

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085323.D
 Acq On : 27 Dec 2024 11:13
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 28 01:13:22 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	146535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	224166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	40091	19.182	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.360%#		
35) Dibromofluoromethane	8.159	113	30693	18.810	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.620%#		
50) Toluene-d8	10.565	98	111985	18.702	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	37.400%#		
62) 4-Bromofluorobenzene	12.847	95	37918	19.067	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	38.140%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38592	19.473	ug/l	98
3) Chloromethane	2.359	50	43217	19.403	ug/l	97
4) Vinyl Chloride	2.512	62	48485	20.583	ug/l	93
5) Bromomethane	2.953	94	31343	20.345	ug/l	99
6) Chloroethane	3.112	64	30158	20.188	ug/l	97
7) Trichlorofluoromethane	3.500	101	63811	20.607	ug/l	96
8) Diethyl Ether	3.959	74	21865	21.325	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	35482	20.140	ug/l	97
10) Methyl Iodide	4.589	142	42319	20.755	ug/l	91
11) Tert butyl alcohol	5.512	59	27123	103.637	ug/l	100
12) 1,1-Dichloroethene	4.342	96	34208	21.007	ug/l	96
13) Acrolein	4.177	56	40956	100.376	ug/l	98
14) Allyl chloride	5.018	41	53265	20.438	ug/l	100
15) Acrylonitrile	5.718	53	87221	105.889	ug/l	98
16) Acetone	4.424	43	73157	106.449	ug/l	97
17) Carbon Disulfide	4.712	76	101412	20.471	ug/l	98
18) Methyl Acetate	5.024	43	43744	20.790	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	113371	21.420	ug/l	97
20) Methylene Chloride	5.277	84	38285	20.711	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	36209	21.286	ug/l	91
22) Diisopropyl ether	6.665	45	120874	21.523	ug/l	99
23) Vinyl Acetate	6.600	43	461817m	114.387	ug/l	
24) 1,1-Dichloroethane	6.565	63	70880	20.952	ug/l	97
25) 2-Butanone	7.477	43	114225	107.133	ug/l	96
26) 2,2-Dichloropropane	7.483	77	63819	21.532	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	42857	21.466	ug/l	97
28) Bromochloromethane	7.806	49	31632	20.120	ug/l #	99
29) Tetrahydrofuran	7.835	42	74837	108.966	ug/l	99
30) Chloroform	7.965	83	72892	21.061	ug/l	95
31) Cyclohexane	8.253	56	61911	20.041	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	64420	20.841	ug/l	92
36) 1,1-Dichloropropene	8.365	75	49840	20.861	ug/l	98
37) Ethyl Acetate	7.553	43	49720	20.937	ug/l	99
38) Carbon Tetrachloride	8.359	117	55847	21.445	ug/l	94
39) Methylcyclohexane	9.600	83	53626	21.633	ug/l	100
40) Benzene	8.606	78	154946	21.450	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	25636	21.079	ug/l	98
42) 1,2-Dichloroethane	8.665	62	57096	22.046	ug/l	98
43) Isopropyl Acetate	8.682	43	82570	21.117	ug/l	99
44) Trichloroethene	9.347	130	36092	21.104	ug/l	96
45) 1,2-Dichloropropane	9.618	63	39400	21.486	ug/l	93
46) Dibromomethane	9.706	93	26782	21.000	ug/l	98
47) Bromodichloromethane	9.882	83	55383	20.894	ug/l	93
48) Methyl methacrylate	9.677	41	36893	21.744	ug/l	98
49) 1,4-Dioxane	9.694	88	11804	461.104	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	241756	110.019	ug/l	100
52) Toluene	10.624	92	93343	21.702	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	55084	21.132	ug/l	94
54) cis-1,3-Dichloropropene	10.306	75	61217	21.718	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	33459	20.604	ug/l	96
56) Ethyl methacrylate	10.871	69	53114	22.458	ug/l	98
57) 1,3-Dichloropropane	11.159	76	61684	21.643	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	118474	103.539	ug/l	100
59) 2-Hexanone	11.194	43	170875	112.081	ug/l	100
60) Dibromochloromethane	11.359	129	39538	21.617	ug/l	98
61) 1,2-Dibromoethane	11.465	107	35034	21.807	ug/l	98
64) Tetrachloroethene	11.100	164	30849	21.718	ug/l	96
65) Chlorobenzene	11.888	112	101427	20.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	35030	21.546	ug/l	97
67) Ethyl Benzene	11.959	91	174337	21.640	ug/l	100
68) m/p-Xylenes	12.065	106	132648	44.993	ug/l	100
69) o-Xylene	12.394	106	63003	22.091	ug/l	95
70) Styrene	12.406	104	105054	22.728	ug/l	99
71) Bromoform	12.570	173	24644	21.885	ug/l #	98
73) Isopropylbenzene	12.694	105	160752	22.153	ug/l	98
74) N-amyl acetate	12.488	43	69938	22.517	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	48294	20.897	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	38100m	19.654	ug/l	
77) Bromobenzene	12.976	156	37077	20.623	ug/l	98
78) n-propylbenzene	13.029	91	188143	22.243	ug/l	99
79) 2-Chlorotoluene	13.123	91	117169	22.010	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	132546	22.582	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16798	21.448	ug/l	99
82) 4-Chlorotoluene	13.217	91	117825	21.976	ug/l	97
83) tert-Butylbenzene	13.435	119	111983	22.025	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	135046	23.107	ug/l	99
85) sec-Butylbenzene	13.612	105	155451	22.026	ug/l	98
86) p-Isopropyltoluene	13.723	119	130425	21.487	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	69890	21.444	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	70759	21.136	ug/l	99
89) n-Butylbenzene	14.053	91	113729	22.006	ug/l	99
90) Hexachloroethane	14.329	117	24441	21.128	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	67480	21.735	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	9030	21.954	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	33300	21.491	ug/l	99
94) Hexachlorobutadiene	15.500	225	16152	20.980	ug/l	97
95) Naphthalene	15.635	128	111233	21.170	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	32729	21.140	ug/l	98

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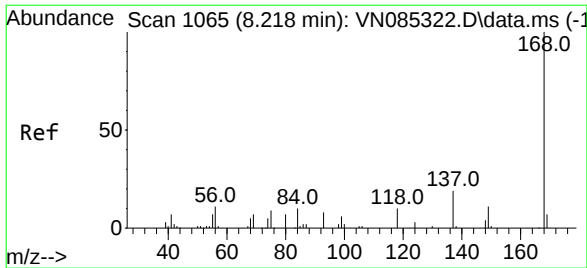
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:10:11 2024
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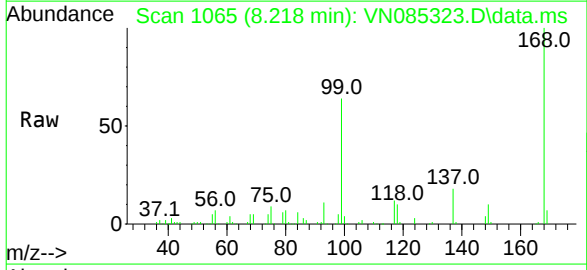
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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
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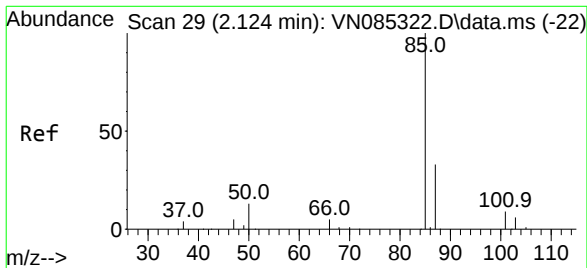
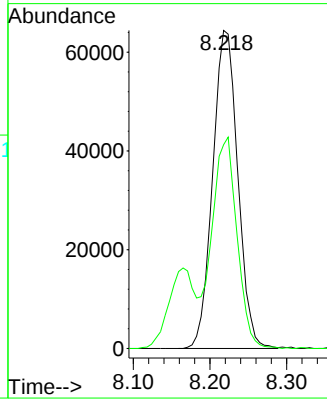
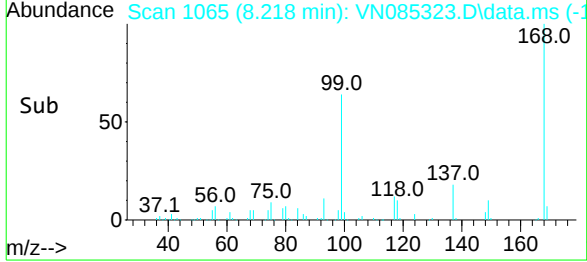
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 146535
Ion Ratio Lower Upper
168 100
99 63.8 51.0 76.4

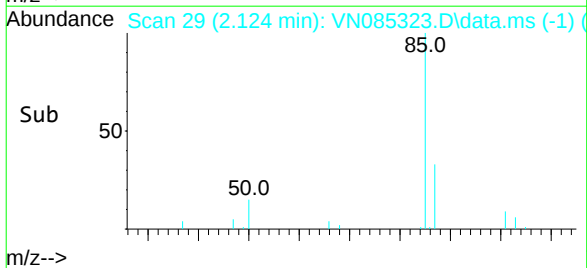
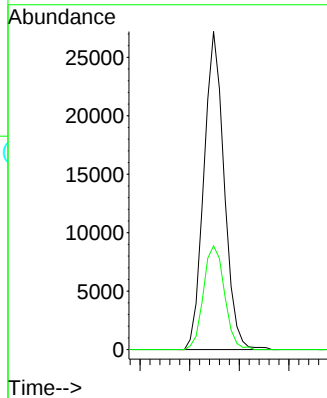
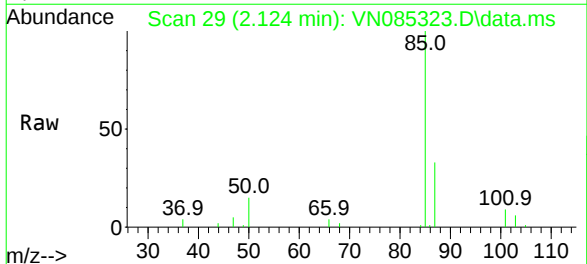
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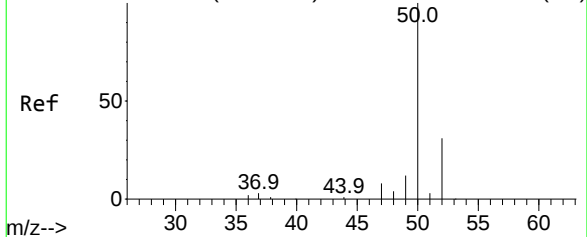


#2
Dichlorodifluoromethane
Concen: 19.473 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion: 85 Resp: 38592
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.3



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



#3

Chloromethane

Concen: 19.403 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 43217

Ion Ratio Lower Upper

50 100

52 33.1 25.1 37.7

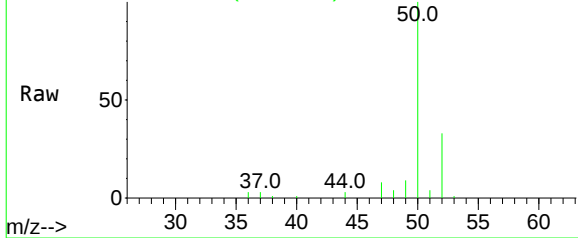
Manual Integrations

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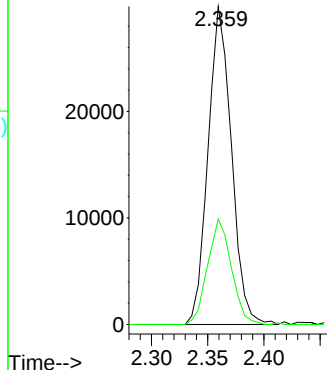
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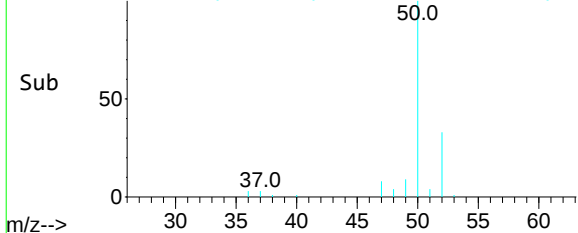
Abundance Scan 69 (2.359 min): VN085323.D\data.ms



