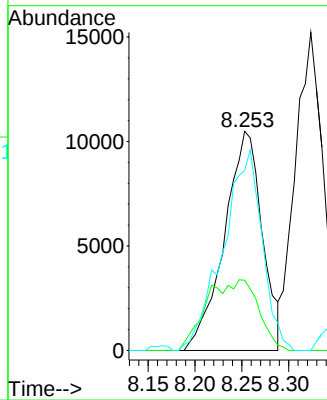
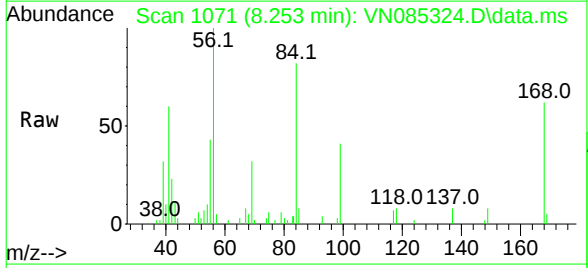
#31
Cyclohexane
Concen: 10.013 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:	56	Resp:	29511
Ion	Ratio	Lower	Upper
56	100		
69	32.1	23.4	35.0
84	82.3	71.0	106.6

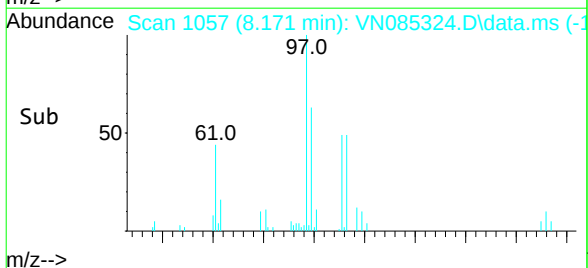
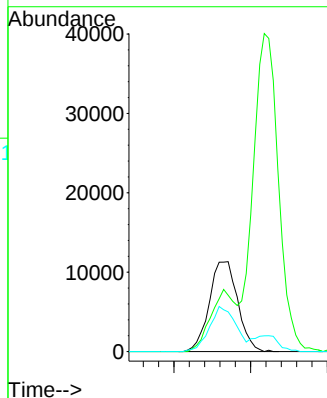
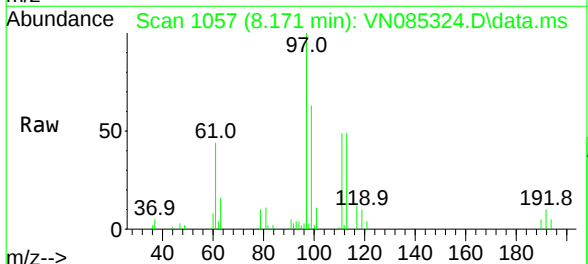
Manual Integrations
APPROVED

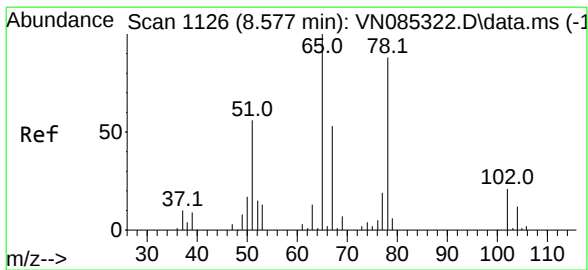
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#32
1,1,1-Trichloroethane
Concen: 9.926 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion:	97	Resp:	29271
Ion	Ratio	Lower	Upper
97	100		
99	59.4	53.3	79.9
61	46.2	39.6	59.4





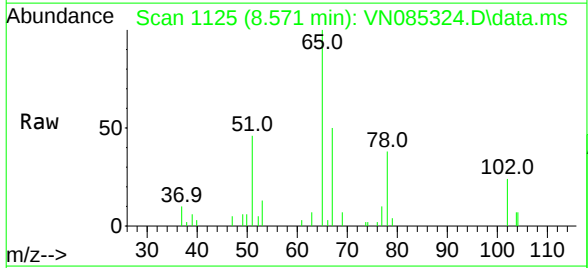
#33
 1,2-Dichloroethane-d4
 Concen: 9.702 ug/l
 RT: 8.571 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VN085324.D
 Acq: 27 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010



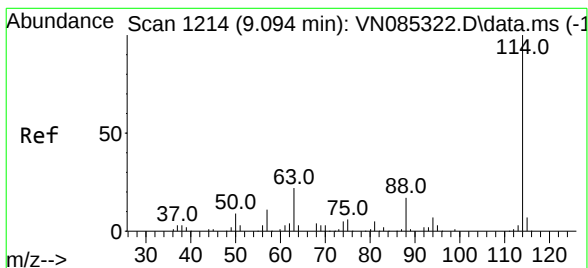
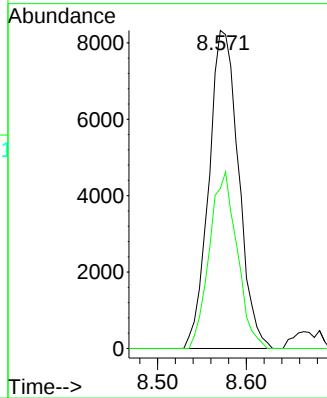
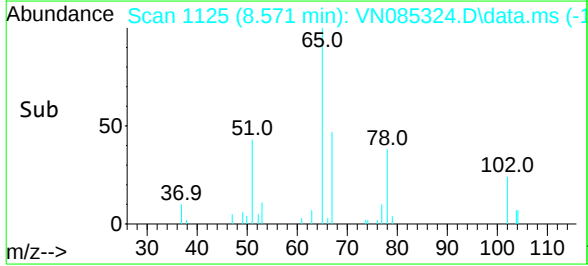
Tgt Ion: 65 Resp: 19346
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0

Manual Integrations

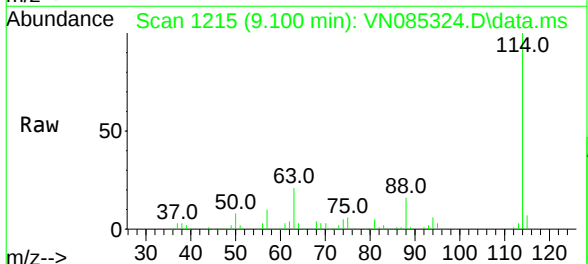
APPROVED

Reviewed By :John Carlone 12/30/2024

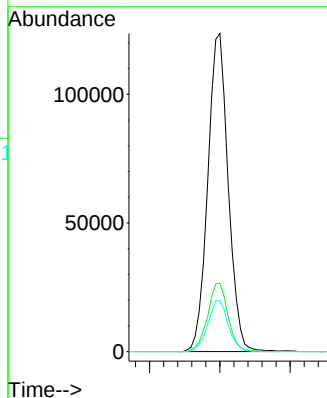
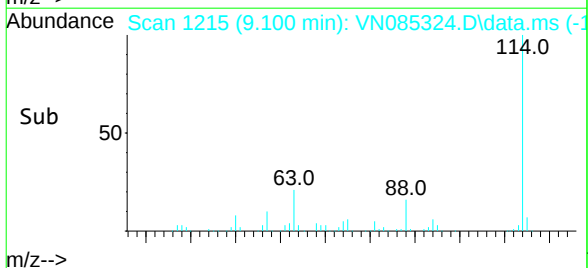
Supervised By :Mahesh Dadoda 12/30/2024

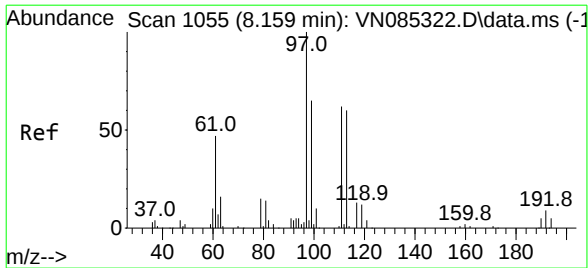


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085324.D
 Acq: 27 Dec 2024 11:37



Tgt Ion:114 Resp: 249332
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 15.9 0.0 33.6





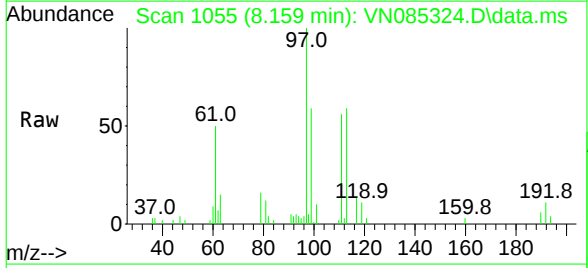
#35
 Dibromofluoromethane
 Concen: 9.736 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VN085324.D
 Acq: 27 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010



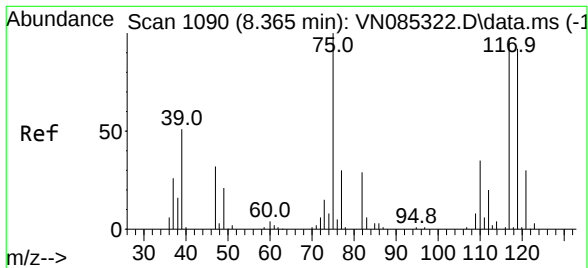
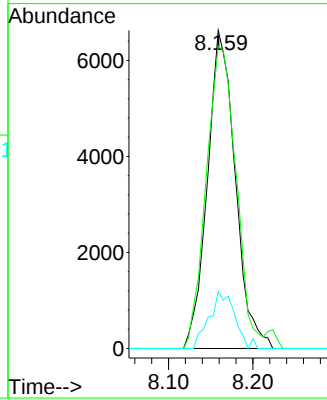
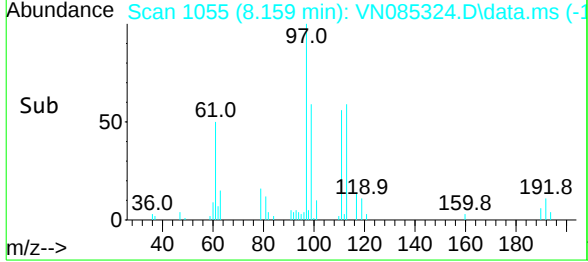
Tgt Ion:	113	Resp:	15144
Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.5	120.7
192	16.5	12.9	19.3

Manual Integrations

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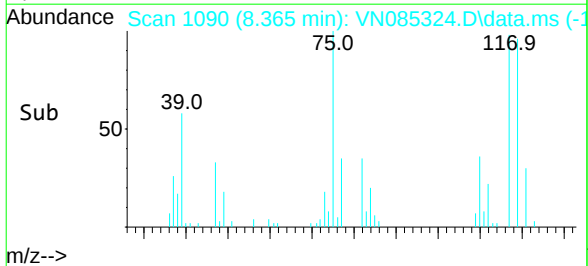
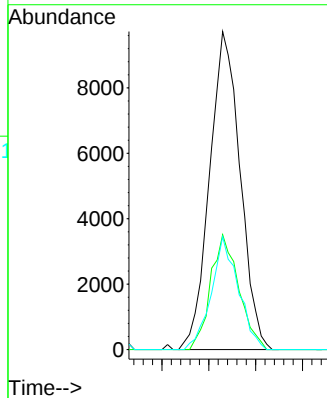
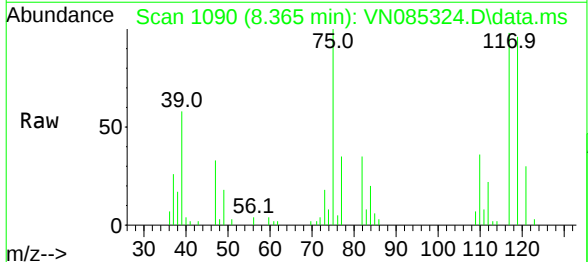
Reviewed By :John Carlone 12/30/2024

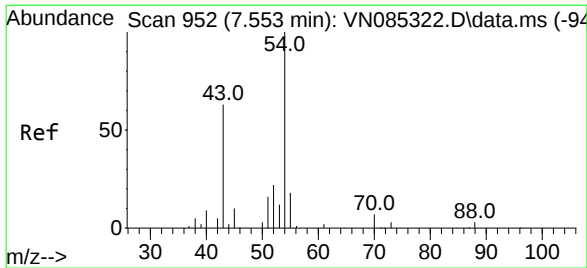
Supervised By :Mahesh Dadoda 12/30/2024



#36
 1,1-Dichloropropene
 Concen: 9.675 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN085324.D
 Acq: 27 Dec 2024 11:37

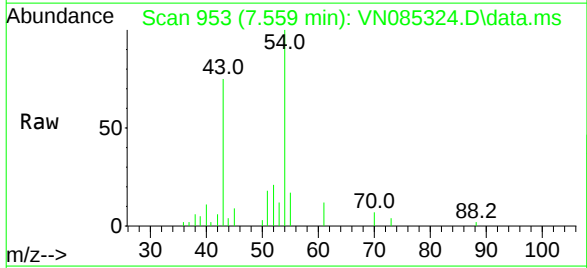
Tgt Ion:	75	Resp:	22034
Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.6	49.8
77	31.4	24.3	36.5





#37
Ethyl Acetate
Concen: 10.292 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

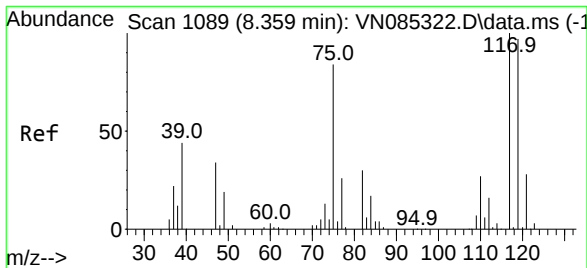
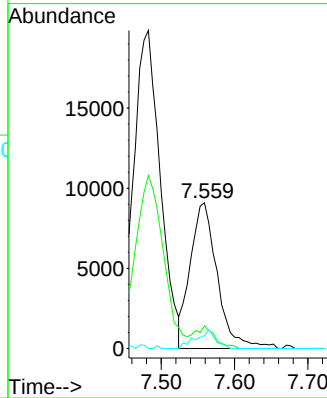
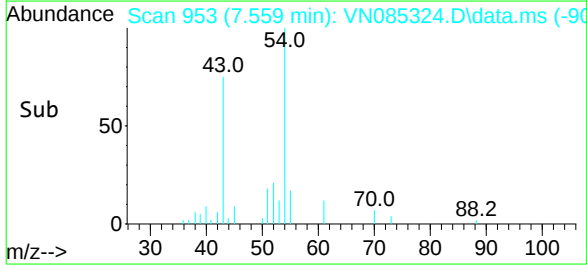
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 23298
Ion Ratio Lower Upper
43 100
61 11.8 10.4 15.6
70 9.2 8.2 12.2

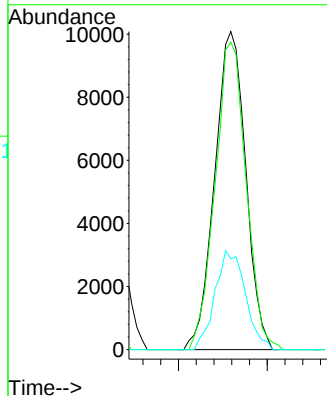
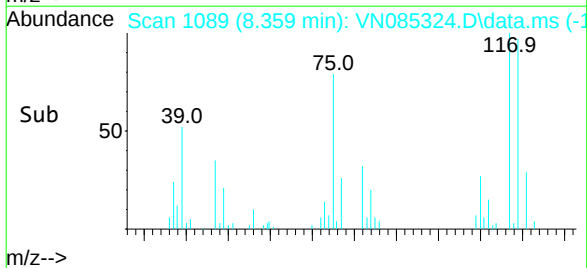
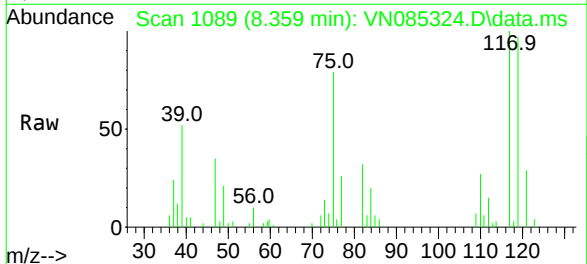
Manual Integrations
APPROVED

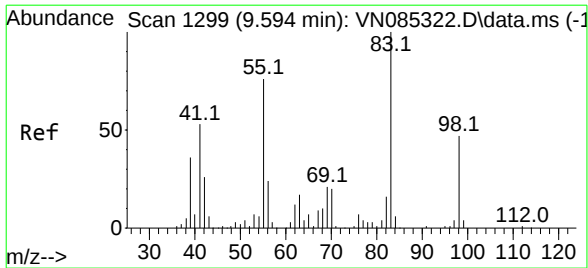
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#38
Carbon Tetrachloride
Concen: 9.866 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

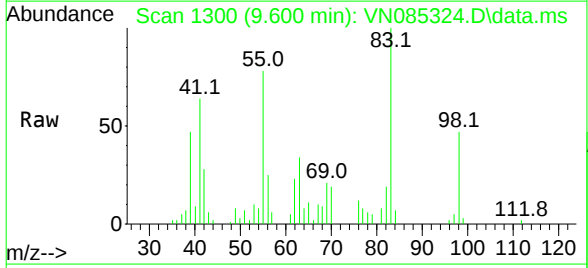
Tgt Ion:117 Resp: 24491
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.6
121 28.6 22.5 33.7





#39
Methylcyclohexane
Concen: 9.500 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