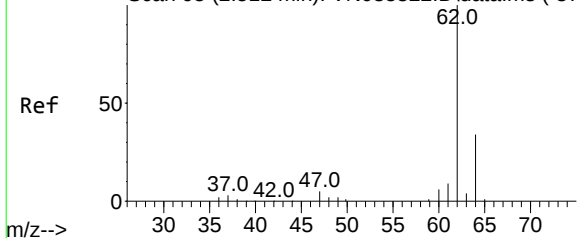
Abundance



Abundance Scan 69 (2.359 min): VN085323.D\data.ms (-18)



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



#4

Vinyl Chloride

Concen: 20.583 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

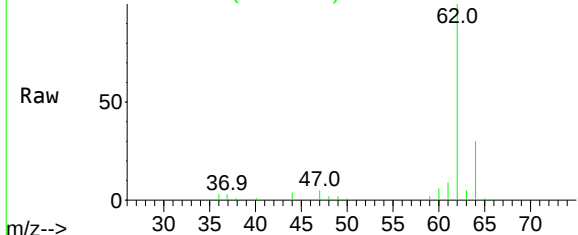
Tgt Ion: 62 Resp: 48485

Ion Ratio Lower Upper

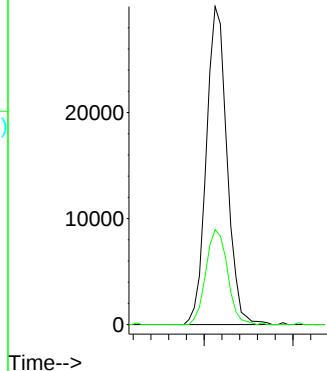
62 100

64 29.9 27.0 40.6

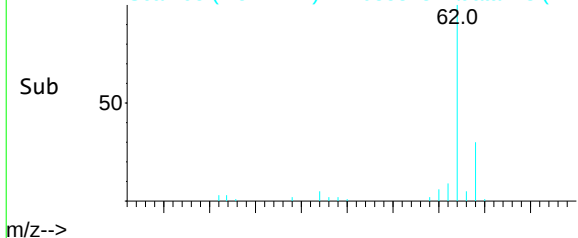
Abundance Scan 95 (2.512 min): VN085323.D\data.ms

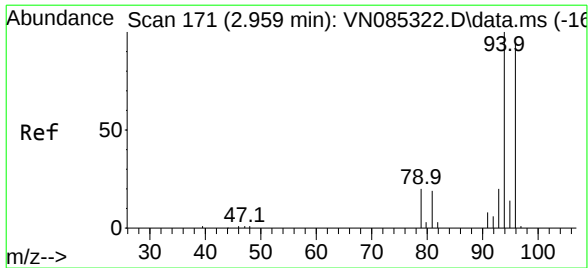


Abundance



Abundance Scan 95 (2.512 min): VN085323.D\data.ms (-44)





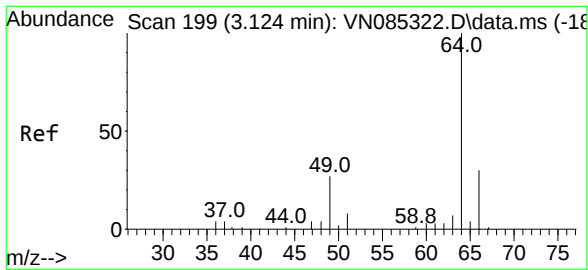
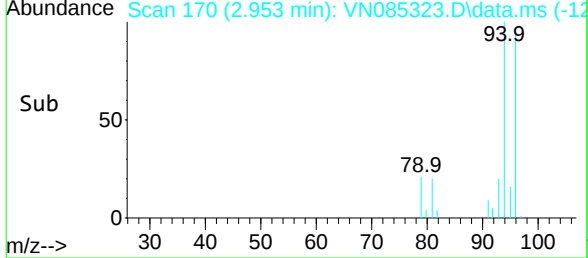
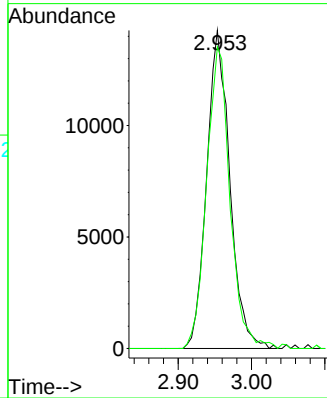
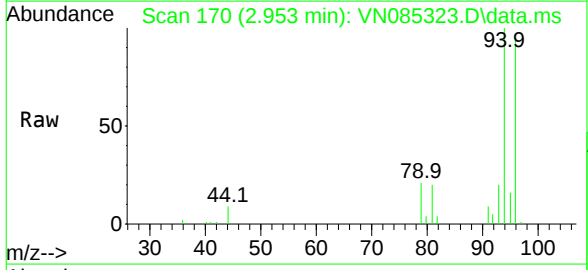
#5
Bromomethane
Concen: 20.345 ug/l
RT: 2.953 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

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Tgt Ion: 94 Resp: 31343
Ion Ratio Lower Upper
94 100
96 94.9 75.2 112.8

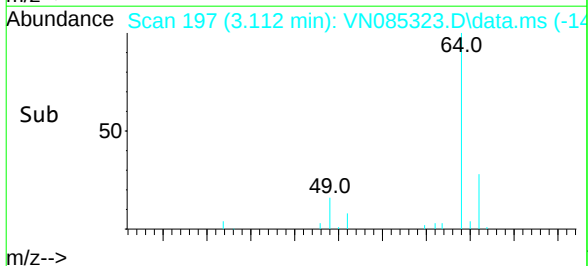
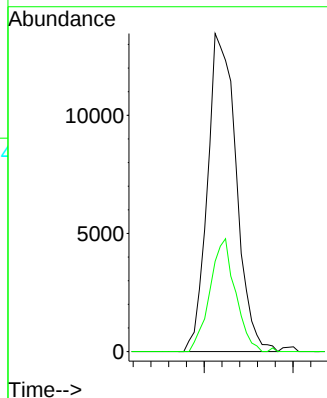
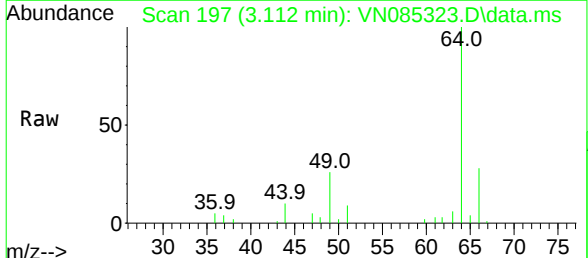
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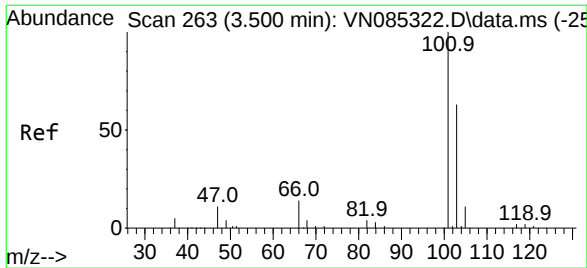
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#6
Chloroethane
Concen: 20.188 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion: 64 Resp: 30158
Ion Ratio Lower Upper
64 100
66 28.4 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 20.607 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085323.D
 Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

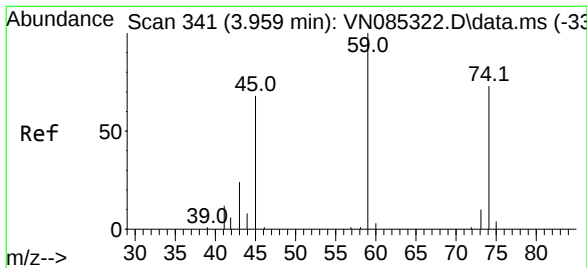
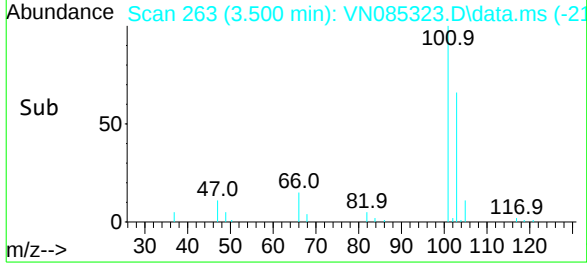
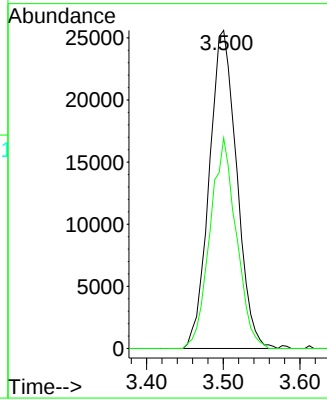
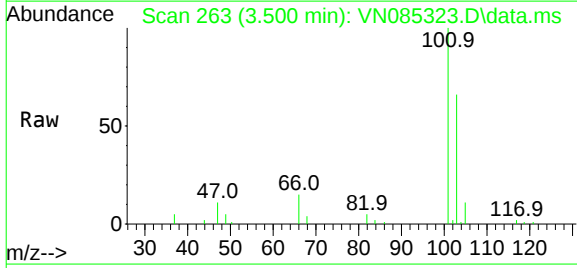
ClientSampleId :

VSTDIC020

Tgt Ion:101 Resp: 63811
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.3 75.5

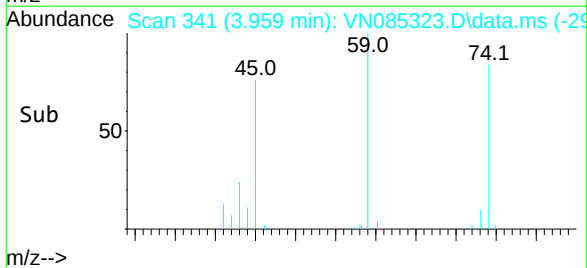
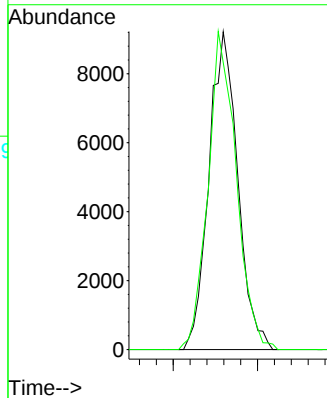
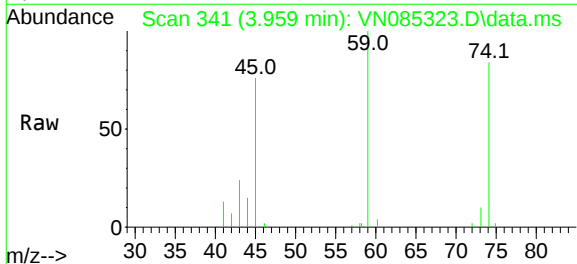
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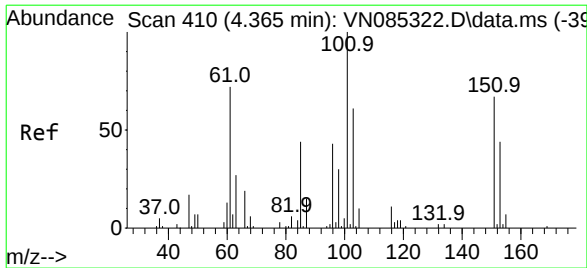
Reviewed By :John Carlone 12/30/2024
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#8
 Diethyl Ether
 Concen: 21.325 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 21865
 Ion Ratio Lower Upper
 74 100
 45 98.3 47.5 142.6