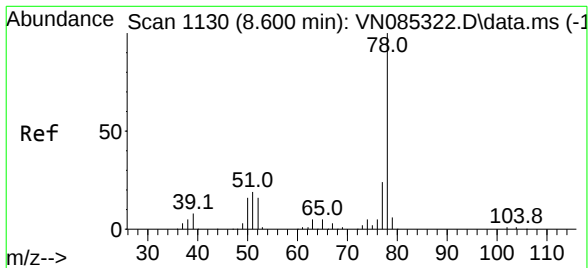
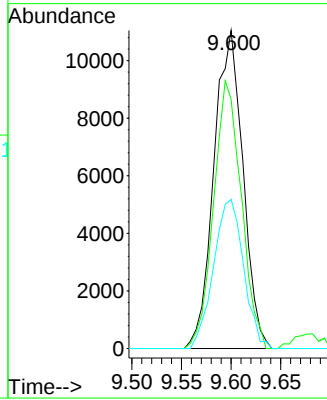
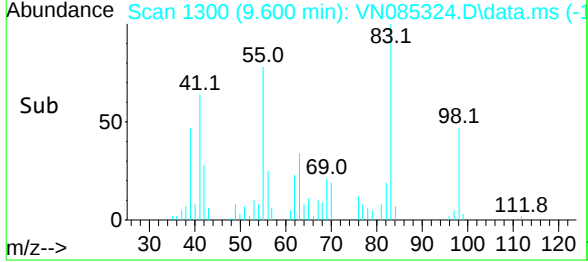
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 83 Resp: 22448
Ion Ratio Lower Upper
83 100
55 78.3 60.7 91.1
98 46.9 37.7 56.5

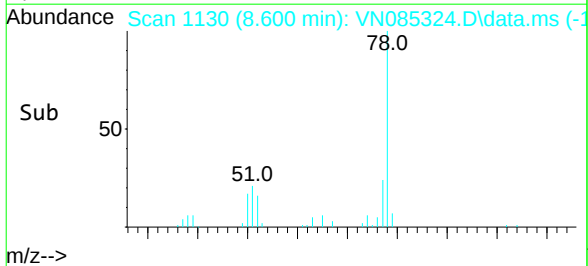
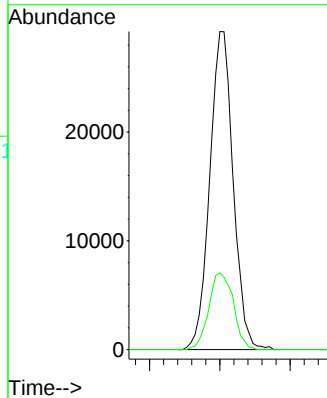
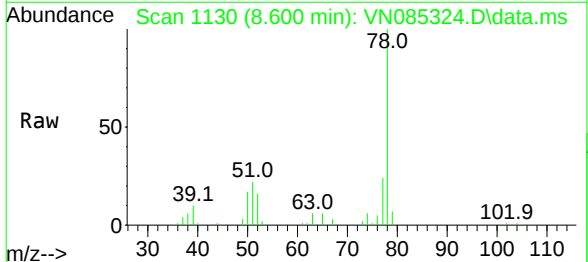
Manual Integrations
APPROVED

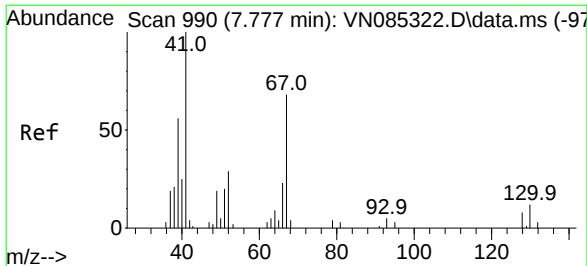
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#40
Benzene
Concen: 9.818 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion: 78 Resp: 67603
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4





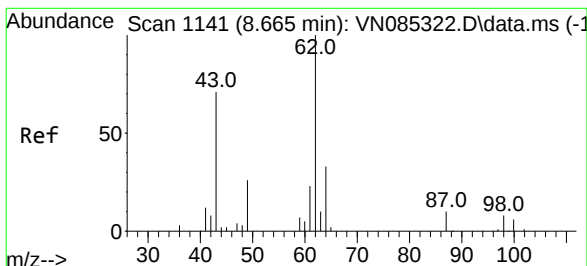
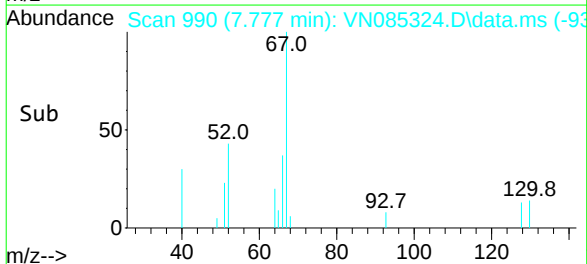
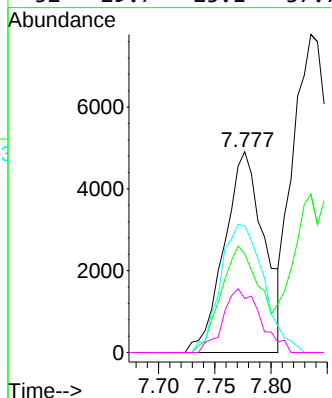
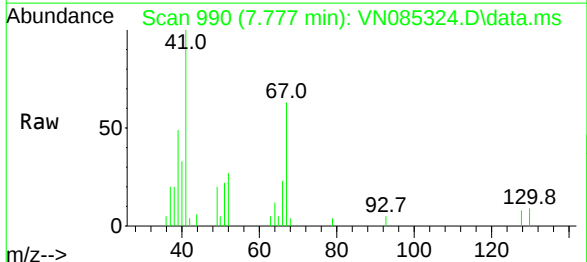
#41
Methacrylonitrile
Concen: 10.429 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:	41	Resp:	12091
Ion	Ratio	Lower	Upper
41	100		
39	51.4	45.8	68.8
67	69.1	57.1	85.7
52	29.7	25.1	37.7

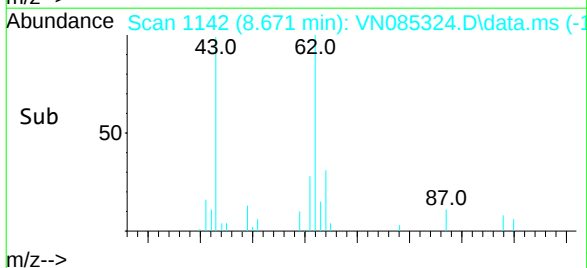
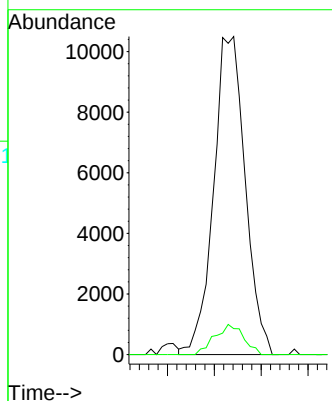
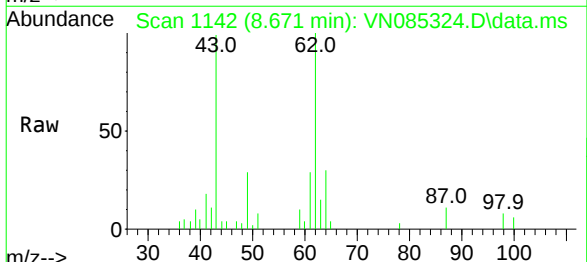
Manual Integrations
APPROVED

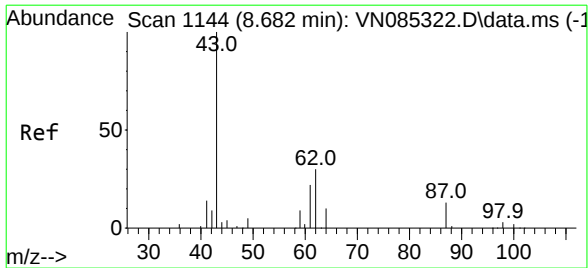
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#42
1,2-Dichloroethane
Concen: 9.979 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion:	62	Resp:	24635
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





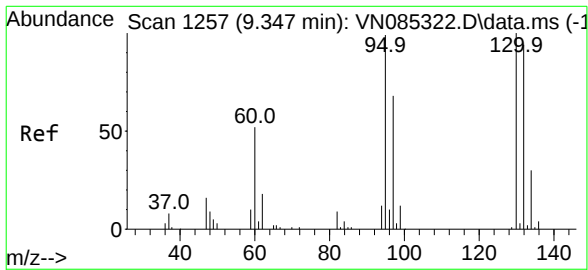
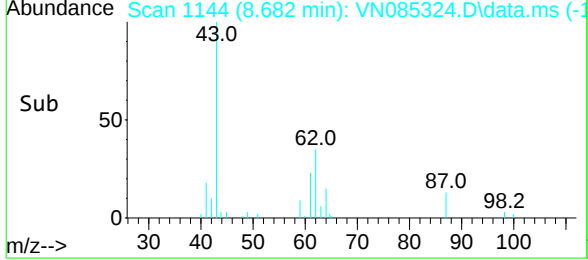
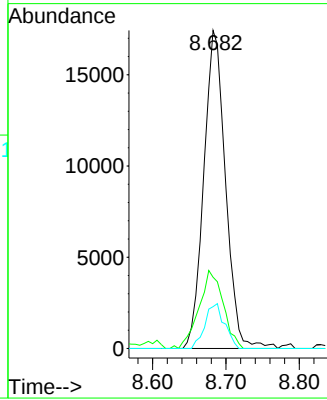
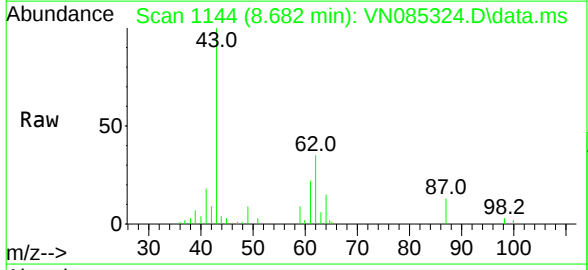
#43
Isopropyl Acetate
Concen: 9.650 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43	Resp: 35967
Ion Ratio	Lower Upper
43 100	
61 27.3	20.8 31.2
87 12.7	10.2 15.4

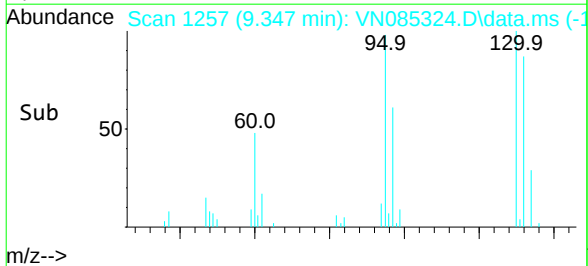
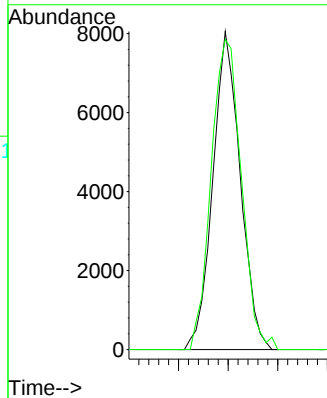
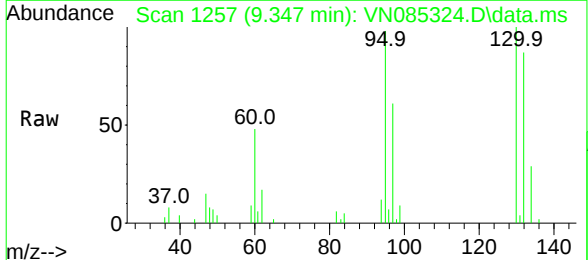
Manual Integrations
APPROVED

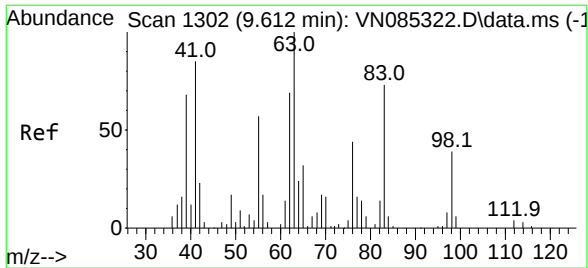
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#44
Trichloroethene
Concen: 9.472 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion:130	Resp: 15441
Ion Ratio	Lower Upper
130 100	
95 97.5	0.0 197.8





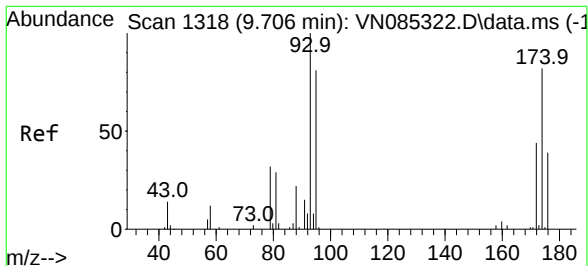
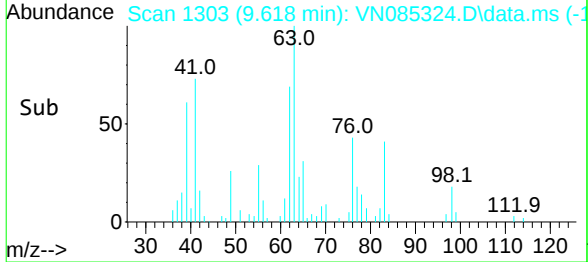
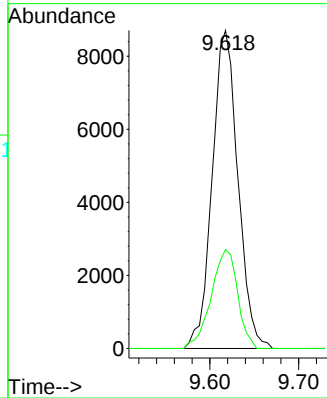
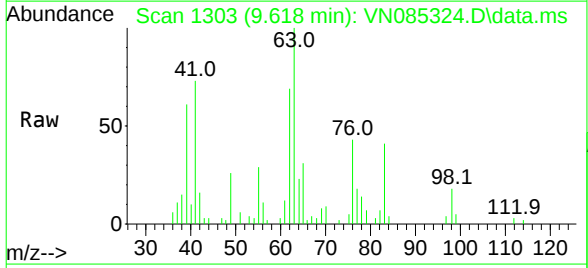
#45
1,2-Dichloropropane
Concen: 10.018 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 17511
Ion Ratio Lower Upper
63 100
65 31.1 25.5 38.3

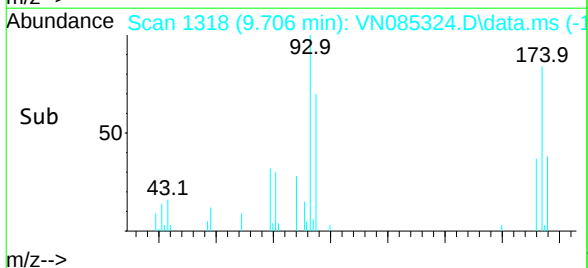
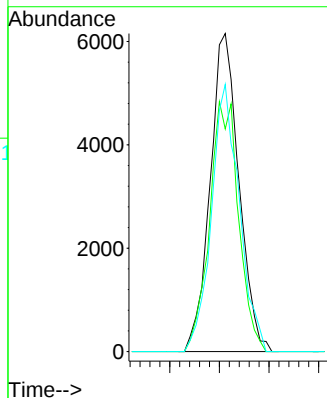
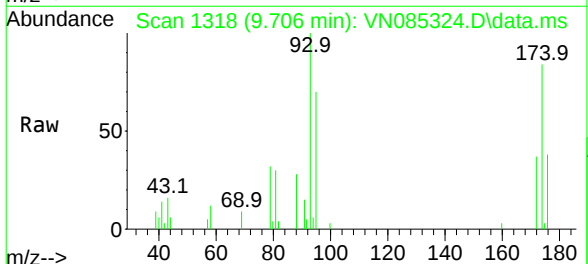
Manual Integrations
APPROVED

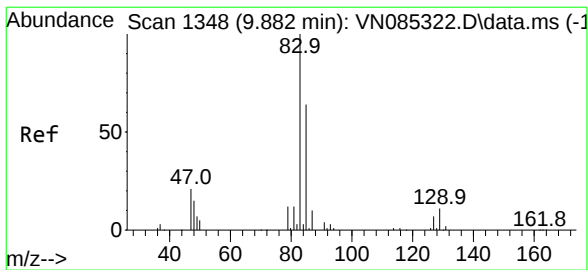
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#46
Dibromomethane
Concen: 10.182 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion: 93 Resp: 12378
Ion Ratio Lower Upper
93 100
95 79.4 65.3 97.9
174 81.4 66.4 99.6





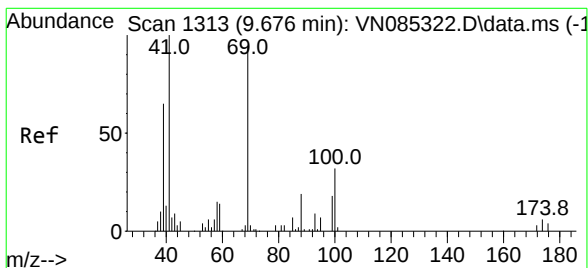
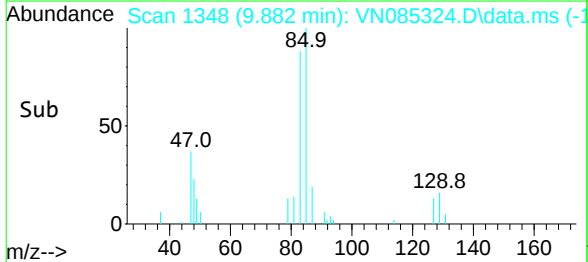
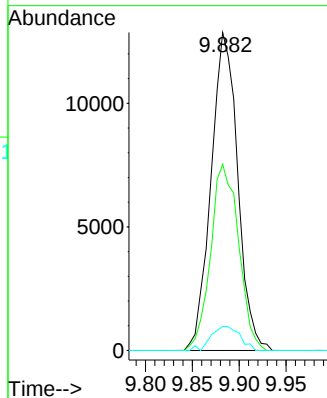
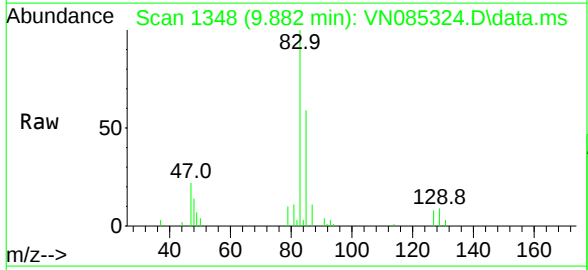
#47
Bromodichloromethane
Concen: 10.070 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:	83	Resp:	25444
Ion	Ratio	Lower	Upper
83	100		
85	58.5	51.0	76.4
127	7.6	5.8	8.6