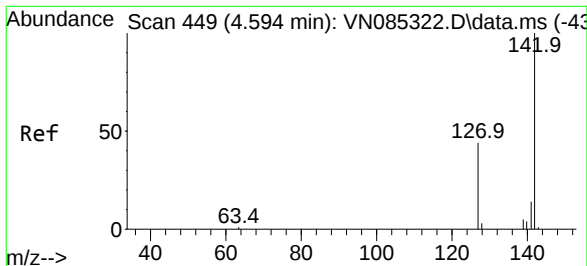
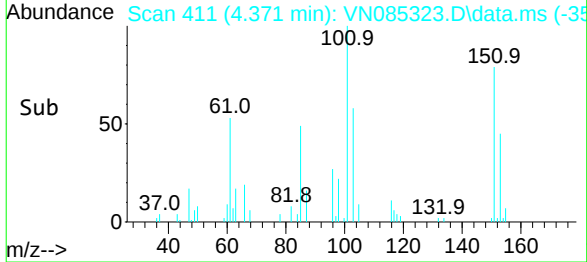
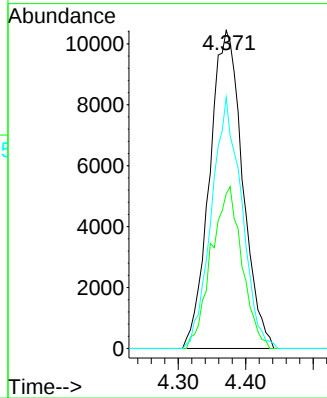
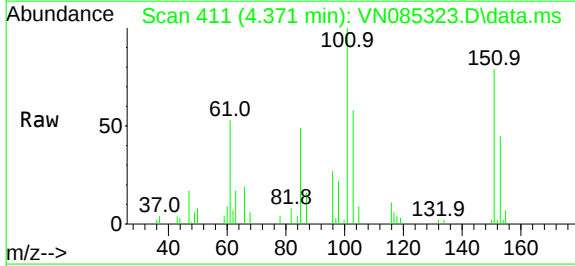
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.140 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 35482
Ion Ratio Lower Upper
101 100
85 47.2 36.2 54.4
151 72.0 55.8 83.6

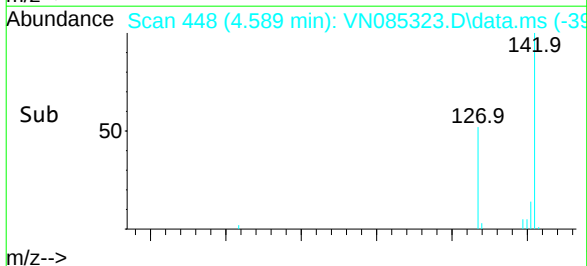
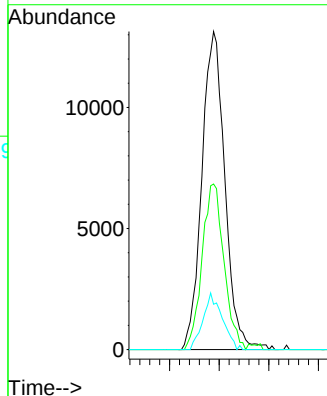
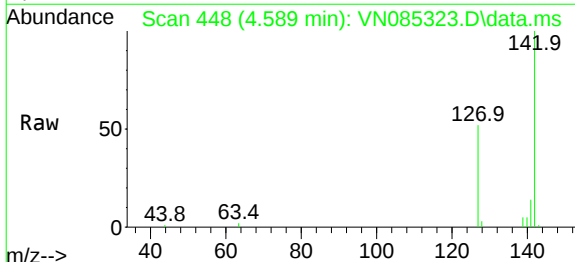
Manual Integrations
APPROVED

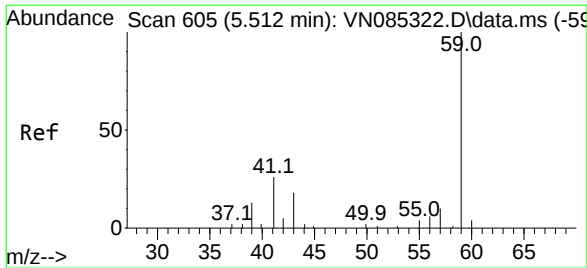
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#10
Methyl Iodide
Concen: 20.755 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion:142 Resp: 42319
Ion Ratio Lower Upper
142 100
127 52.1 35.3 52.9
141 14.2 11.5 17.3





#11

Tert butyl alcohol

Concen: 103.637 ug/l

RT: 5.512 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 27123

Ion Ratio Lower Upper

59 100

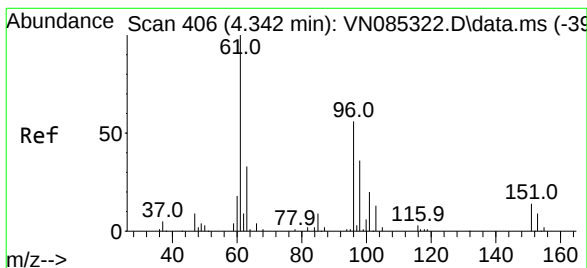
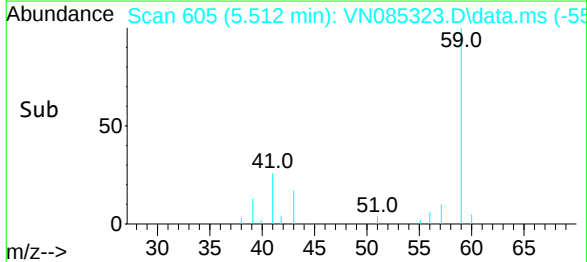
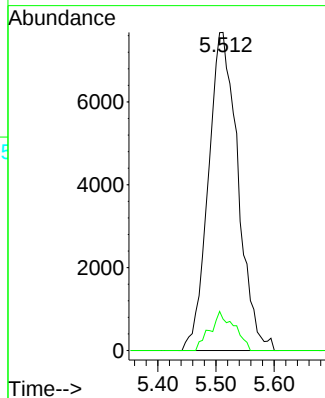
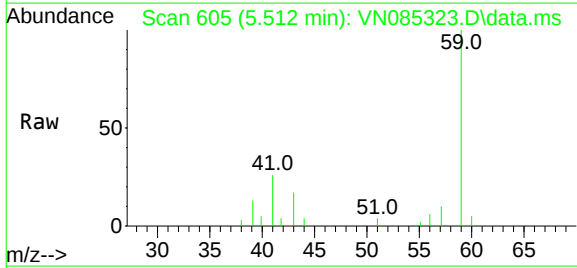
57 10.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#12

1,1-Dichloroethene

Concen: 21.007 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

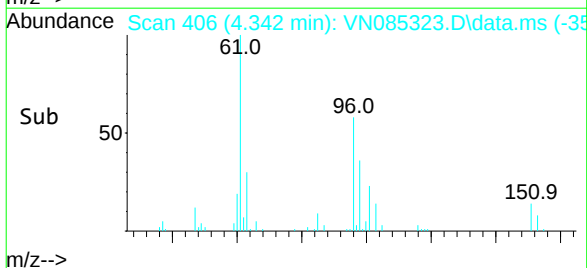
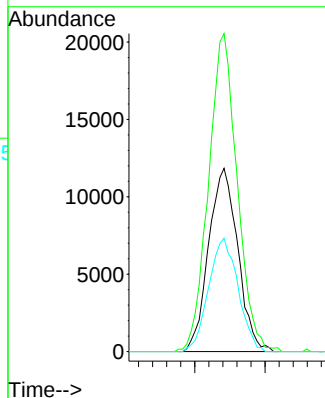
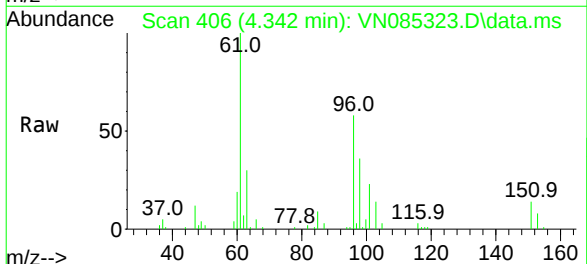
Tgt Ion: 96 Resp: 34208

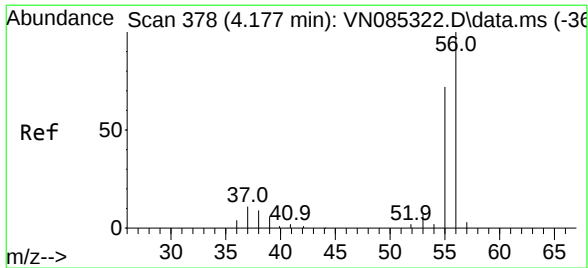
Ion Ratio Lower Upper

96 100

61 172.3 142.4 213.6

98 61.9 51.5 77.3





#13
 Acrolein
 Concen: 100.376 ug/l
 RT: 4.177 min Scan# 378
 Delta R.T. 0.000 min
 Lab File: VN085323.D
 Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

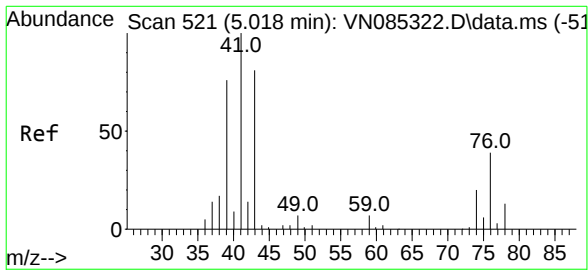
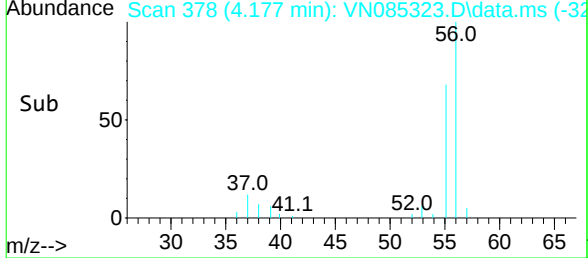
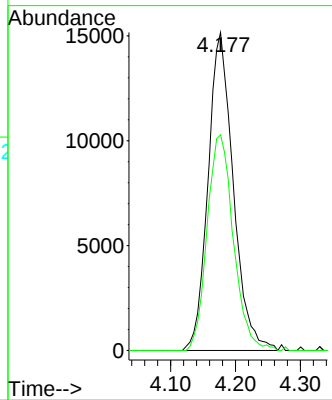
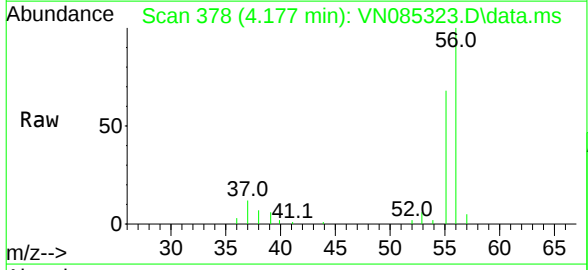
VSTDICC020

Tgt Ion:	56	Resp:	40956
Ion	Ratio	Lower	Upper
56	100		
55	70.6	57.5	86.3

Manual Integrations

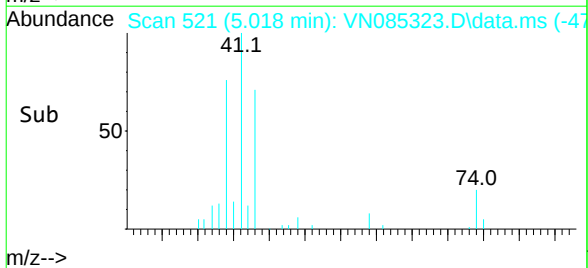
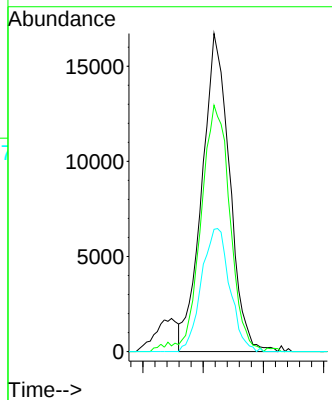
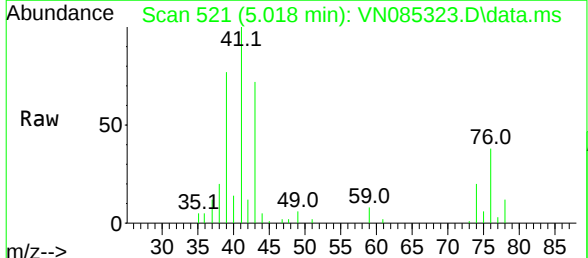
APPROVED

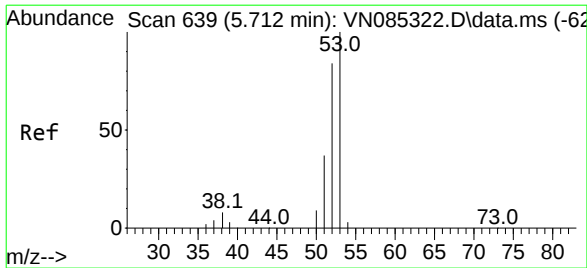
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#14
 Allyl chloride
 Concen: 20.438 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: VN085323.D
 Acq: 27 Dec 2024 11:13

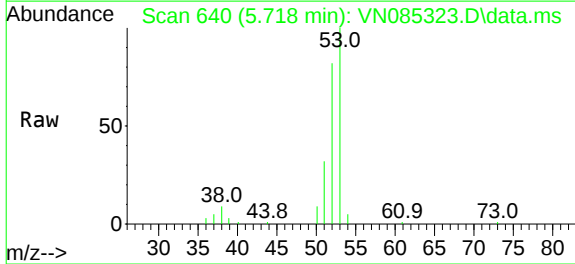
Tgt Ion:	41	Resp:	53265
Ion	Ratio	Lower	Upper
41	100		
39	80.0	64.4	96.6
76	39.6	31.5	47.3





#15
Acrylonitrile
Concen: 105.889 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

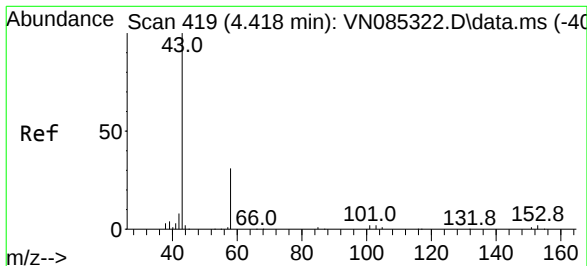
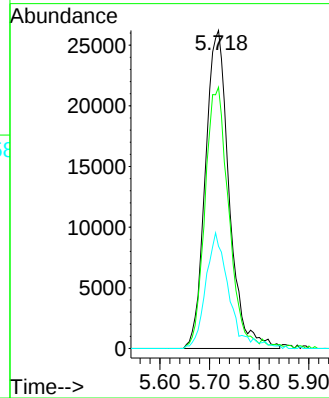
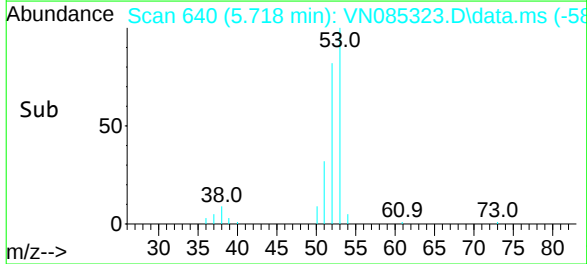
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.6	100.0
51	35.9	29.6	44.4

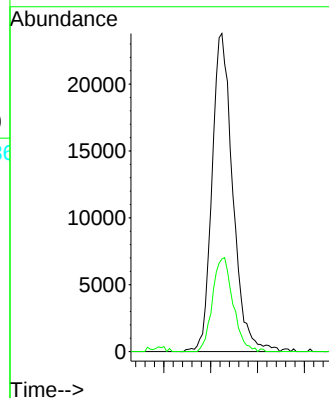
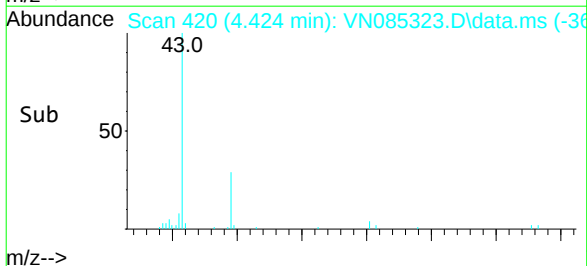
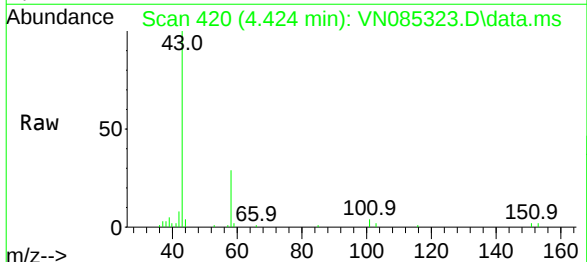
Manual Integrations
APPROVED

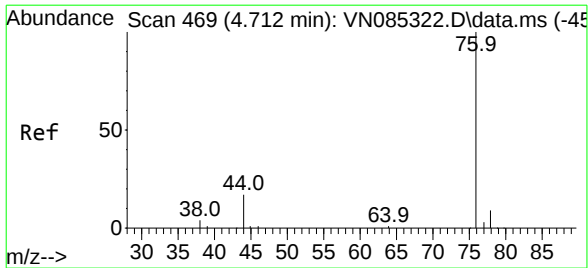
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#16
Acetone
Concen: 106.449 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.5	36.7





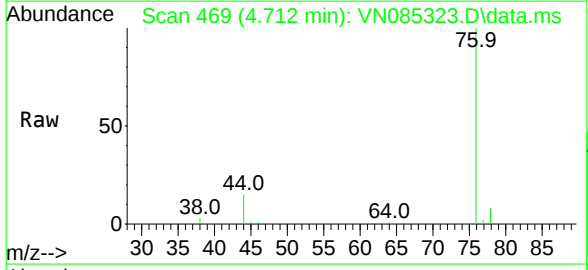
#17
Carbon Disulfide
Concen: 20.471 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

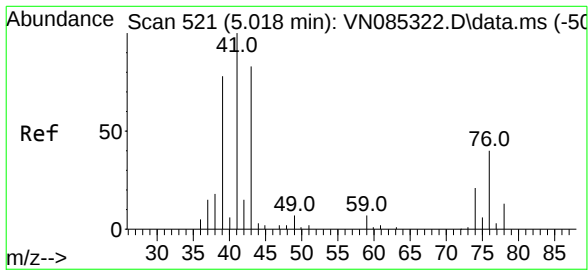
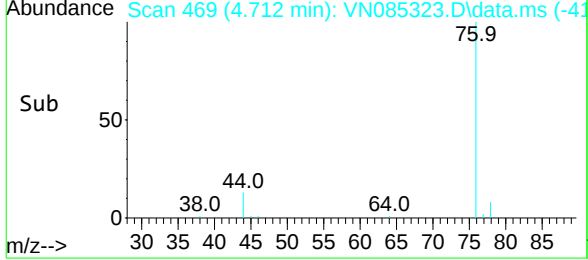
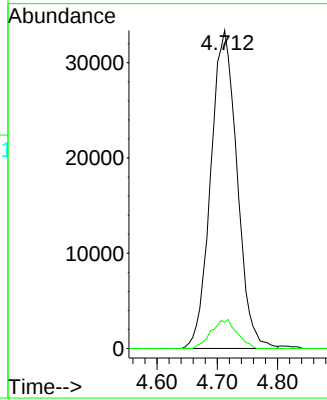


Tgt Ion: 76 Resp: 101412
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

Manual Integrations

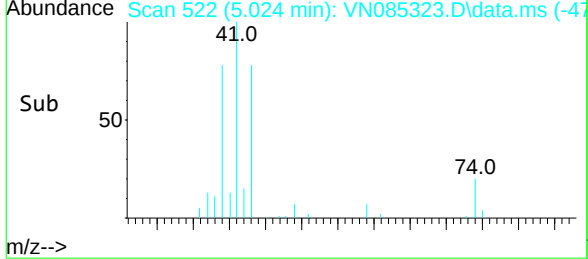
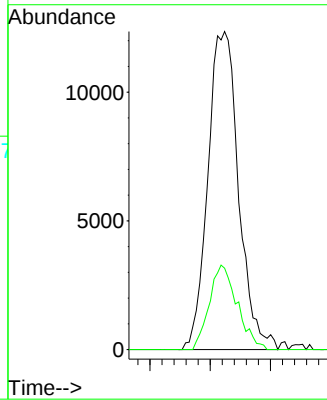
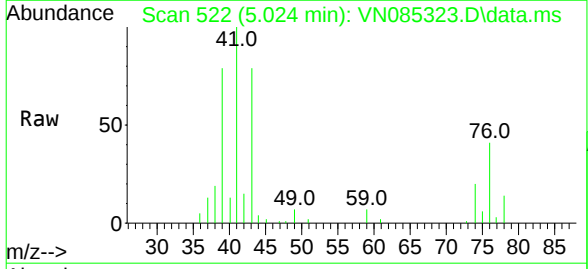
APPROVED

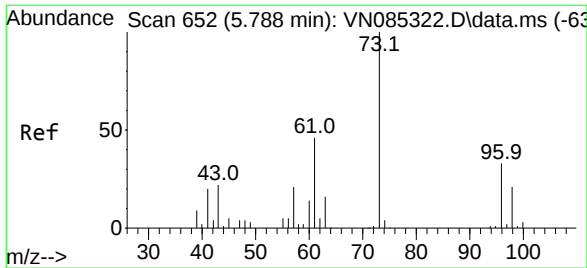
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#18
Methyl Acetate
Concen: 20.790 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion: 43 Resp: 43744
Ion Ratio Lower Upper
43 100
74 24.2 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 21.420 ug/l

RT: 5.794 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 73 Resp: 113371

Ion Ratio Lower Upper

73 100

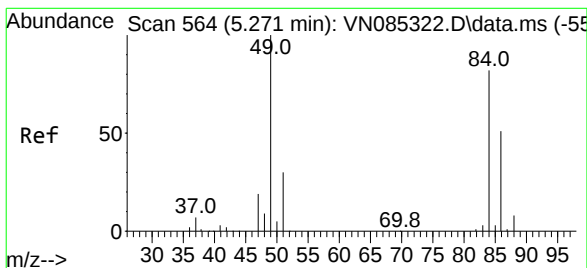
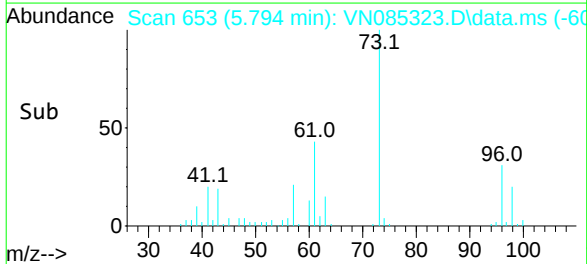
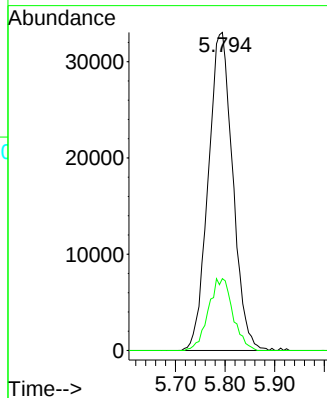
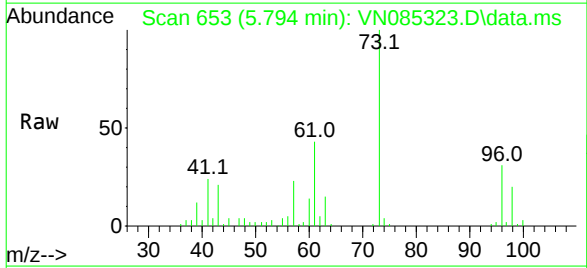
57 22.6 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#20