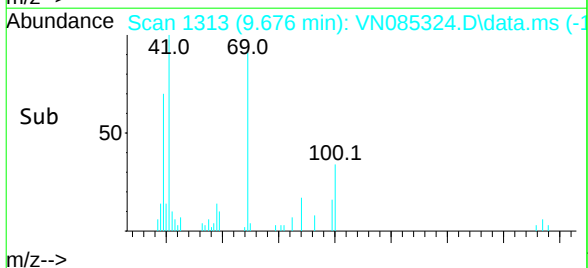
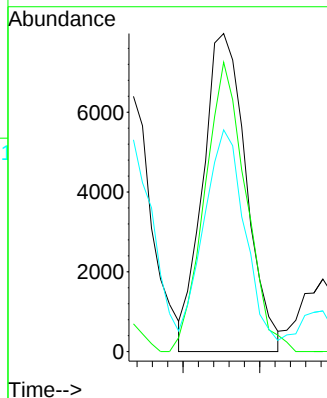
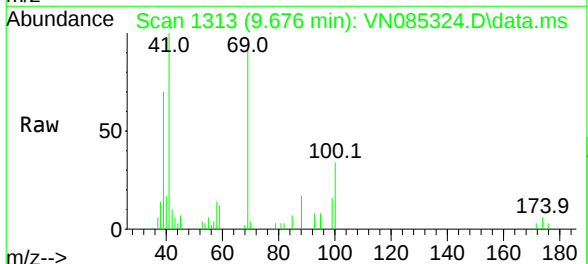
Manual Integrations
APPROVED

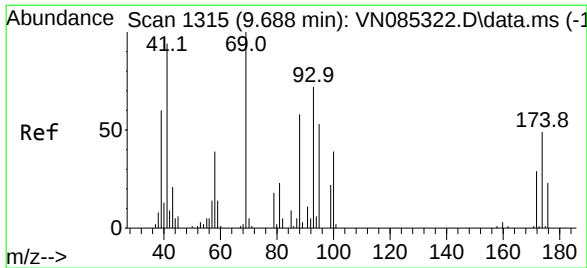
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#48
Methyl methacrylate
Concen: 9.666 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

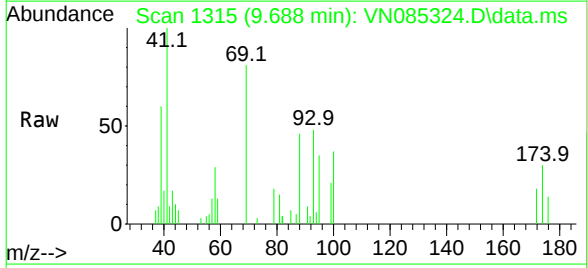
Tgt Ion:	41	Resp:	15633
Ion	Ratio	Lower	Upper
41	100		
69	86.7	67.7	101.5
39	67.7	51.2	76.8





#49
1,4-Dioxane
Concen: 219.898 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

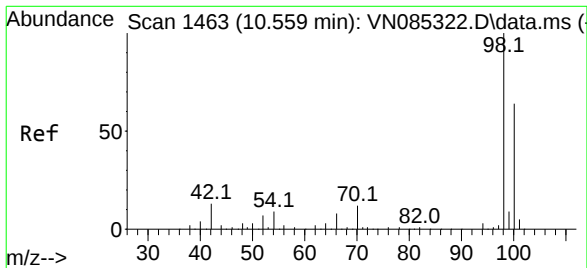
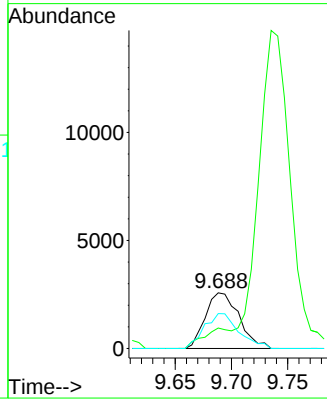
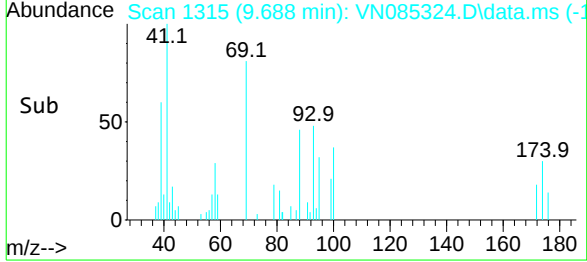
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



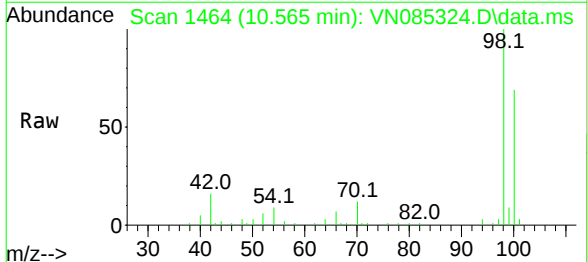
Tgt Ion: 88 Resp: 5366
Ion Ratio Lower Upper
88 100
43 30.9 22.1 33.1
58 64.1 56.7 85.1

Manual Integrations
APPROVED

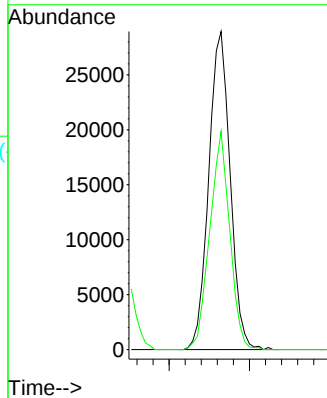
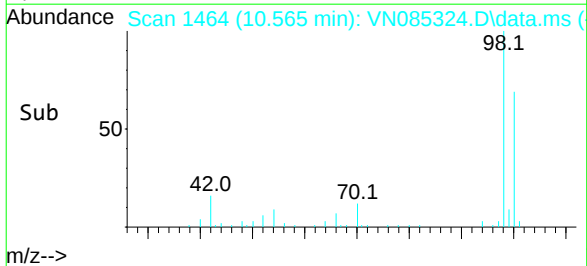
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

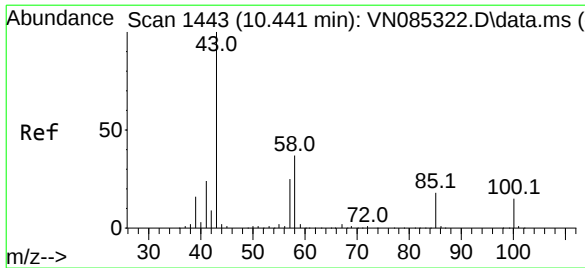


#50
Toluene-d8
Concen: 9.392 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37



Tgt Ion: 98 Resp: 53607
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3





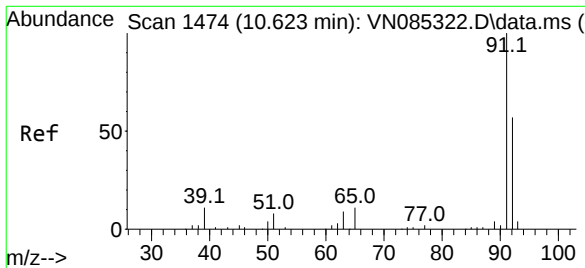
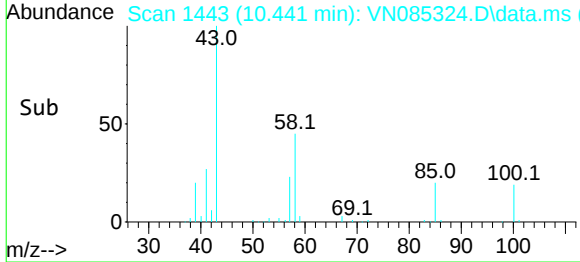
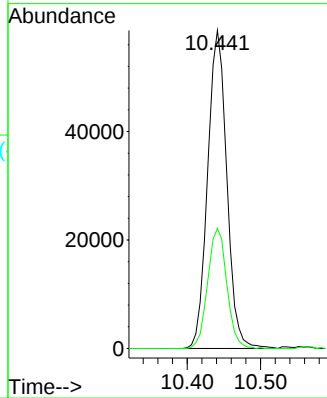
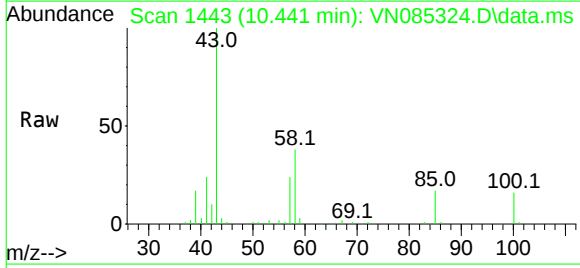
#51
4-Methyl-2-Pentanone
Concen: 50.877 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 106569
Ion Ratio Lower Upper
43 100
58 37.7 30.3 45.5

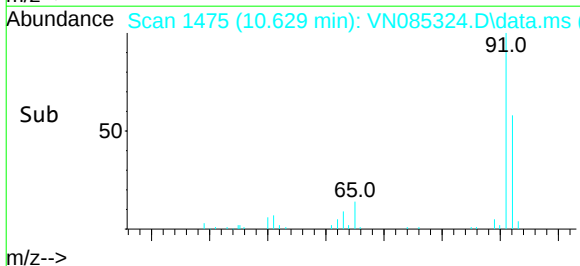
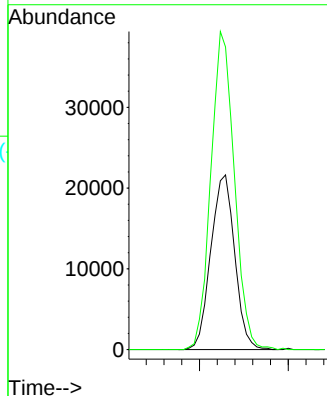
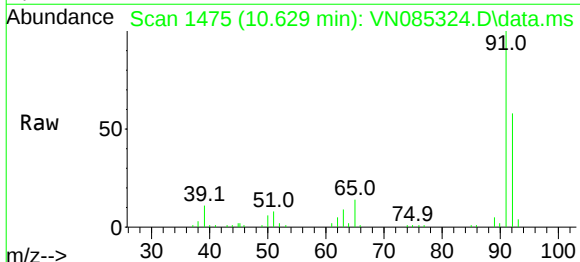
Manual Integrations
APPROVED

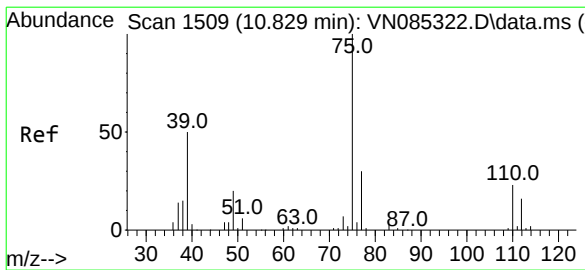
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#52
Toluene
Concen: 9.853 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

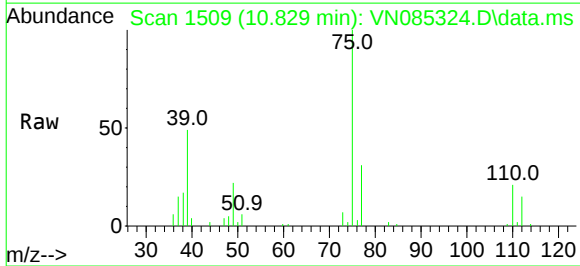
Tgt Ion: 92 Resp: 40396
Ion Ratio Lower Upper
92 100
91 179.4 140.2 210.4





#53
 t-1,3-Dichloropropene
 Concen: 9.699 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: VN085324.D
 Acq: 27 Dec 2024 11:37

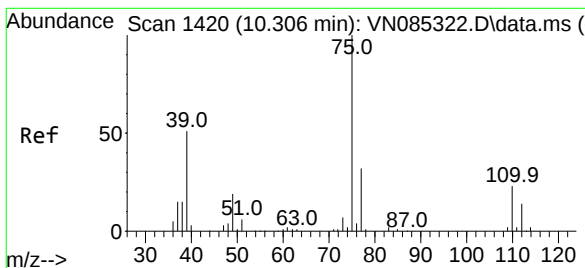
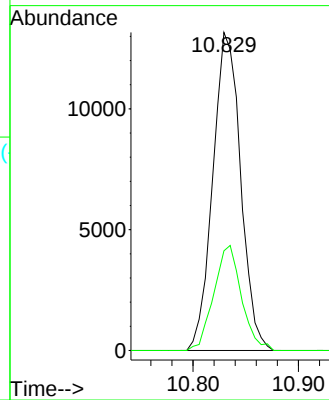
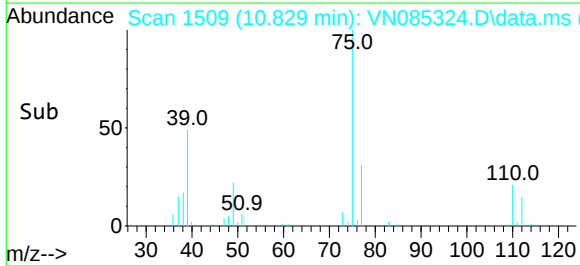
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



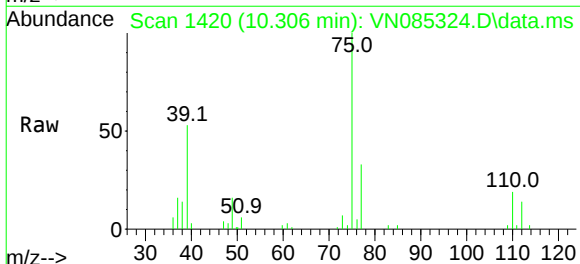
Tgt Ion: 75 Resp: 24100
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.8 35.6

Manual Integrations
 APPROVED

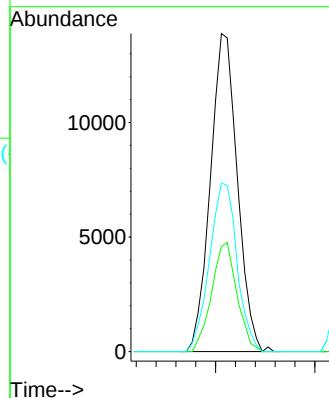
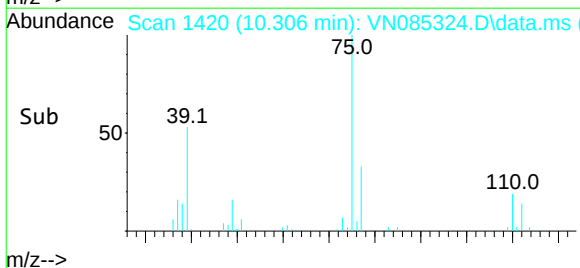
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024

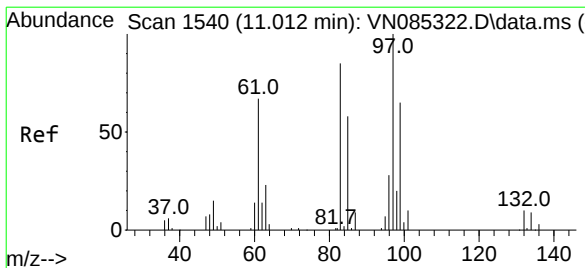


#54
 cis-1,3-Dichloropropene
 Concen: 9.754 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN085324.D
 Acq: 27 Dec 2024 11:37



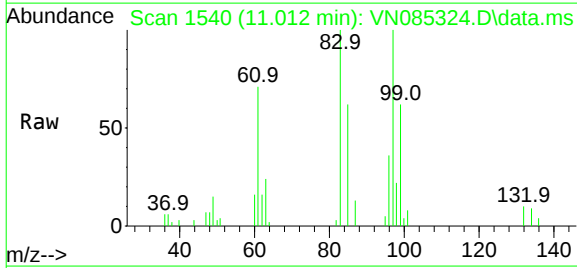
Tgt Ion: 75 Resp: 26207
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.5 38.3
 39 53.0 40.5 60.7





#55
1,1,2-Trichloroethane
Concen: 9.586 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