Methylene Chloride

Concen: 20.711 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Tgt Ion: 84 Resp: 38285

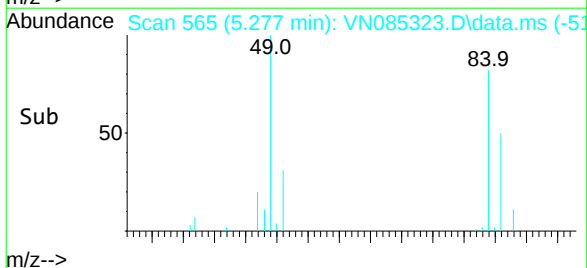
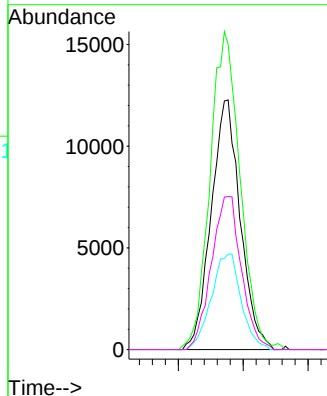
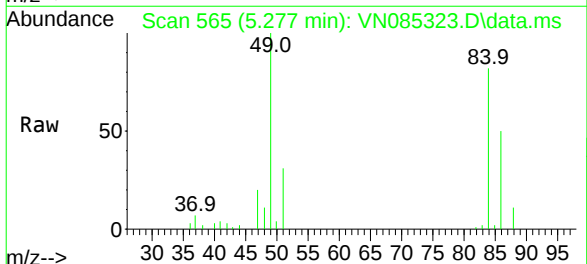
Ion Ratio Lower Upper

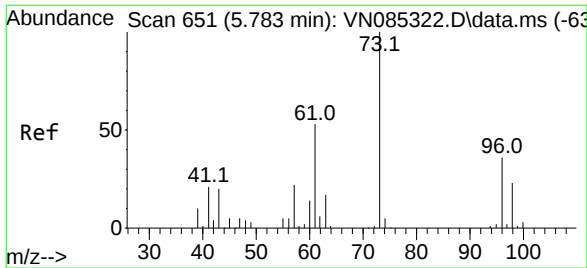
84 100

49 122.2 97.6 146.4

51 38.2 29.1 43.7

86 61.3 49.3 73.9





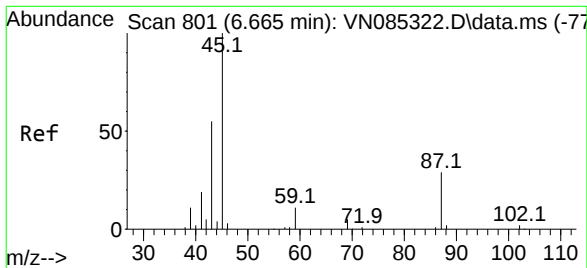
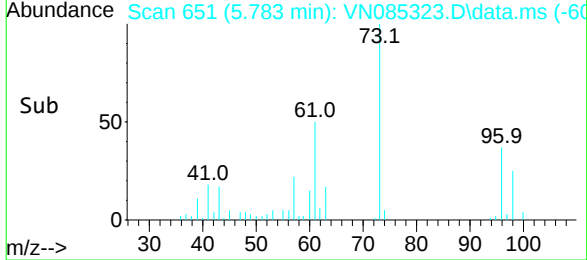
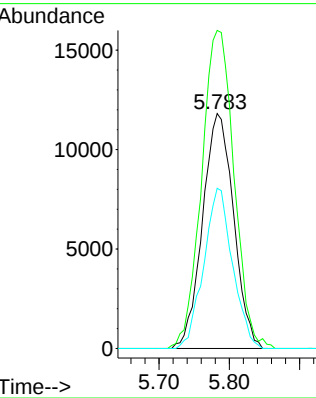
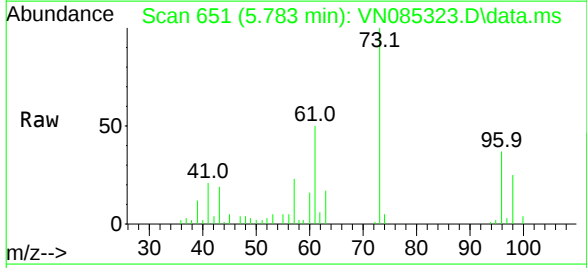
#21
trans-1,2-Dichloroethene
Concen: 21.286 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 36209
Ion Ratio Lower Upper
96 100
61 135.4 118.0 177.0
98 68.2 50.6 75.8

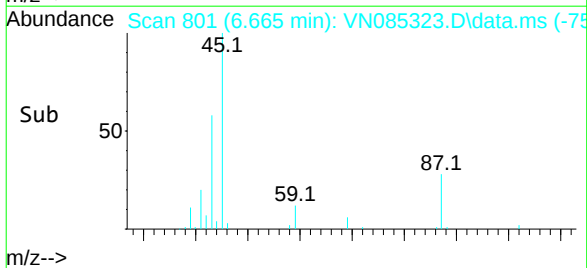
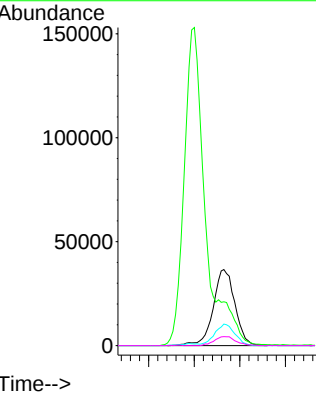
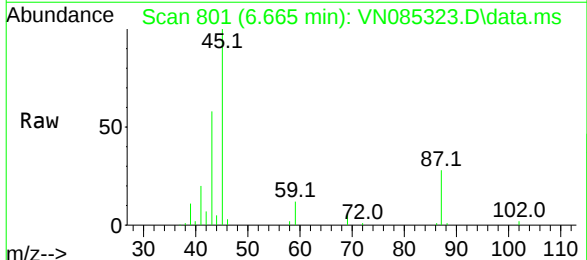
Manual Integrations
APPROVED

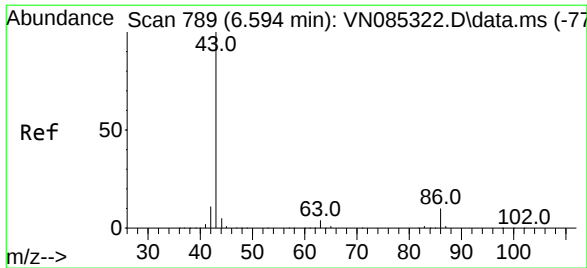
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#22
Diisopropyl ether
Concen: 21.523 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion: 45 Resp: 120874
Ion Ratio Lower Upper
45 100
43 56.3 44.1 66.1
87 28.3 23.2 34.8
59 11.7 9.0 13.6





#23

Vinyl Acetate

Concen: 114.387 ug/l m

RT: 6.600 min Scan# 79

Delta R.T. 0.006 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 461817

Ion Ratio Lower Upper

43 100

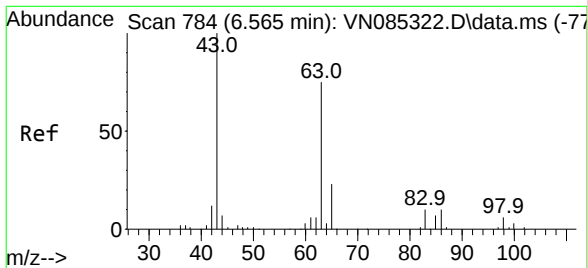
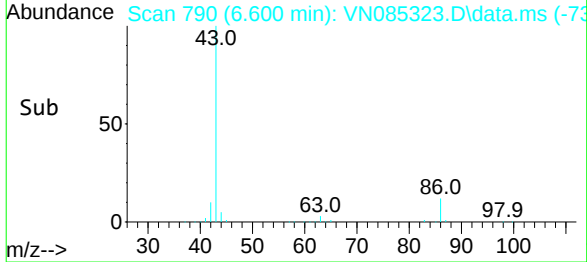
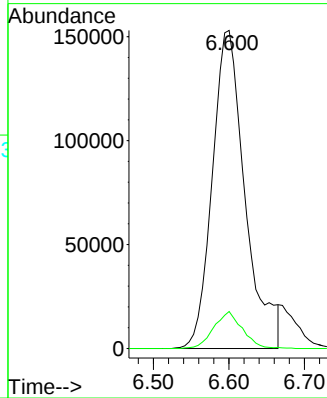
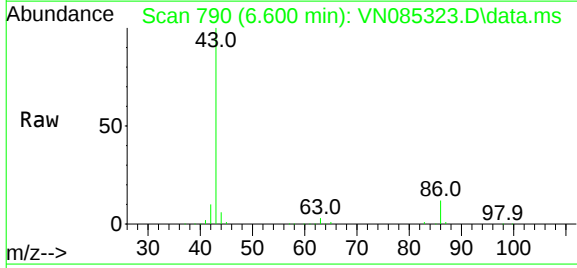
86 11.6 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#24

1,1-Dichloroethane

Concen: 20.952 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

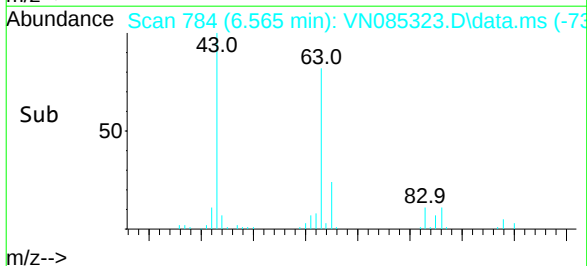
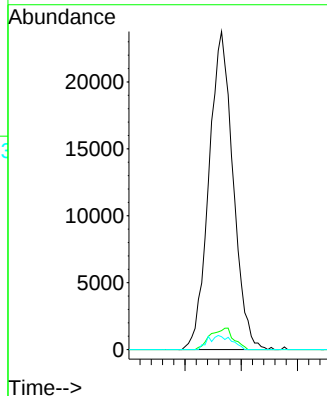
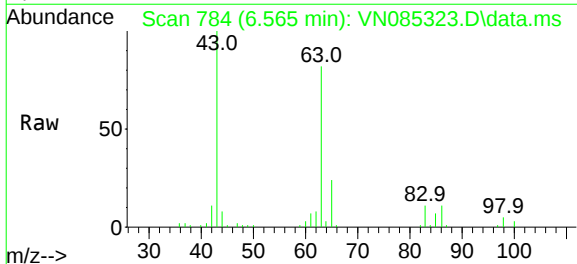
Tgt Ion: 63 Resp: 70880