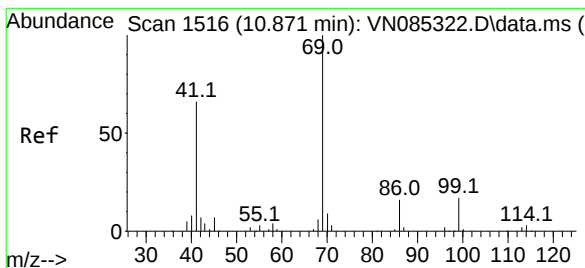
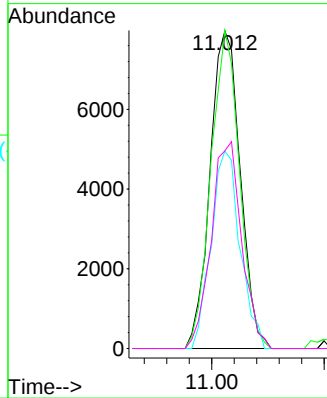
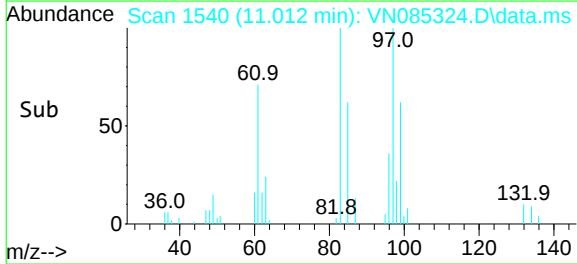
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



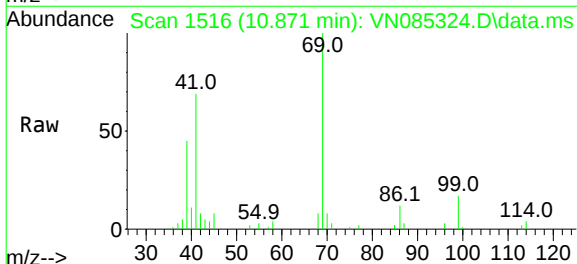
Tgt Ion	Ratio	Lower	Upper
97	100		
83	100.1	67.7	101.5
85	62.1	46.2	69.4
99	62.2	51.8	77.6

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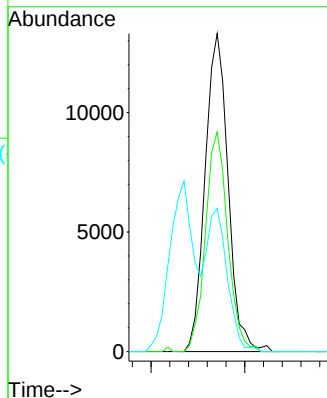
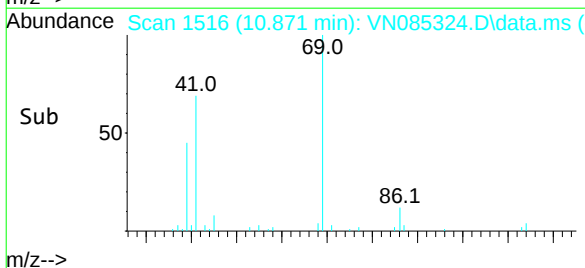
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

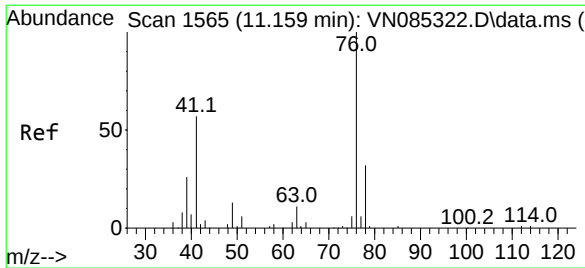


#56
Ethyl methacrylate
Concen: 10.054 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37



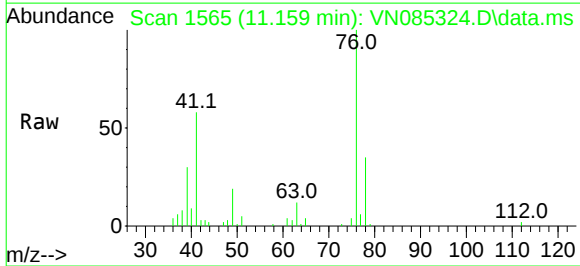
Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.3	81.5
39	40.7	32.0	48.0





#57
1,3-Dichloropropane
Concen: 9.864 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

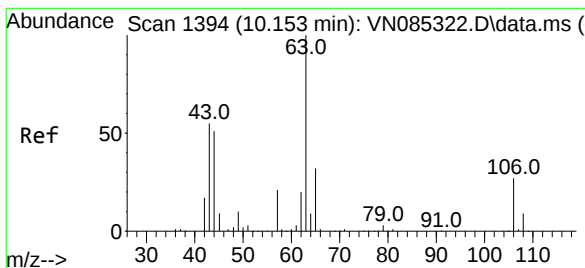
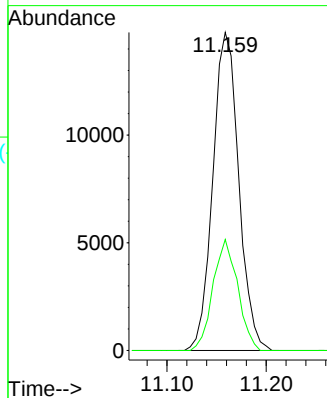
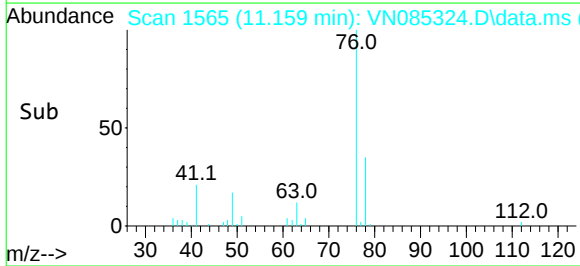
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



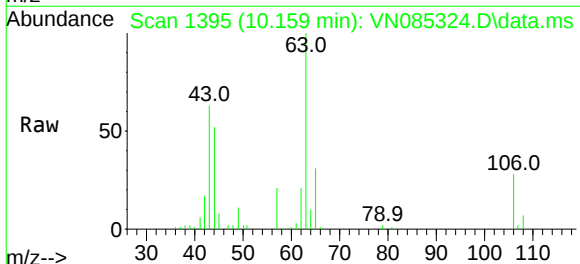
Tgt Ion: 76 Resp: 26800
Ion Ratio Lower Upper
76 100
78 33.3 25.5 38.3

Manual Integrations
APPROVED

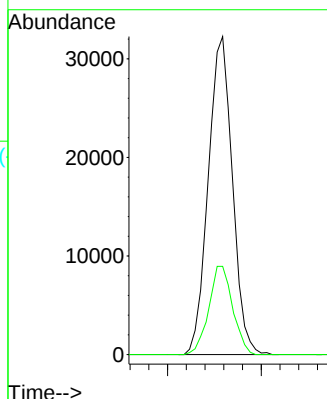
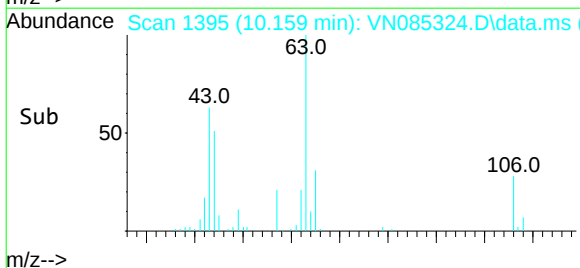
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

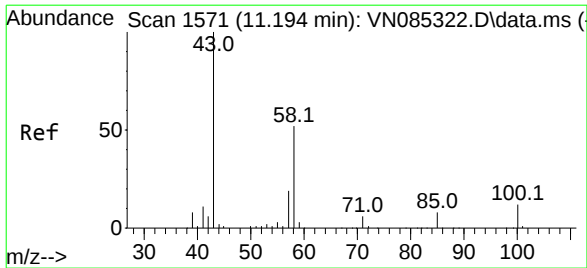


#58
2-Chloroethyl Vinyl ether
Concen: 52.985 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37



Tgt Ion: 63 Resp: 57793
Ion Ratio Lower Upper
63 100
106 27.5 22.1 33.1





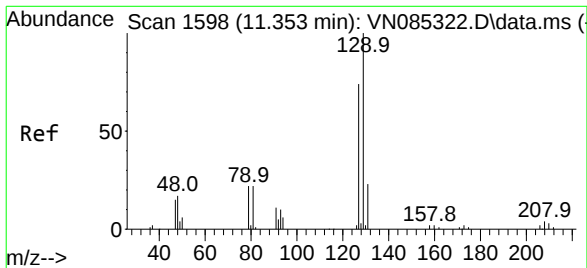
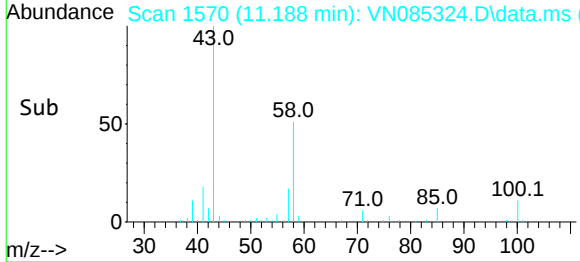
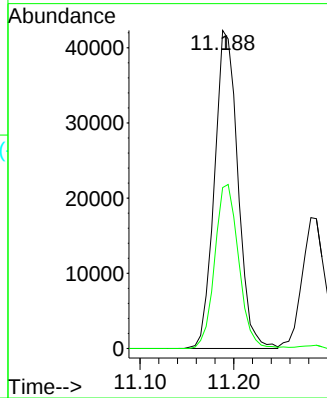
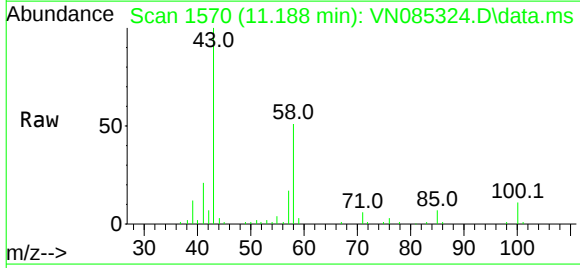
#59
2-Hexanone
Concen: 50.521 ug/l
RT: 11.188 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 73420
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.5

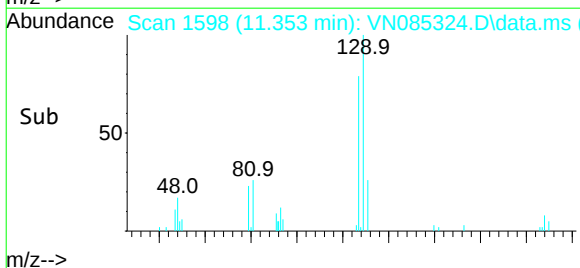
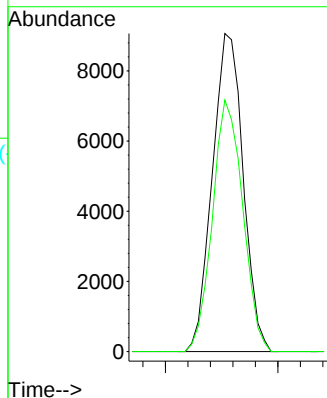
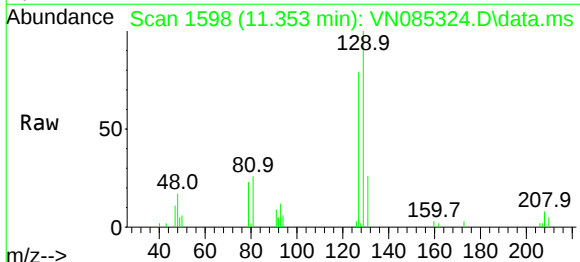
Manual Integrations
APPROVED

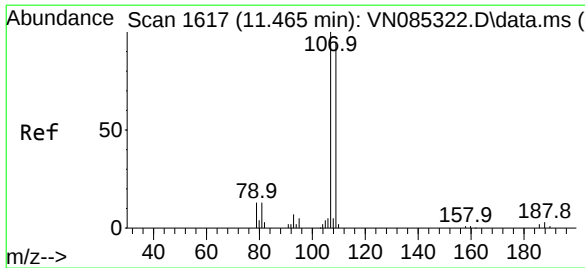
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#60
Dibromochloromethane
Concen: 9.884 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion:129 Resp: 17232
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9





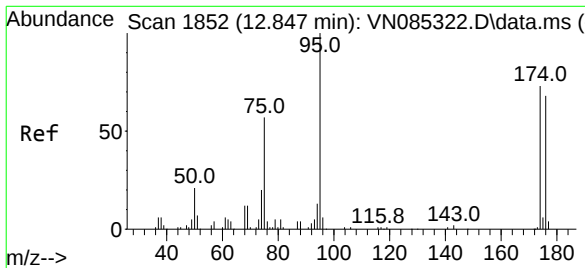
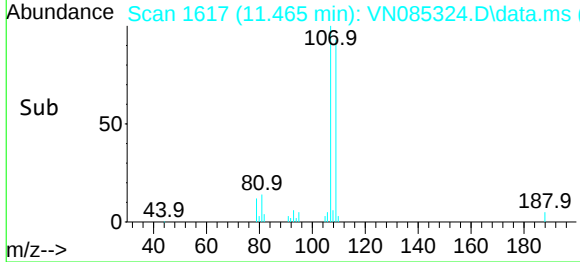
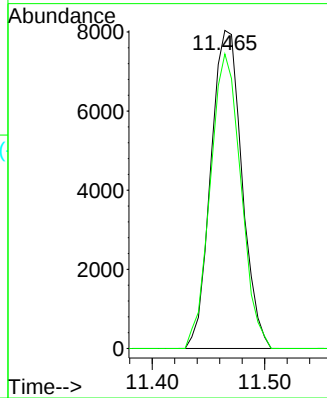
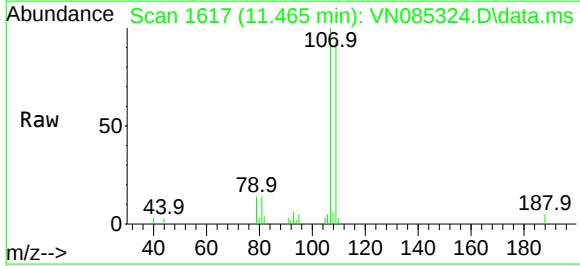
#61
1,2-Dibromoethane
Concen: 10.064 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 107 Resp: 15412
Ion Ratio Lower Upper
107 100
109 91.6 74.9 112.3

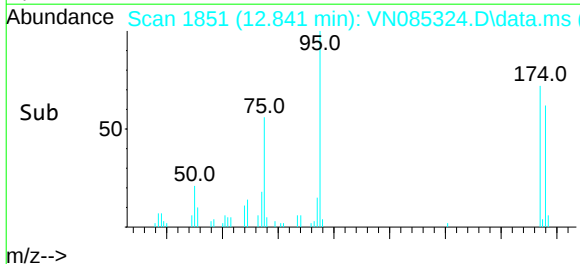
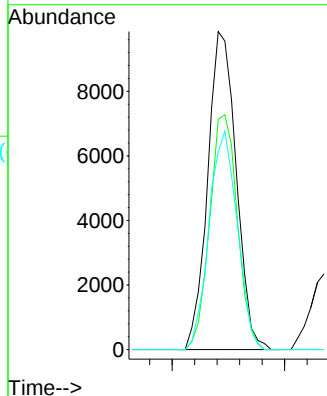
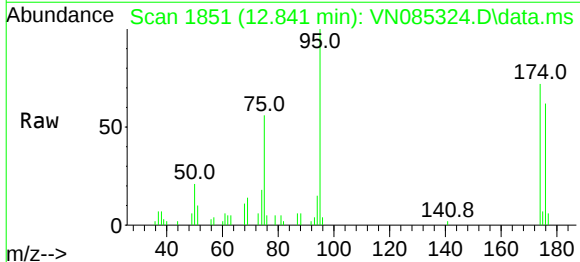
Manual Integrations
APPROVED

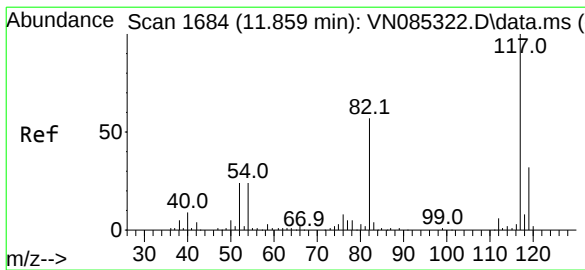
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#62
4-Bromofluorobenzene
Concen: 9.141 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion: 95 Resp: 17328
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.2
176 68.0 0.0 135.8





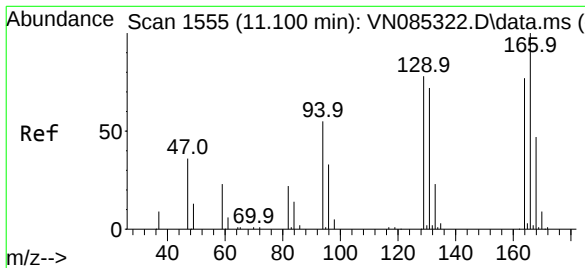
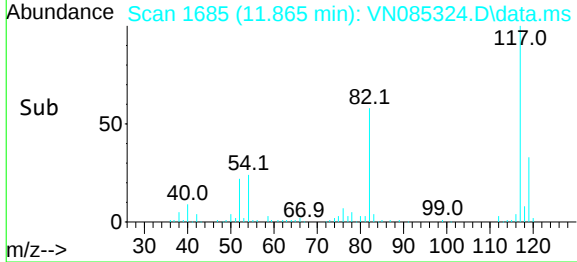
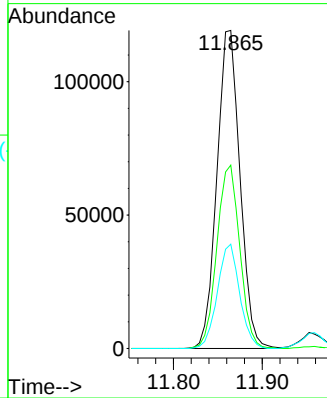
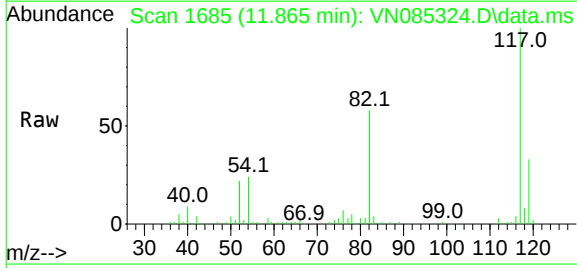
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:117 Resp: 215410
Ion Ratio Lower Upper
117 100
82 57.7 45.7 68.5
119 32.8 25.8 38.8

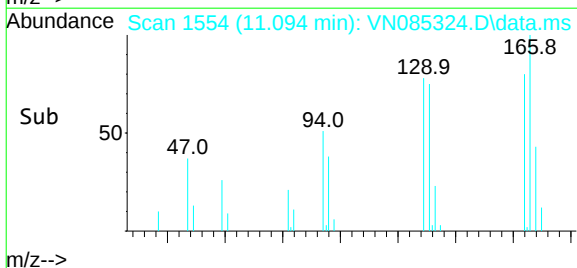
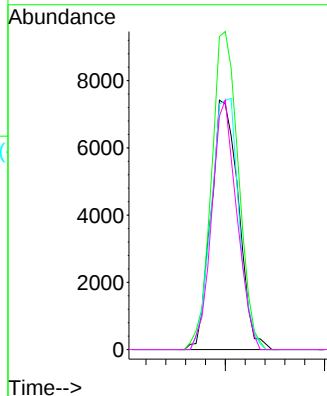
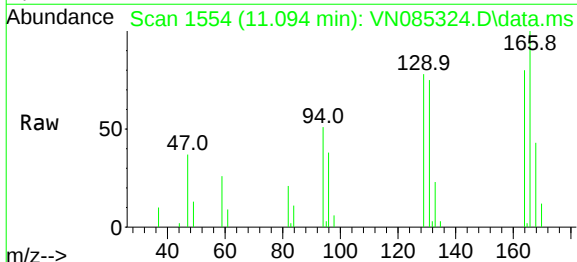
Manual Integrations
APPROVED

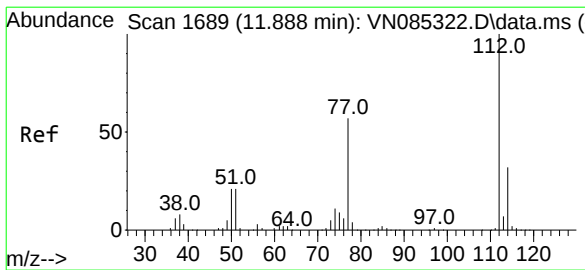
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#64
Tetrachloroethene
Concen: 10.457 ug/l
RT: 11.094 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion:164 Resp: 14273
Ion Ratio Lower Upper
164 100
166 125.5 104.0 156.0
129 98.4 81.3 121.9
131 93.7 75.0 112.6





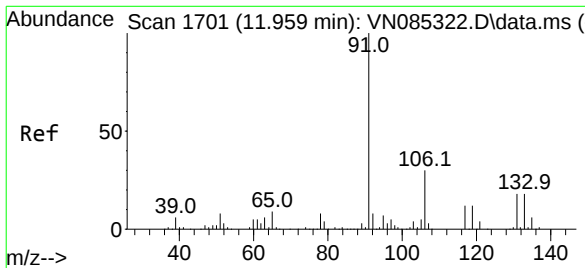
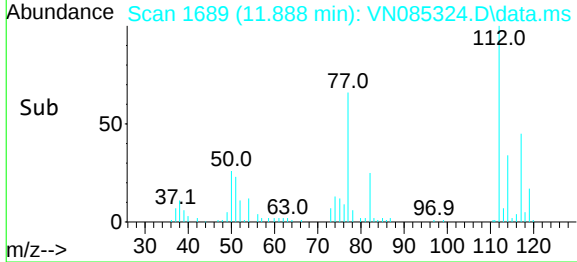
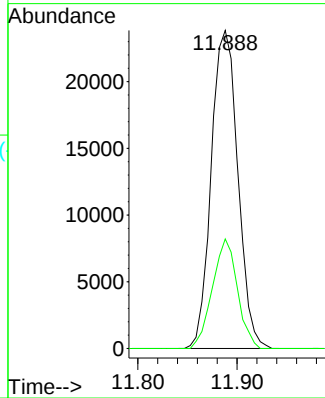
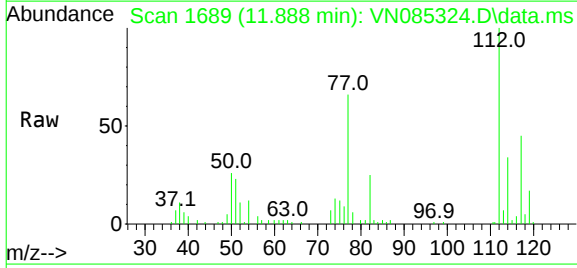
#65
Chlorobenzene
Concen: 9.541 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 44413
Ion Ratio Lower Upper
112 100
114 34.4 25.2 37.8

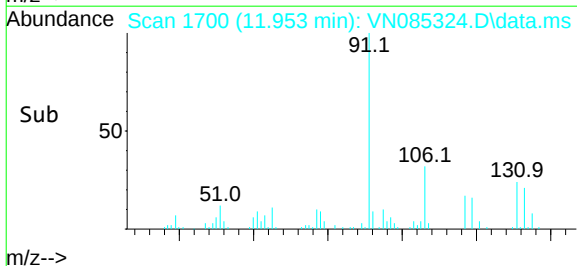
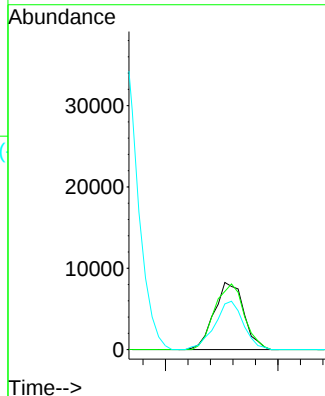
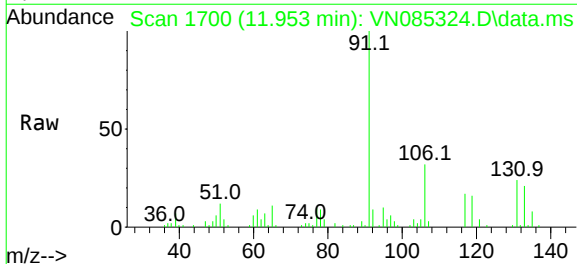
Manual Integrations
APPROVED

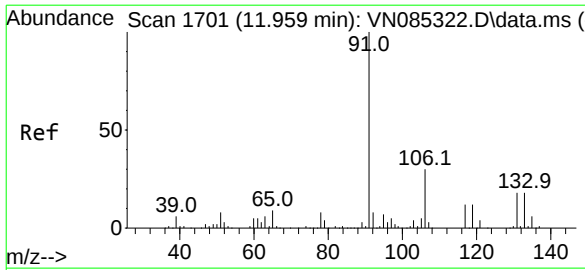
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 9.670 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion:131 Resp: 15107
Ion Ratio Lower Upper
131 100
133 98.3 48.3 144.9
119 69.5 33.4 100.1





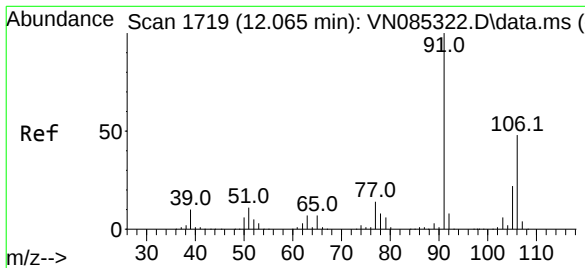
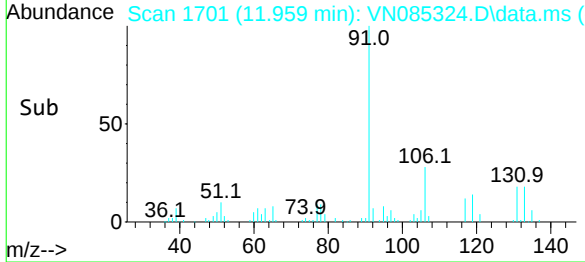
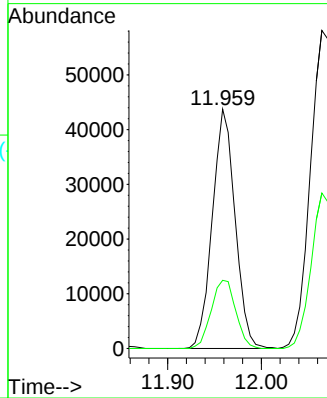
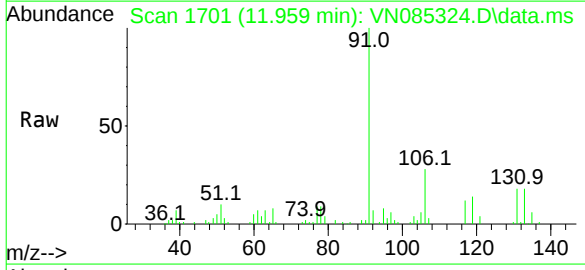
#67
Ethyl Benzene
Concen: 9.544 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 73883
Ion Ratio Lower Upper
91 100
106 28.5 24.0 36.0

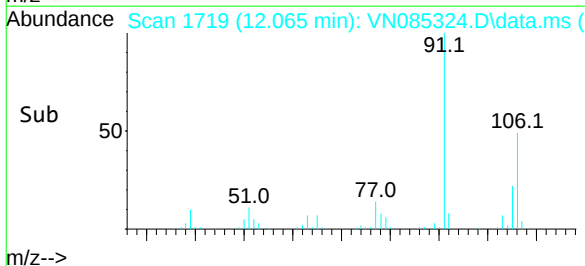
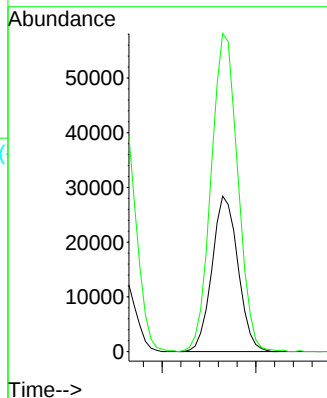
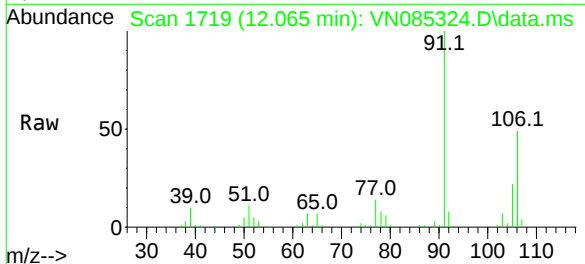
Manual Integrations
APPROVED

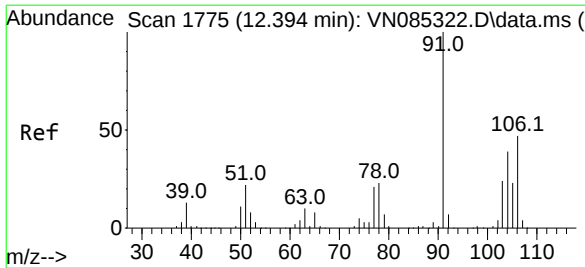
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#68
m/p-Xylenes
Concen: 19.288 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion:106 Resp: 54643
Ion Ratio Lower Upper
106 100
91 210.2 165.2 247.8





#69

o-Xylene

Concen: 9.605 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:106 Resp: 26323

Ion Ratio Lower Upper

106 100

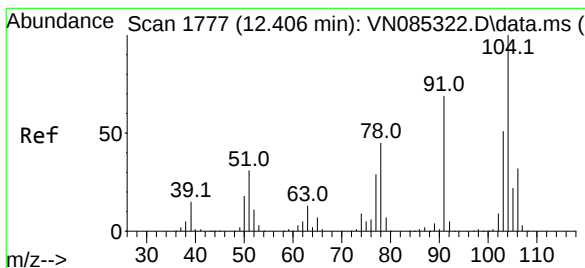
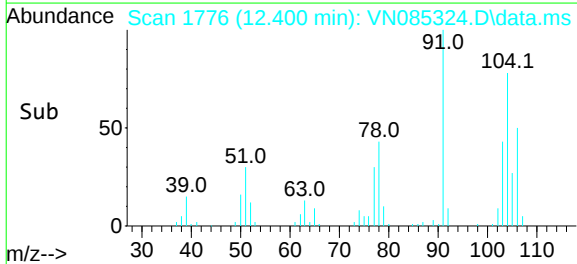
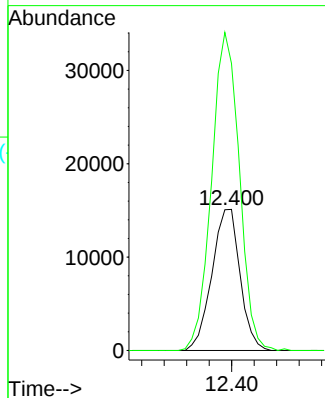
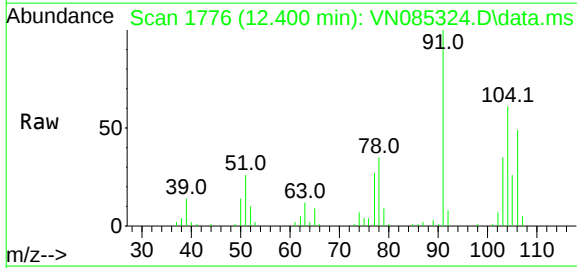
91 221.9 107.3 321.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#70

Styrene

Concen: 9.347 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

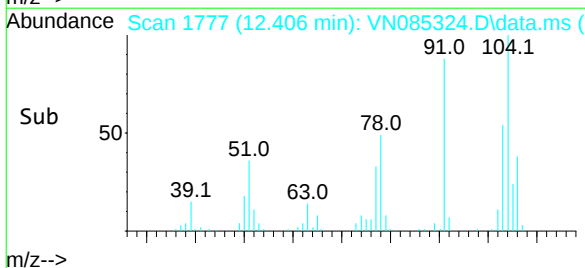
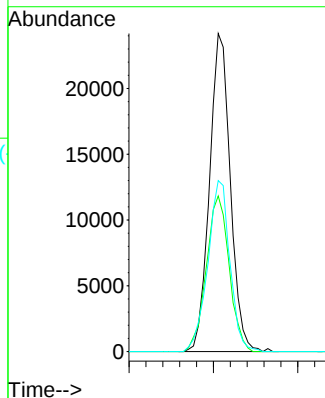
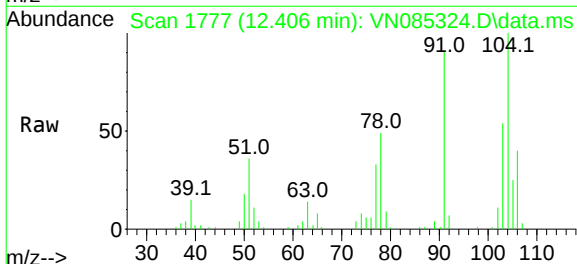
Tgt Ion:104 Resp: 41517

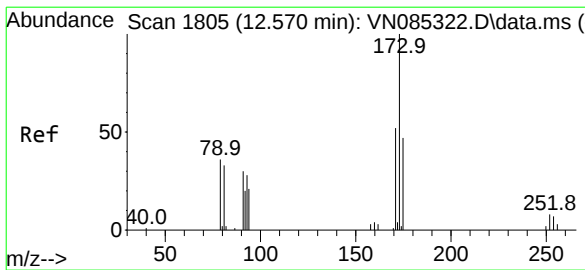
Ion Ratio Lower Upper

104 100

78 53.5 40.7 61.1

103 56.8 44.1 66.1





#71

Bromoform

Concen: 9.822 ug/l

RT: 12.570 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

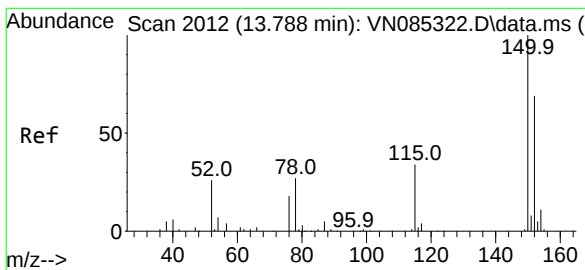
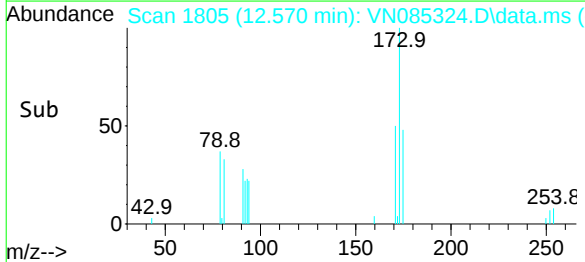
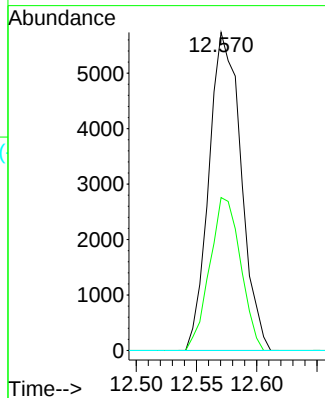
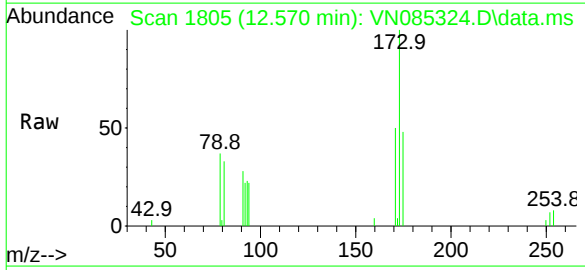
Tgt Ion:	173	Resp:	10628
Ion Ratio	Lower	Upper	
173	100		
175	46.3	24.4	73.4
254	0.0	0.0	0.0