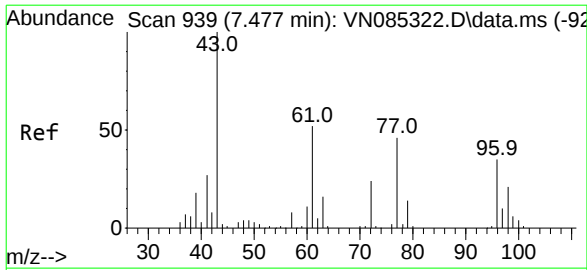
Ion Ratio Lower Upper

63 100

98 6.0 3.7 11.1

100 4.1 2.3 6.8





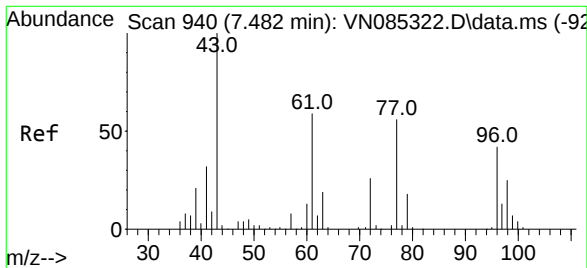
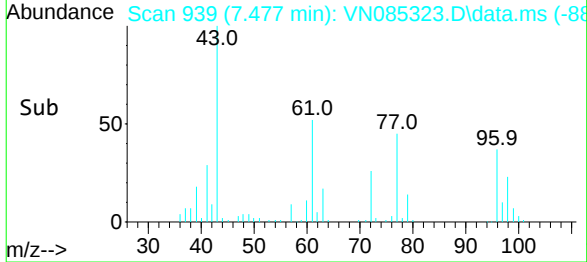
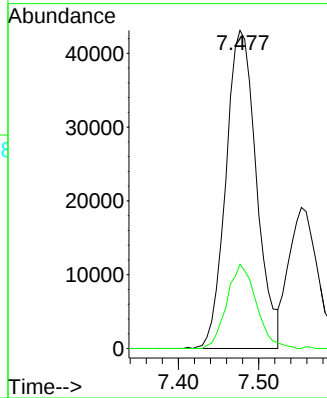
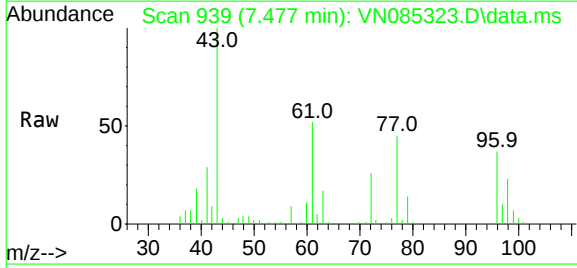
#25
2-Butanone
Concen: 107.133 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 114225
Ion Ratio Lower Upper
43 100
72 26.4 19.6 29.4

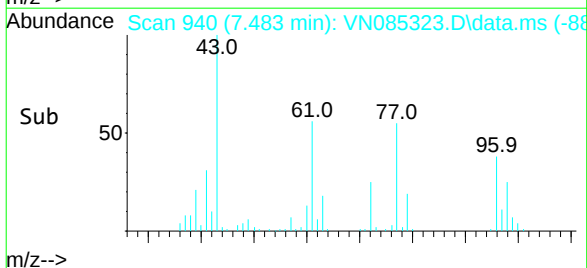
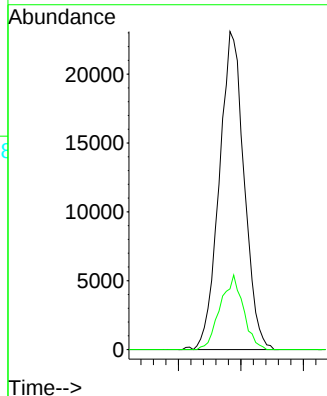
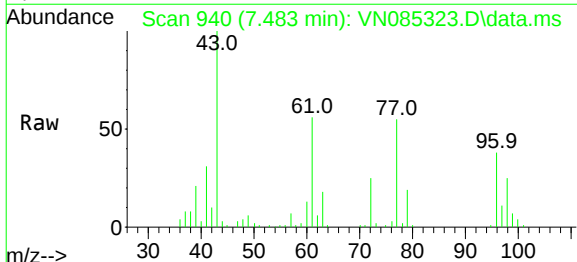
Manual Integrations
APPROVED

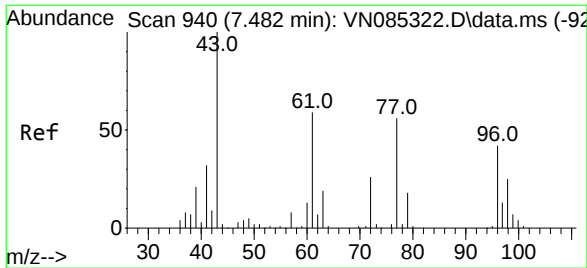
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#26
2,2-Dichloropropane
Concen: 21.532 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion: 77 Resp: 63819
Ion Ratio Lower Upper
77 100
97 21.7 10.6 31.8





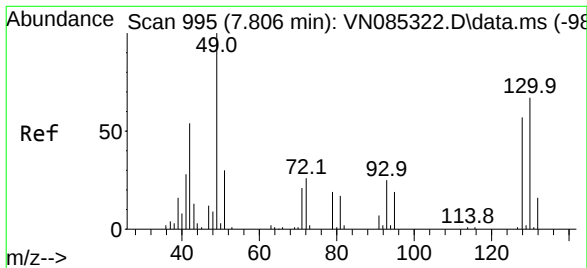
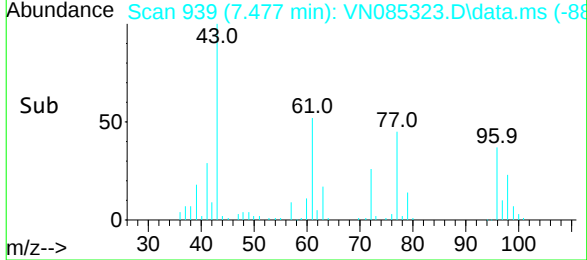
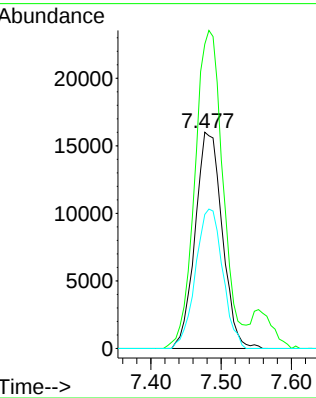
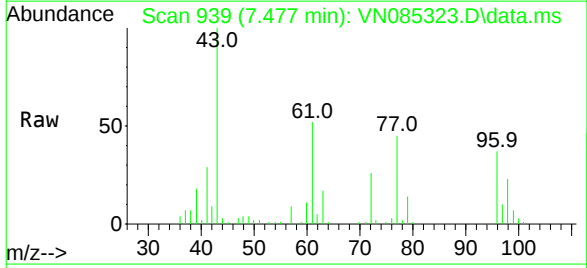
#27
cis-1,2-Dichloroethene
Concen: 21.466 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 42857
Ion Ratio Lower Upper
96 100
61 152.1 0.0 296.4
98 64.8 0.0 124.2

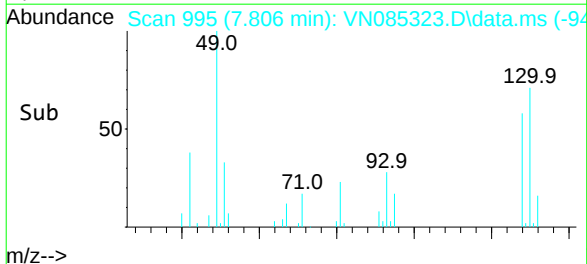
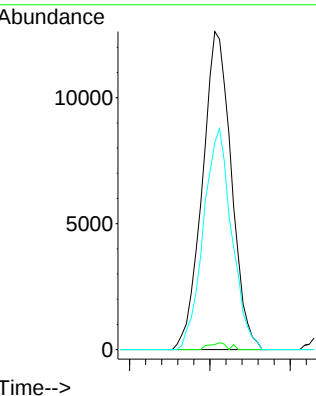
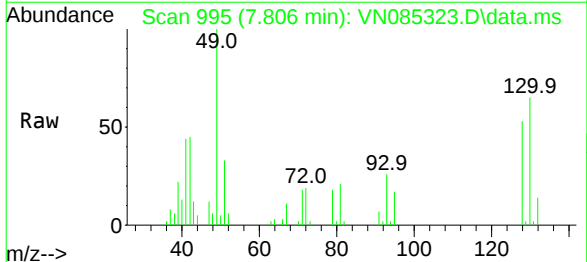
Manual Integrations
APPROVED

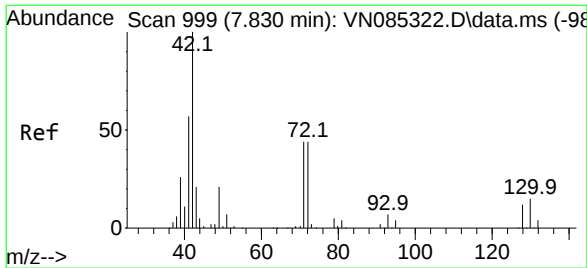
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#28
Bromochloromethane
Concen: 20.120 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion: 49 Resp: 31632
Ion Ratio Lower Upper
49 100
129 1.4 0.0 2.0
130 68.1 0.0 0.0#





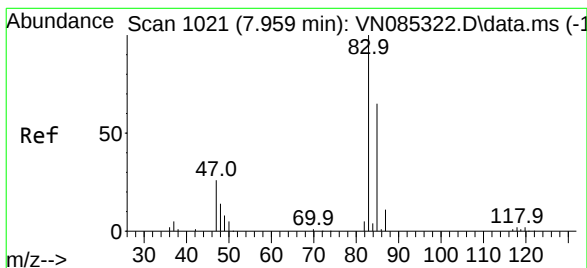
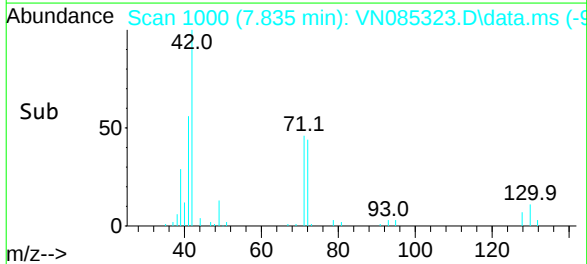
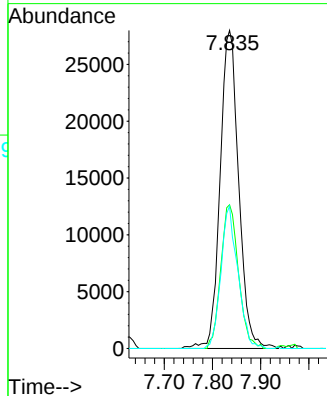
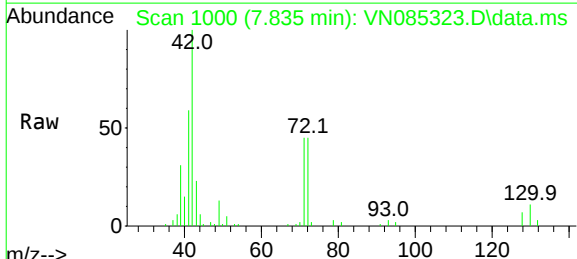
#29
Tetrahydrofuran
Concen: 108.966 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 74837
Ion Ratio Lower Upper
42 100
72 43.3 35.1 52.7
71 40.8 33.4 50.0

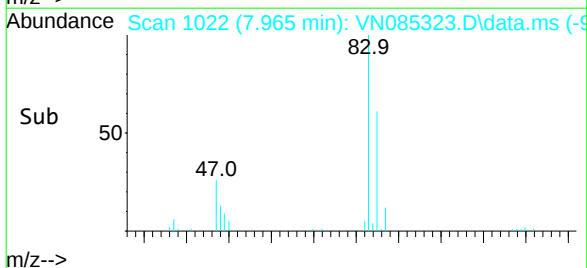
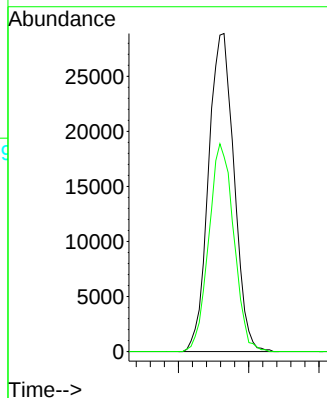
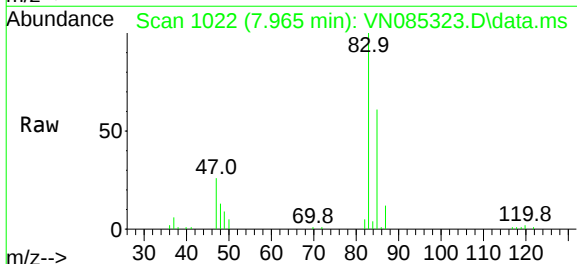
Manual Integrations
APPROVED