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

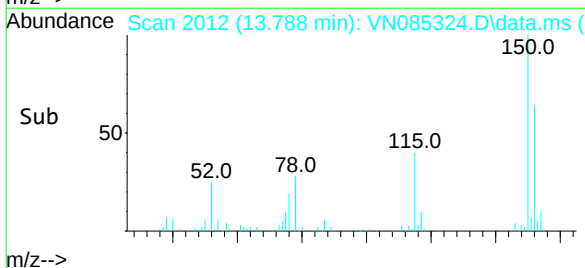
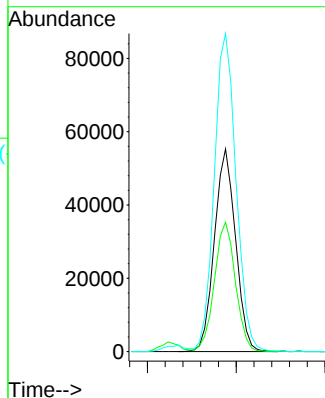
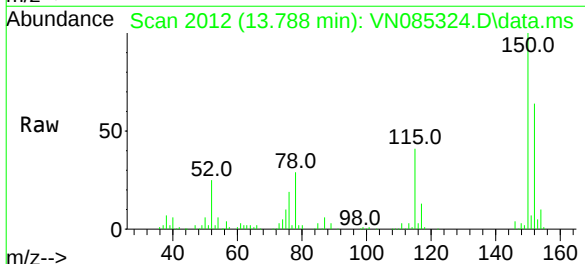
RT: 13.788 min Scan# 2012

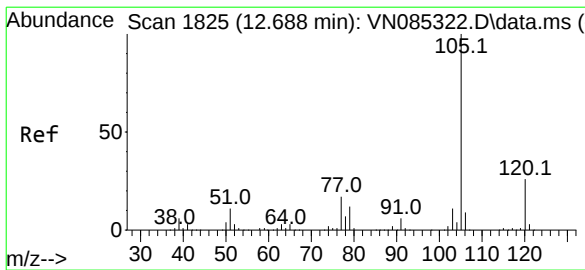
Delta R.T. 0.000 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

Tgt Ion:	152	Resp:	91601
Ion Ratio	Lower	Upper	
152	100		
115	63.4	30.4	91.3
150	161.6	0.0	345.0





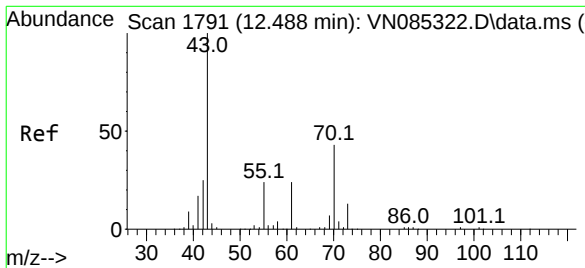
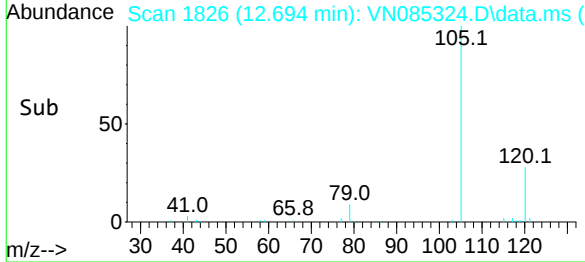
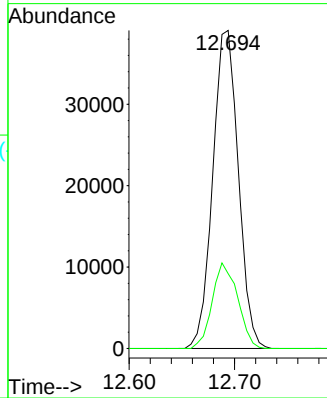
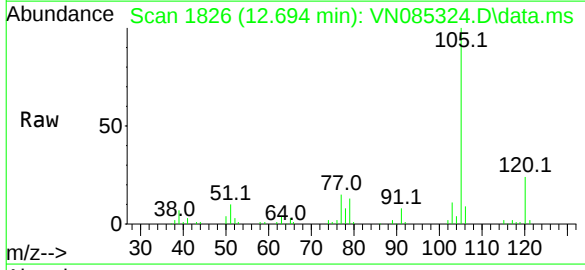
#73
Isopropylbenzene
Concen: 10.000 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 105 Resp: 65872
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

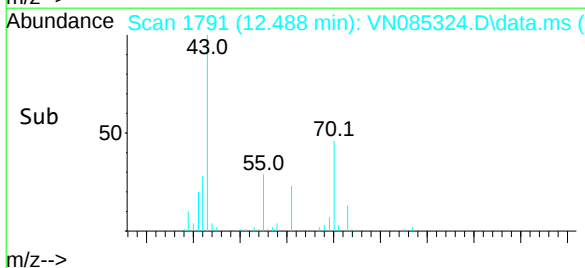
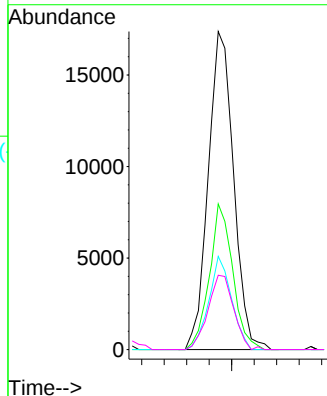
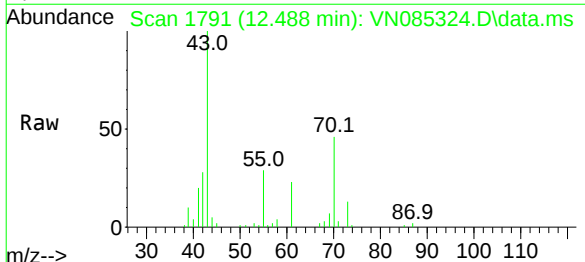
Manual Integrations
APPROVED

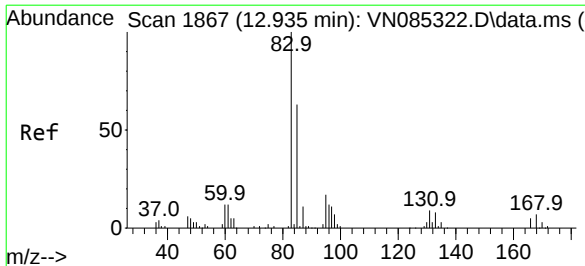
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#74
N-ethyl acetate
Concen: 9.650 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

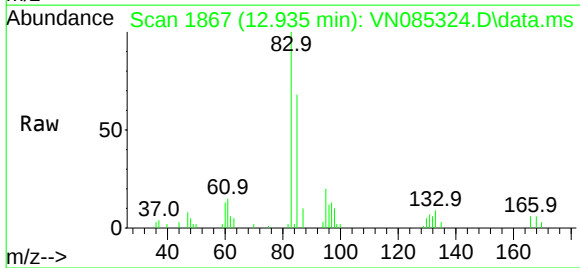
Tgt Ion: 43 Resp: 27209
Ion Ratio Lower Upper
43 100
70 42.0 33.4 50.0
55 26.2 19.2 28.8
61 23.6 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 10.031 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

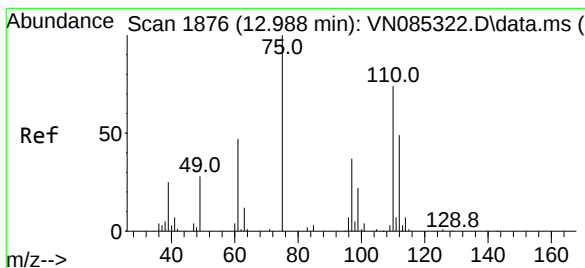
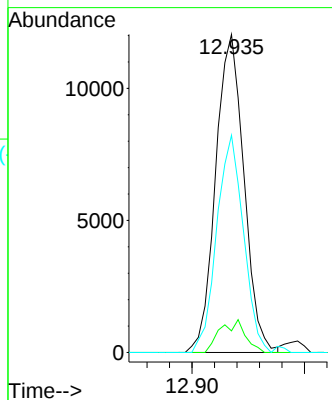
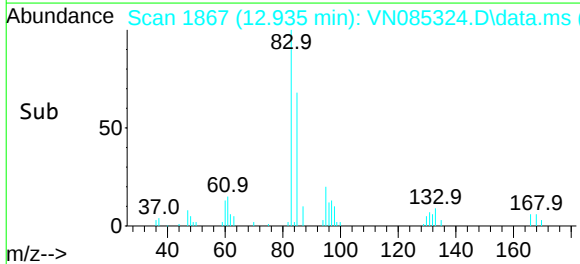
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.8	14.4
85	64.5	32.6	98.0

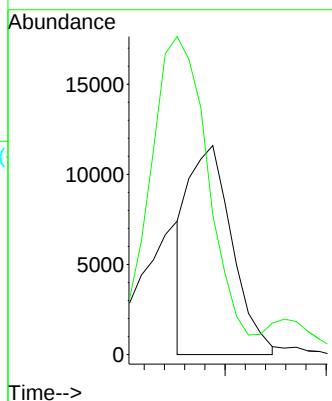
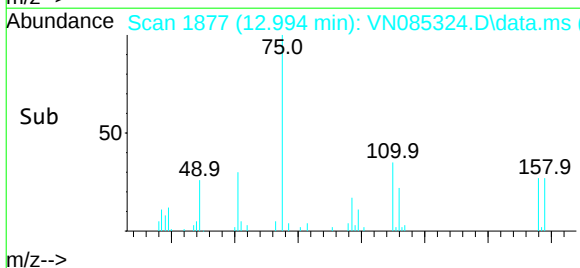
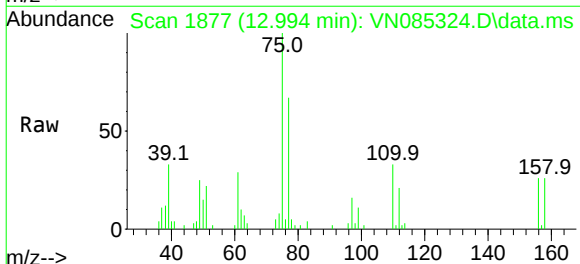
Manual Integrations
APPROVED

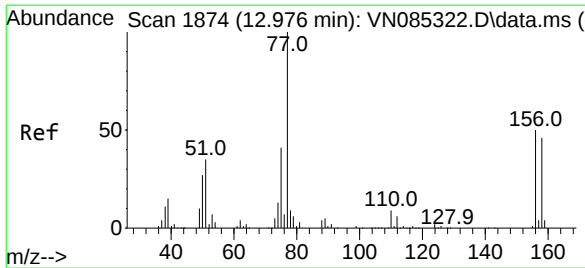
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#76
1,2,3-Trichloropropane
Concen: 9.959 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

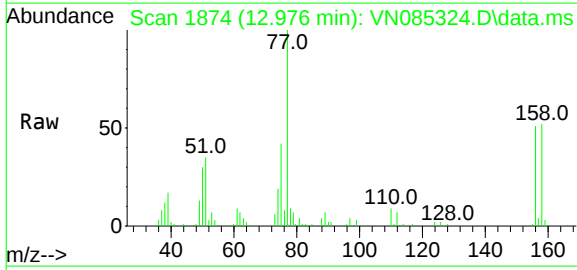
Tgt Ion	Ratio	Lower	Upper
75	100		
77	205.6	98.1	294.3





#77
Bromobenzene
Concen: 9.995 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

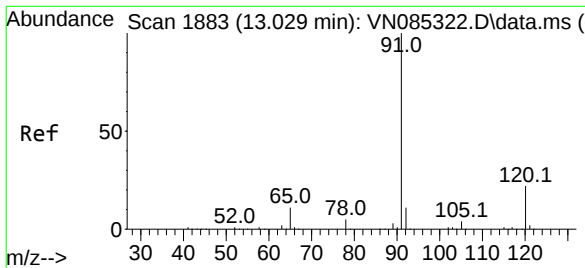
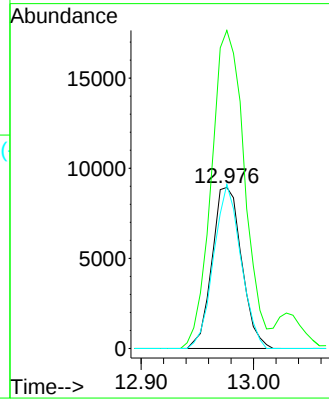
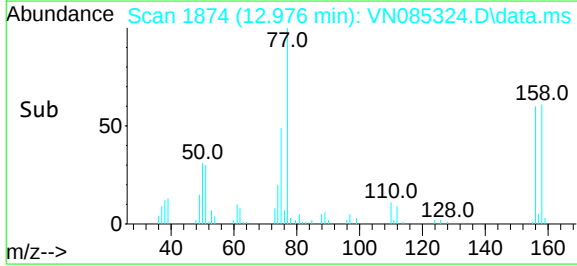
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 156 Resp: 16311
Ion Ratio Lower Upper
156 100
77 220.9 114.0 342.0
158 93.8 47.6 142.8

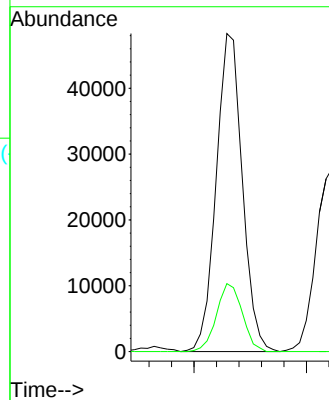
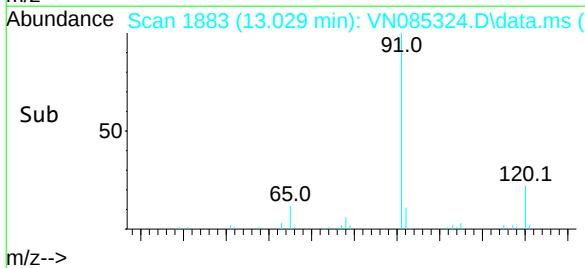
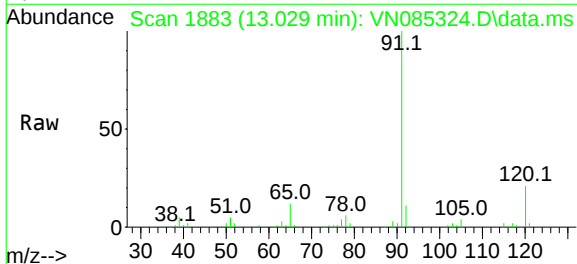
Manual Integrations
APPROVED

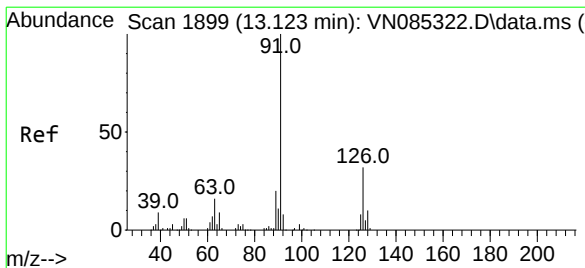
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#78
n-propylbenzene
Concen: 10.161 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion: 91 Resp: 78022
Ion Ratio Lower Upper
91 100
120 21.1 10.9 32.9





#79

2-Chlorotoluene

Concen: 10.189 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 49236

Ion Ratio Lower Upper

91 100

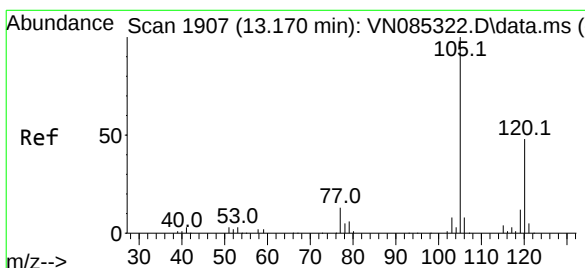
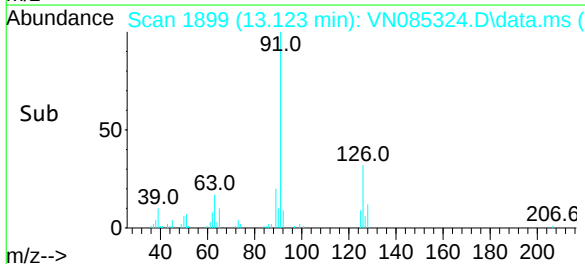
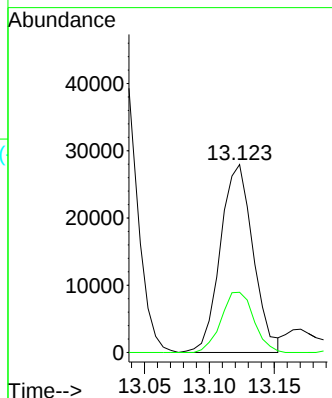
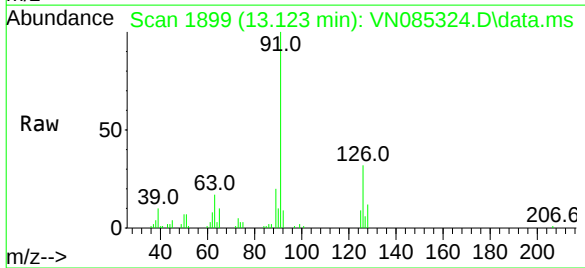
126 31.9 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#80

1,3,5-Trimethylbenzene

Concen: 10.171 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085324.D

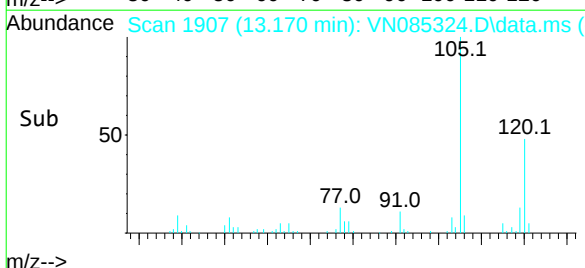
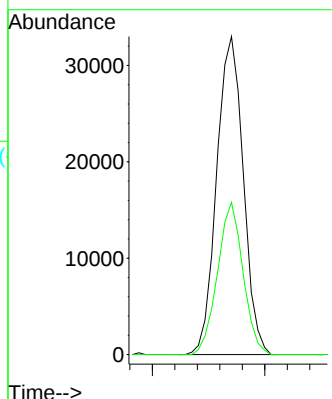
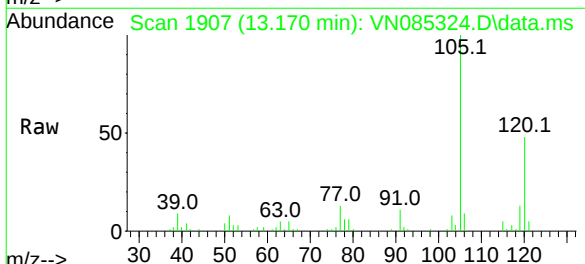
Acq: 27 Dec 2024 11:37

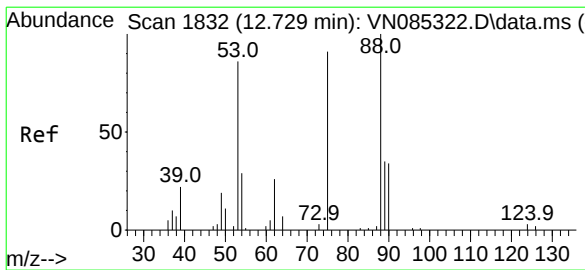
Tgt Ion:105 Resp: 54193

Ion Ratio Lower Upper

105 100

120 45.9 24.0 72.0





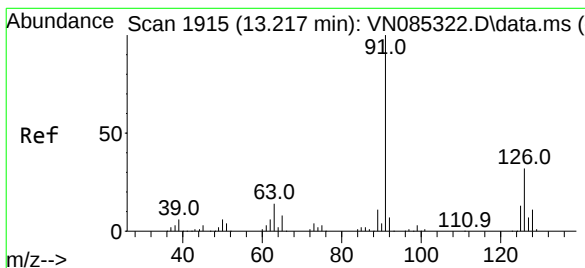
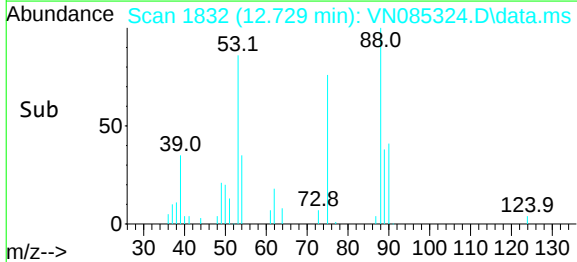
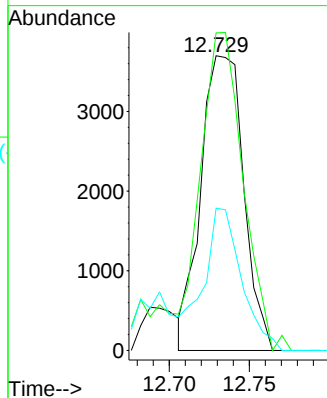
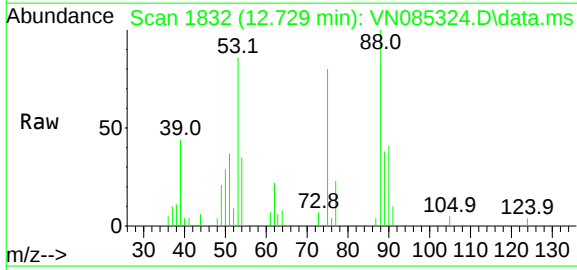
#81
trans-1,4-Dichloro-2-butene
Concen: 9.676 ug/l m
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.6	80.0	120.0
89	43.2	35.8	53.8

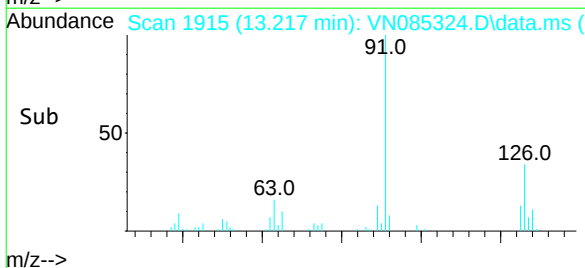
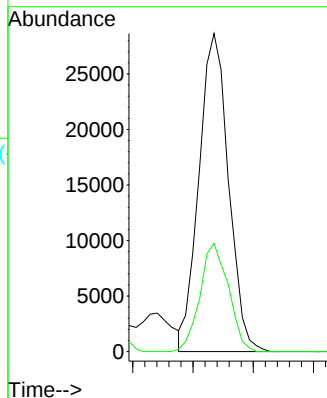
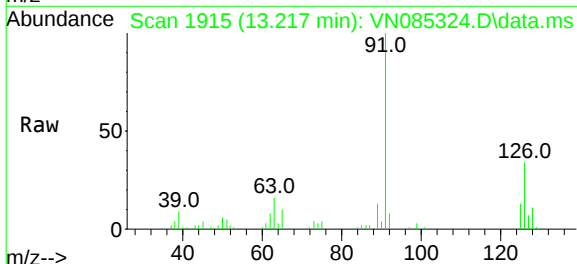
Manual Integrations
APPROVED

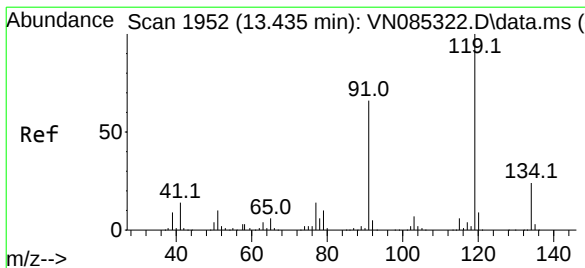
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#82
4-Chlorotoluene
Concen: 10.017 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.4





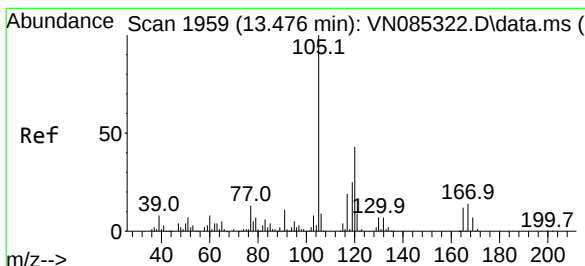
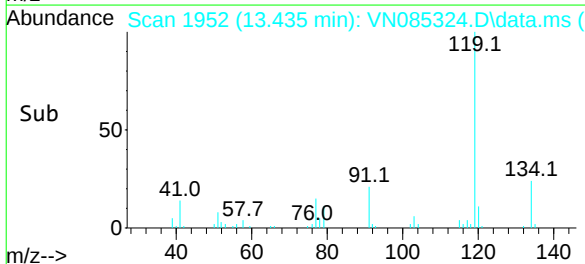
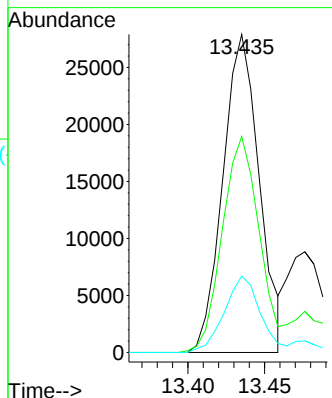
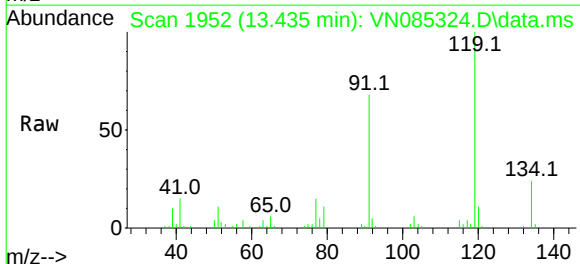
#83
tert-Butylbenzene
Concen: 9.955 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:119 Resp: 45946
Ion Ratio Lower Upper
119 100
91 70.4 33.6 100.8
134 23.8 13.3 39.8

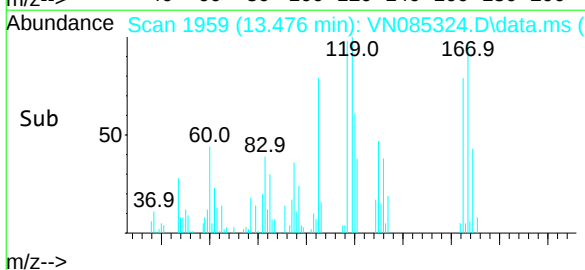
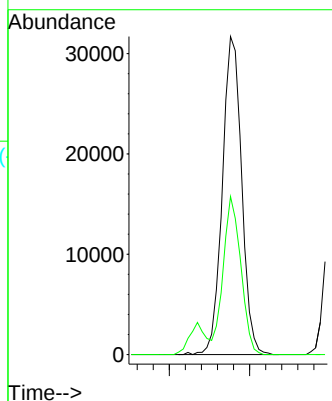
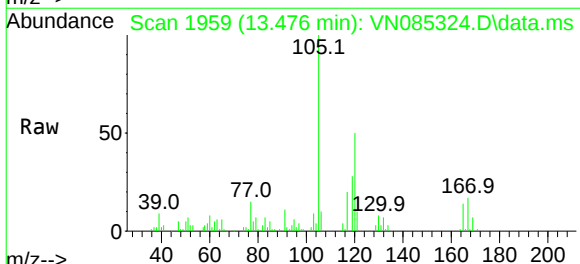
Manual Integrations
APPROVED

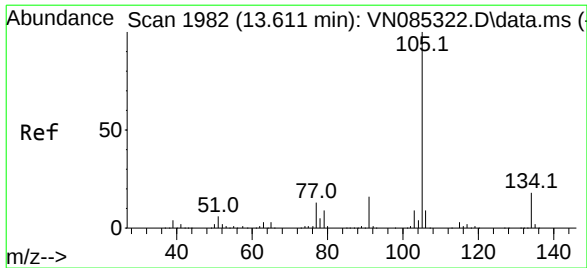
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#84
1,2,4-Trimethylbenzene
Concen: 9.996 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion:105 Resp: 53034
Ion Ratio Lower Upper
105 100
120 45.3 21.7 65.1





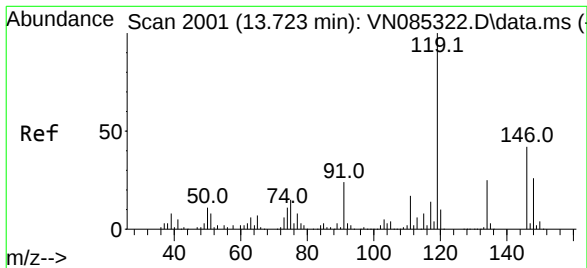
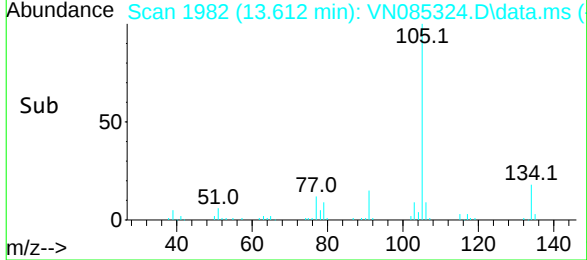
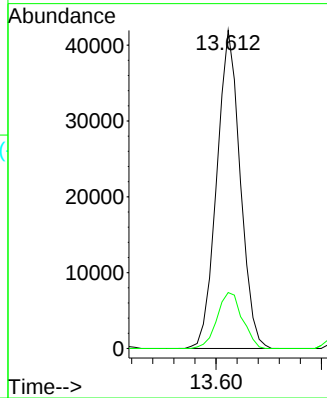
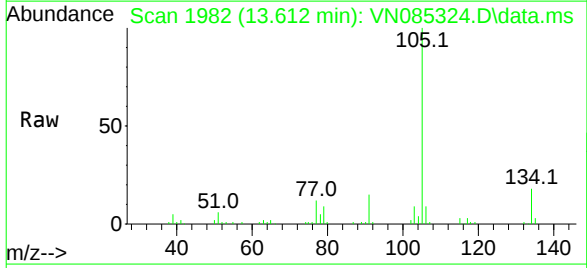
#85
sec-Butylbenzene
Concen: 10.118 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 64824
Ion Ratio Lower Upper
105 100
134 18.9 9.4 28.3

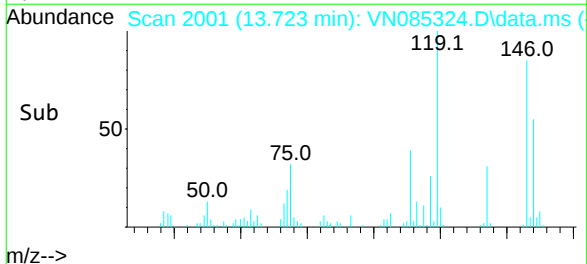
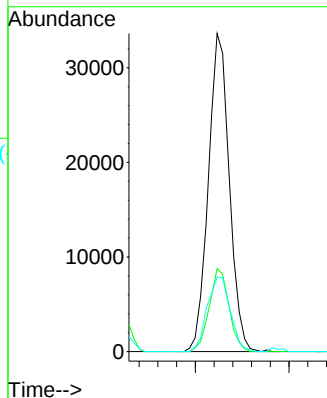
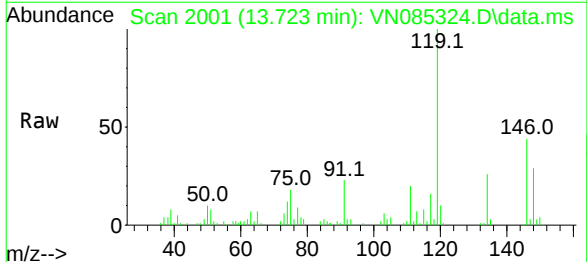
Manual Integrations
APPROVED

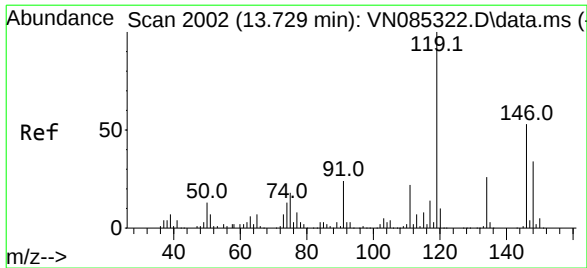
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#86
p-Isopropyltoluene
Concen: 9.726 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

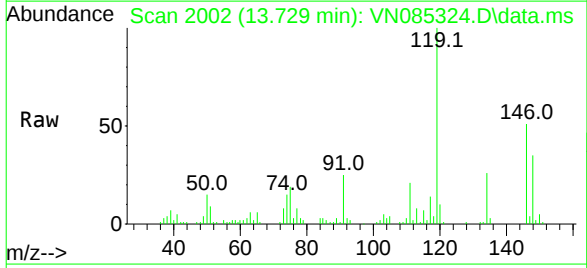
Tgt Ion:119 Resp: 52240
Ion Ratio Lower Upper
119 100
134 24.6 12.5 37.5
91 25.7 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 9.627 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

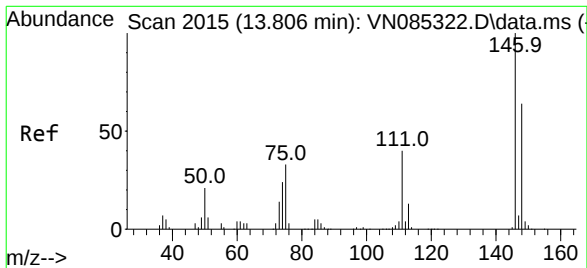
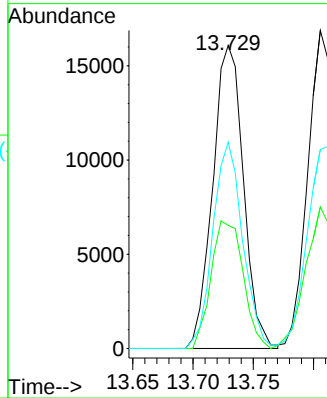
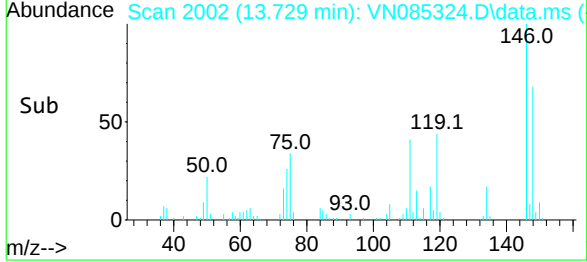
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