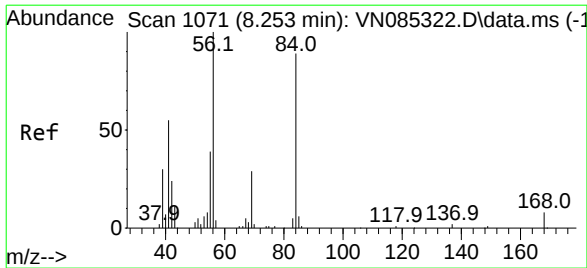
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#30
Chloroform
Concen: 21.061 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

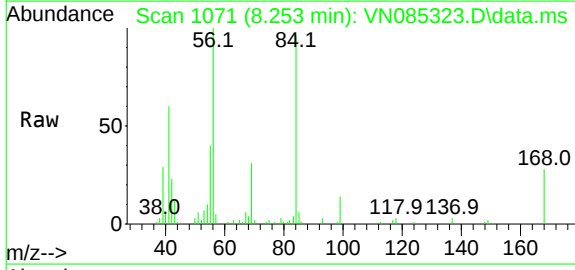
Tgt Ion: 83 Resp: 72892
Ion Ratio Lower Upper
83 100
85 61.3 52.0 78.0





#31
Cyclohexane
Concen: 20.041 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

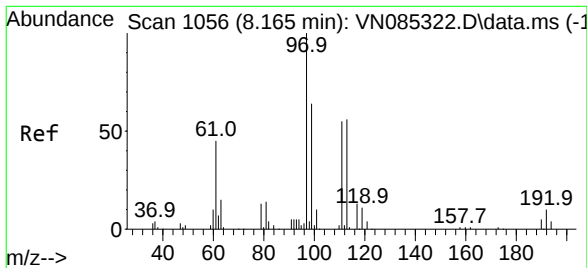
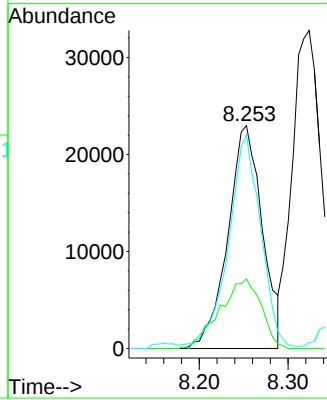
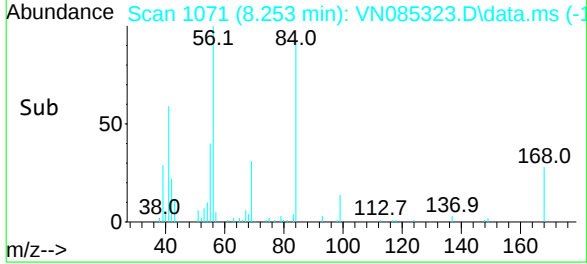
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 61911
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.0
84 94.5 71.0 106.6

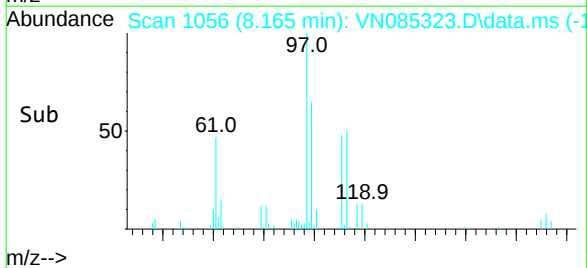
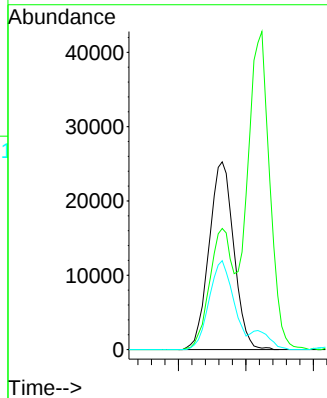
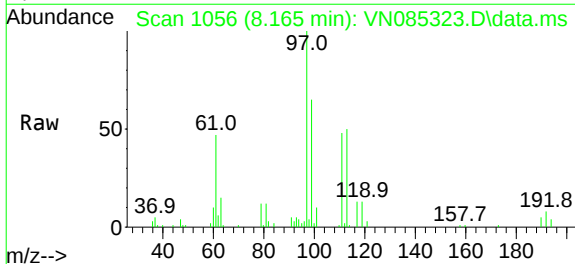
Manual Integrations
APPROVED

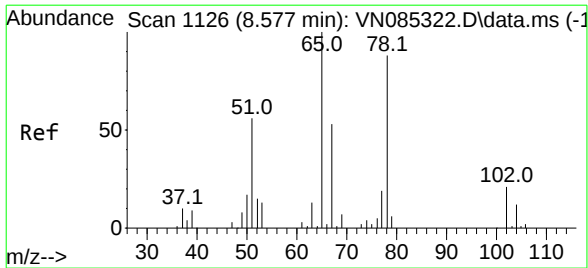
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#32
1,1,1-Trichloroethane
Concen: 20.841 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion: 97 Resp: 64420
Ion Ratio Lower Upper
97 100
99 58.1 53.3 79.9
61 46.6 39.6 59.4





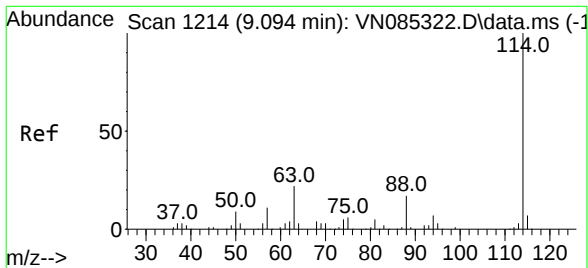
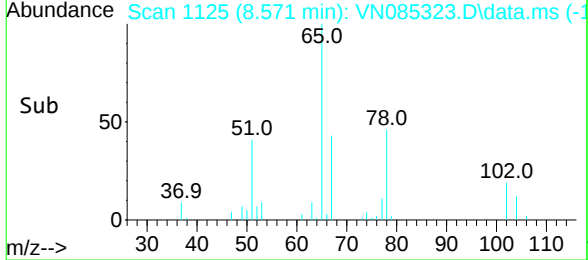
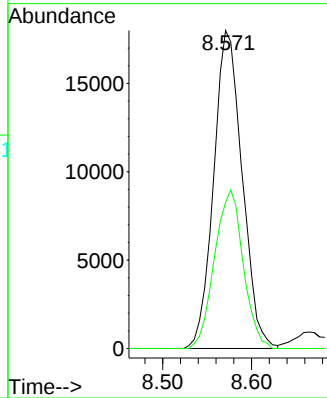
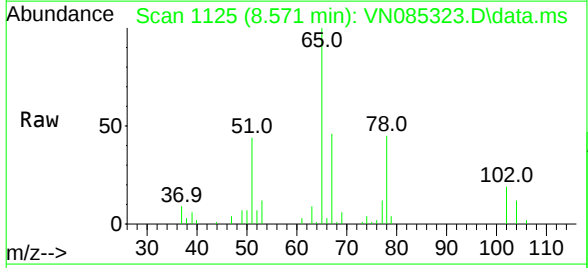
#33
1,2-Dichloroethane-d4
Concen: 19.182 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 40091
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.0

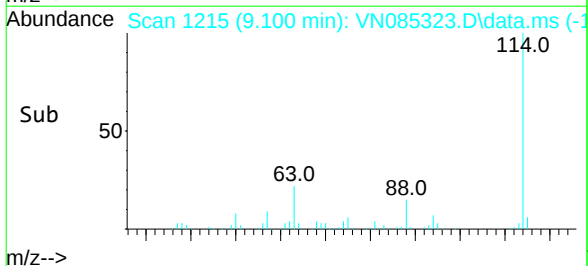
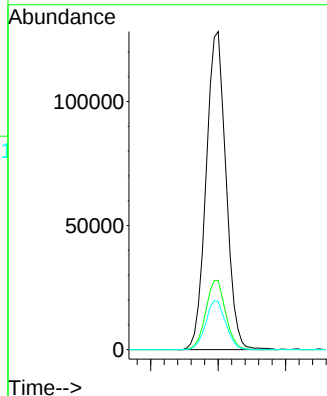
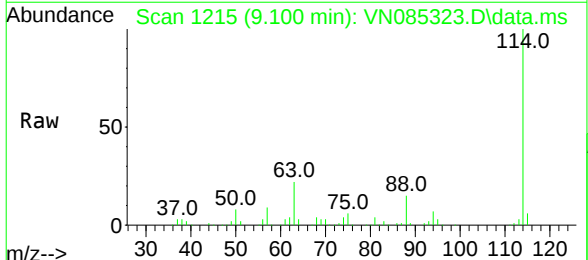
Manual Integrations
APPROVED

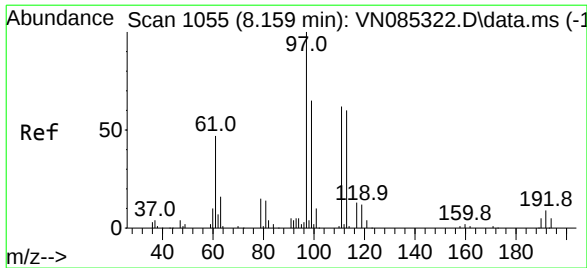
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion:114 Resp: 261564
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.4
88 15.1 0.0 33.6





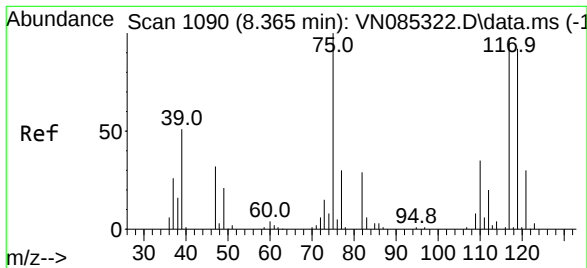
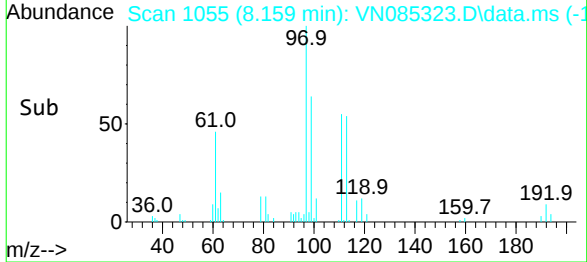
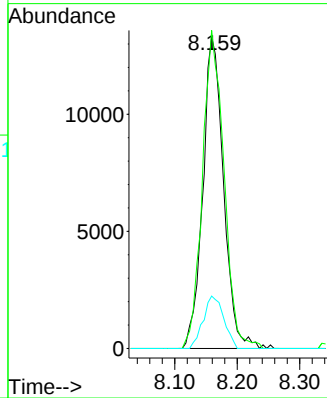
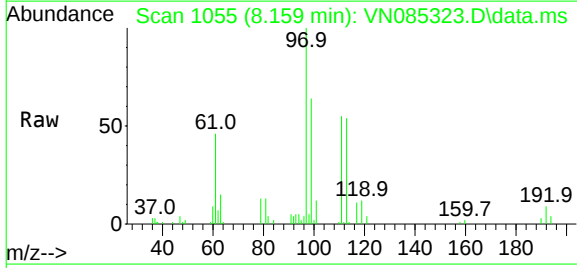
#35
Dibromofluoromethane
Concen: 18.810 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:	113	Resp:	30693
Ion Ratio	Lower	Upper	
113	100		
111	105.6	80.5	120.7
192	16.7	12.9	19.3