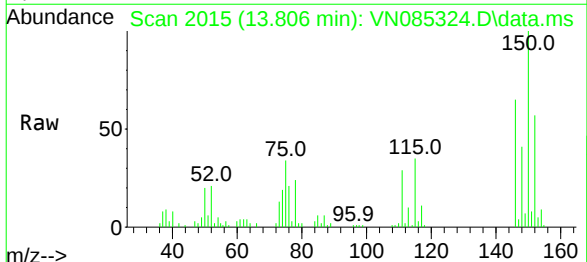
Tgt Ion:146 Resp: 28481
Ion Ratio Lower Upper
146 100
111 44.0 21.3 63.9
148 66.0 31.5 94.5

Manual Integrations
APPROVED

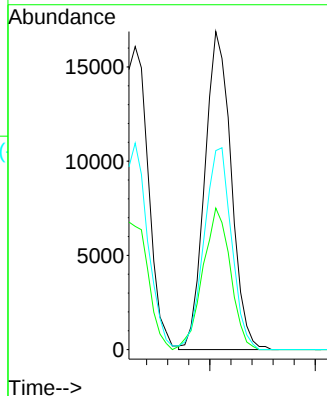
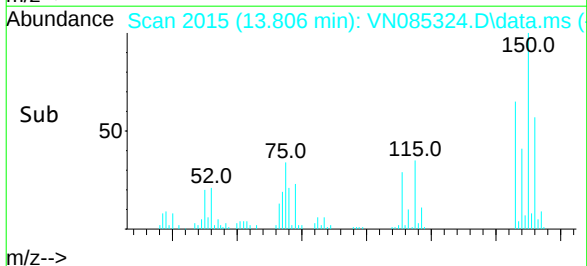
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

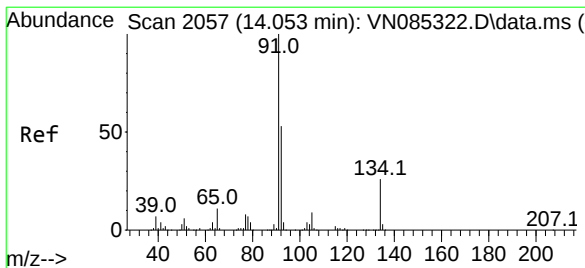


#88
1,4-Dichlorobenzene
Concen: 9.656 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37



Tgt Ion:146 Resp: 29343
Ion Ratio Lower Upper
146 100
111 46.4 20.8 62.5
148 66.1 31.7 95.1





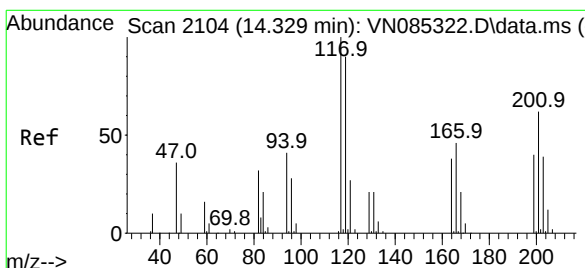
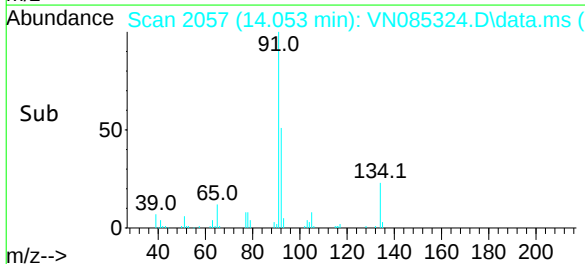
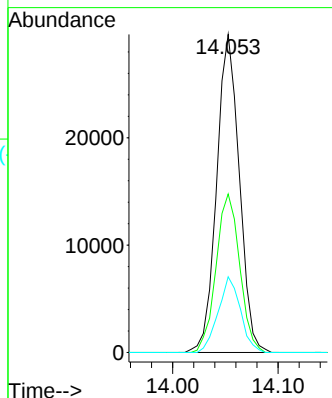
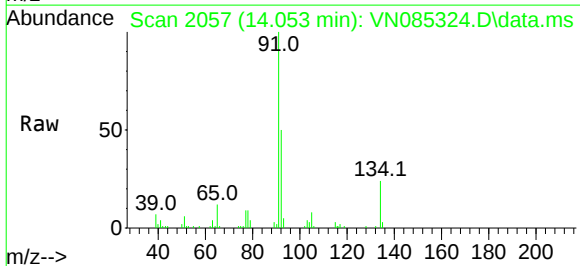
#89
n-Butylbenzene
Concen: 9.440 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 44284
Ion Ratio Lower Upper
91 100
92 51.9 26.0 78.0
134 23.4 12.1 36.3

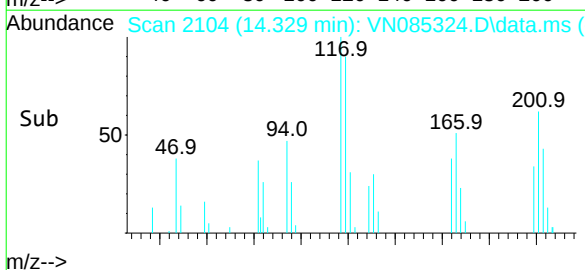
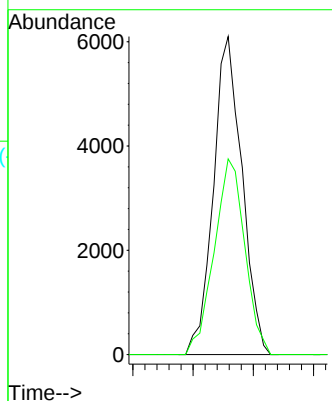
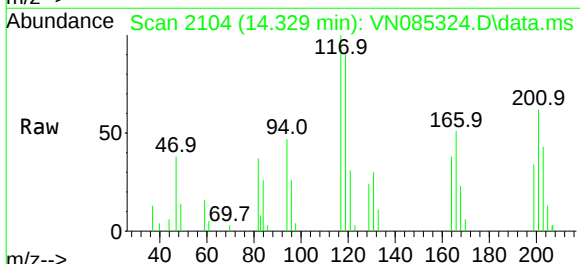
Manual Integrations
APPROVED

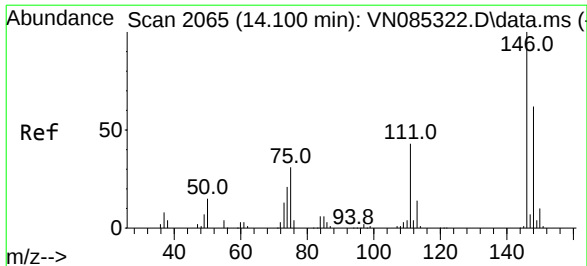
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#90
Hexachloroethane
Concen: 9.609 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

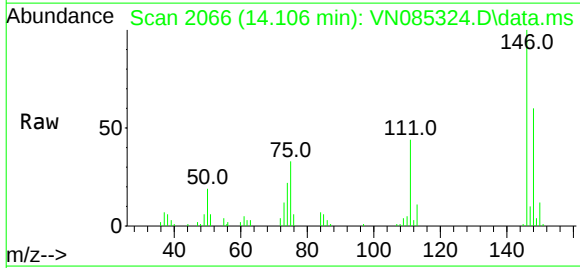
Tgt Ion:117 Resp: 10091
Ion Ratio Lower Upper
117 100
201 65.6 30.7 92.1





#91
1,2-Dichlorobenzene
Concen: 10.348 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

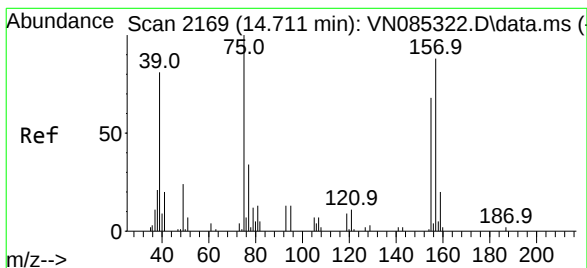
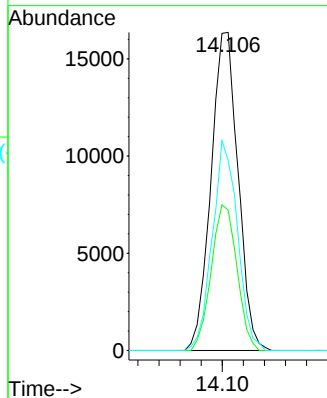
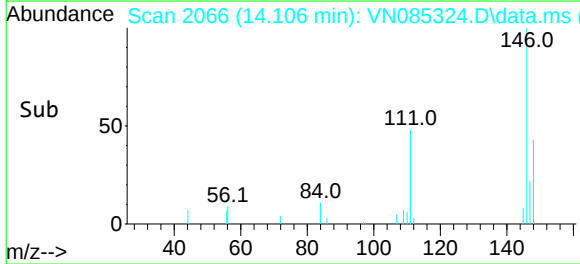
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:146 Resp: 29163
Ion Ratio Lower Upper
146 100
111 43.4 21.8 65.3
148 61.5 31.4 94.2

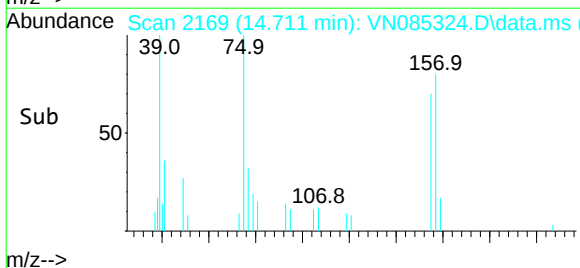
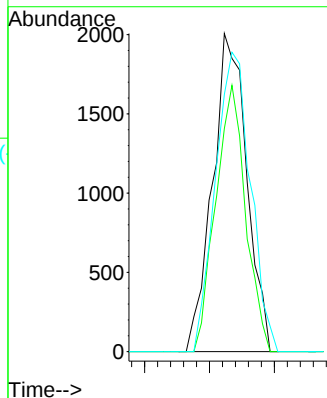
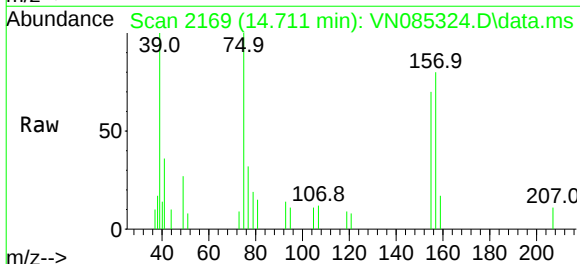
Manual Integrations
APPROVED

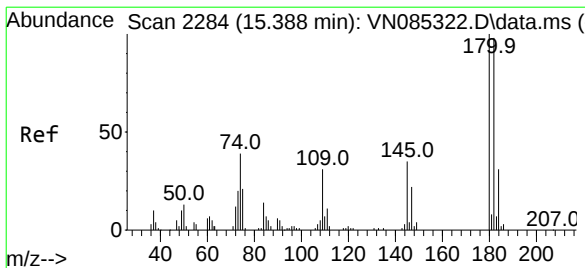
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.818 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VN085324.D
Acq: 27 Dec 2024 11:37

Tgt Ion: 75 Resp: 3666
Ion Ratio Lower Upper
75 100
155 73.4 35.6 106.9
157 96.6 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 9.538 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:180 Resp: 13416

Ion Ratio Lower Upper

180 100

182 97.7 47.2 141.6

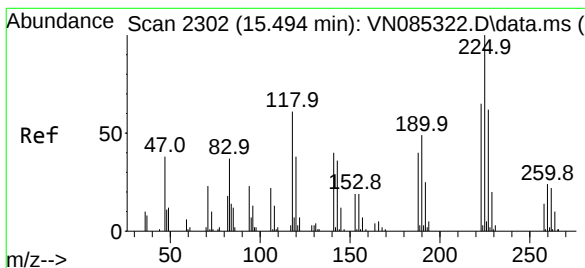
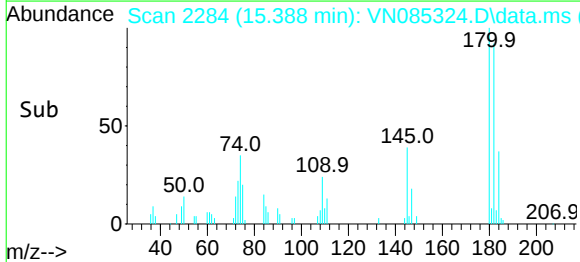
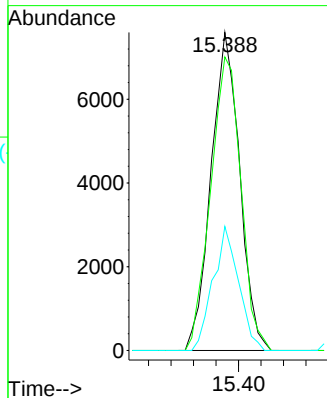
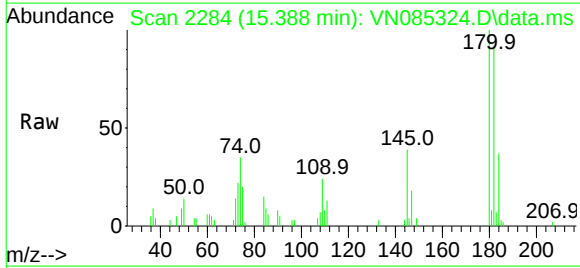
145 34.8 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#94

Hexachlorobutadiene

Concen: 9.830 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

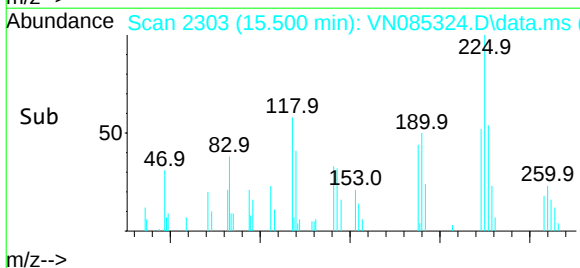
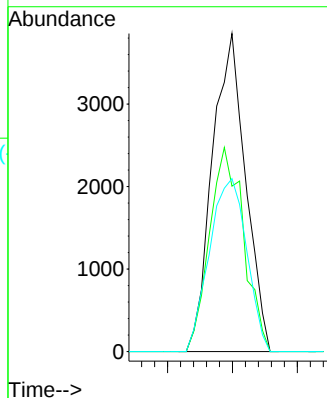
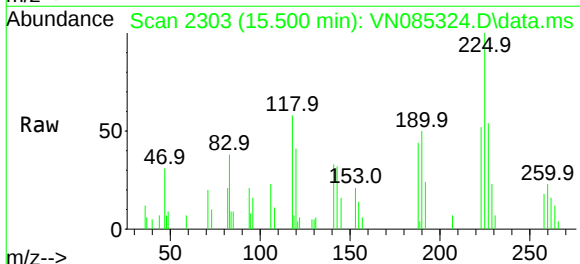
Tgt Ion:225 Resp: 6870

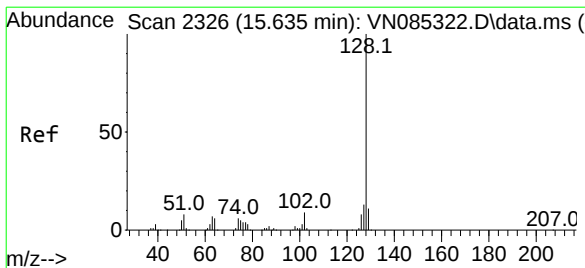
Ion Ratio Lower Upper

225 100

223 65.7 31.6 94.7

227 60.8 30.3 91.0





#95

Naphthalene

Concen: 9.374 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

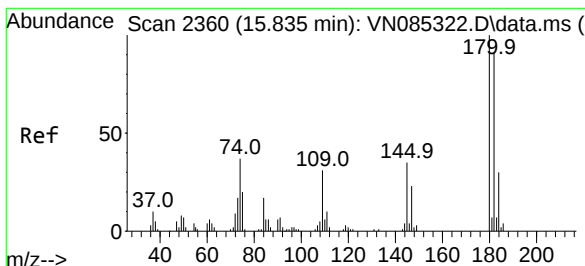
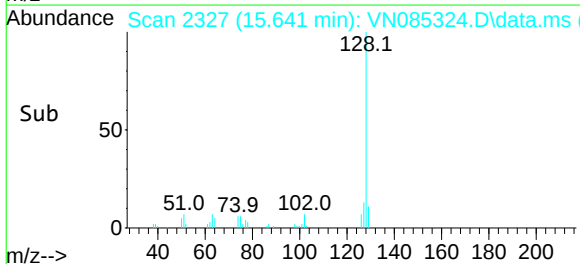
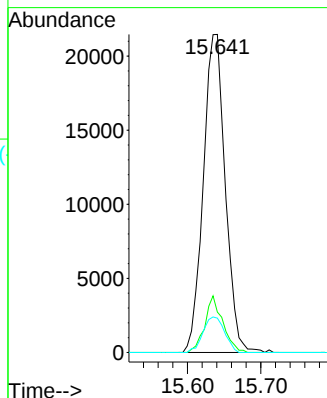
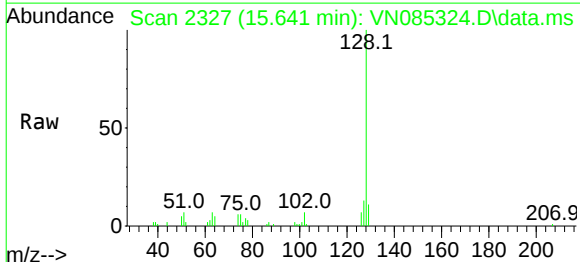
Tgt Ion:	128	Resp:	44712
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.6	16.0
129	11.0	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#96

1,2,3-Trichlorobenzene

Concen: 10.012 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085324.D

Acq: 27 Dec 2024 11:37

Tgt Ion:	180	Resp:	14070
Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.8	140.4
145	35.2	17.2	51.6