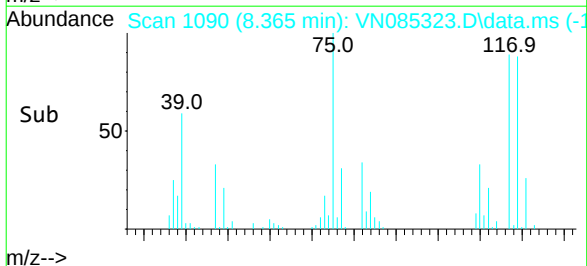
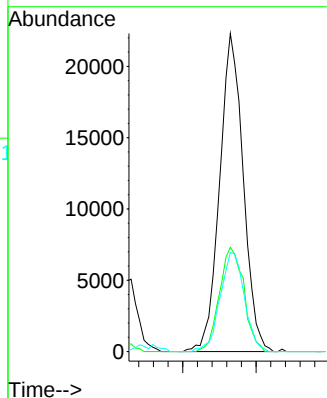
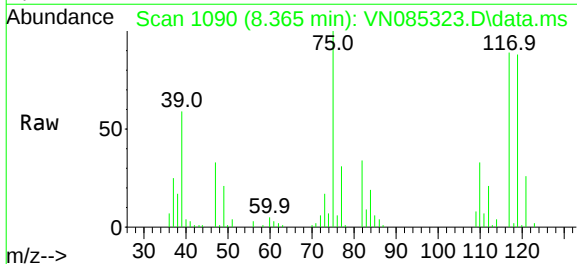
Manual Integrations
APPROVED

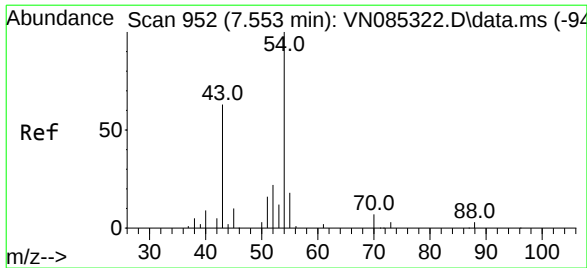
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#36
1,1-Dichloropropene
Concen: 20.861 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion:	75	Resp:	49840
Ion Ratio	Lower	Upper	
75	100		
110	33.8	16.6	49.8
77	32.1	24.3	36.5





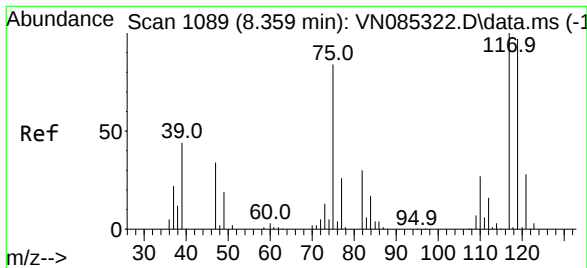
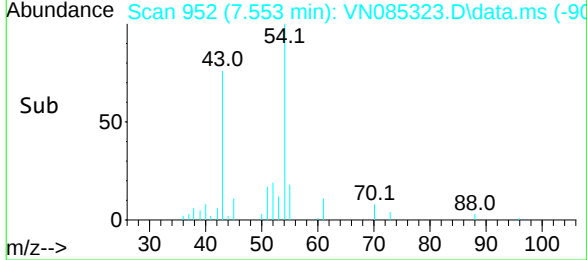
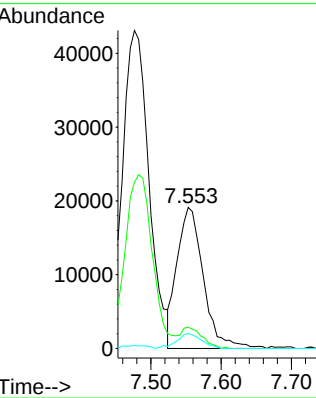
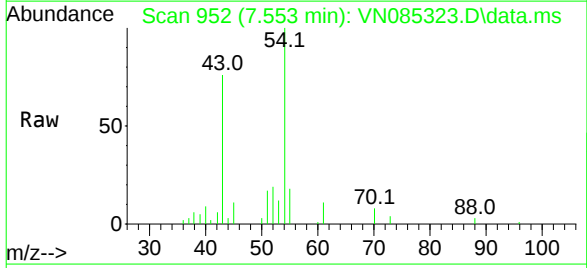
#37
Ethyl Acetate
Concen: 20.937 ug/l
RT: 7.553 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:	43	Resp:	49720
Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.4	15.6
70	10.0	8.2	12.2

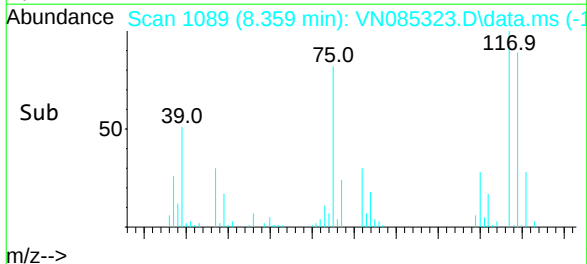
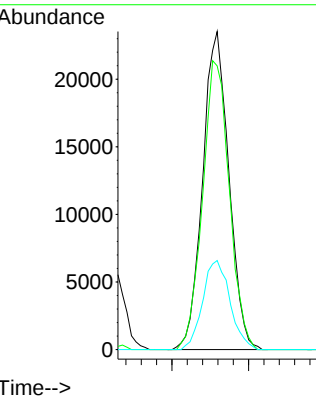
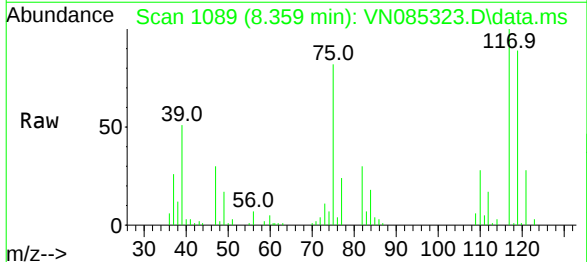
Manual Integrations
APPROVED

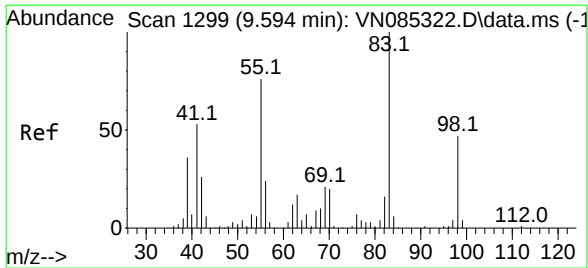
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#38
Carbon Tetrachloride
Concen: 21.445 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

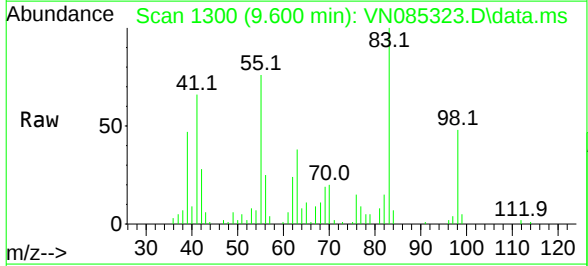
Tgt Ion:	117	Resp:	55847
Ion	Ratio	Lower	Upper
117	100		
119	89.2	77.8	116.6
121	28.0	22.5	33.7





#39
Methylcyclohexane
Concen: 21.633 ug/l
RT: 9.600 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

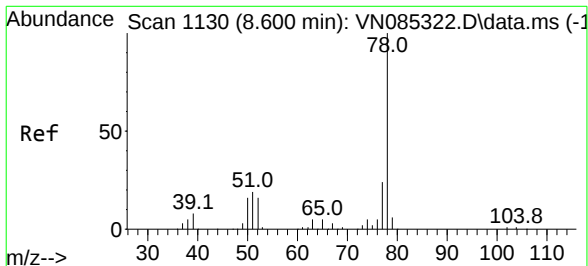
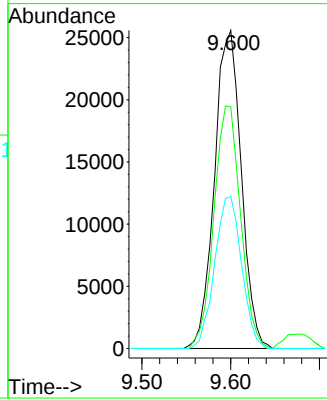
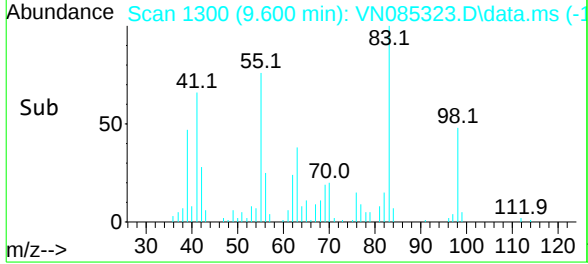
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 53626
Ion Ratio Lower Upper
83 100
55 76.0 60.7 91.1
98 47.8 37.7 56.5

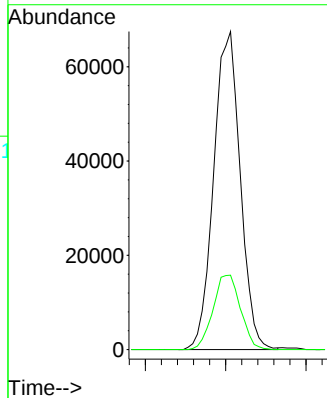
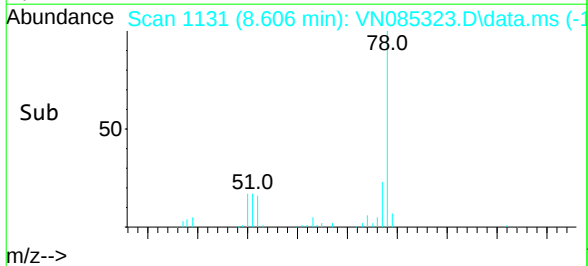
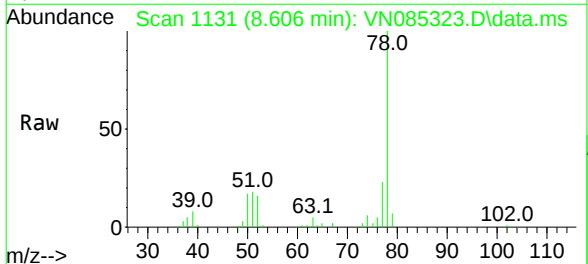
Manual Integrations
APPROVED

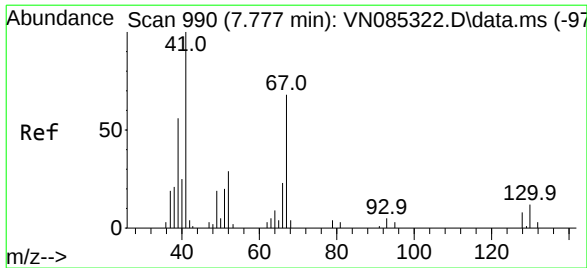
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#40
Benzene
Concen: 21.450 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion: 78 Resp: 154946
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





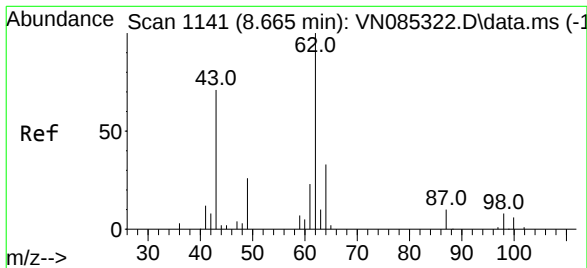
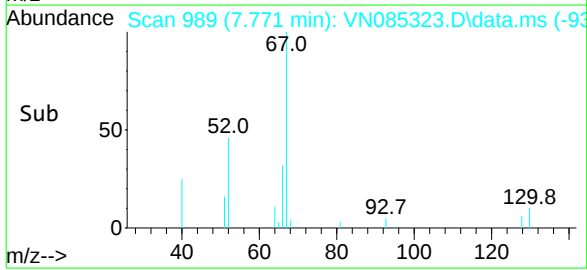
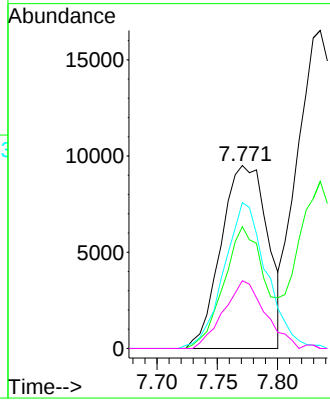
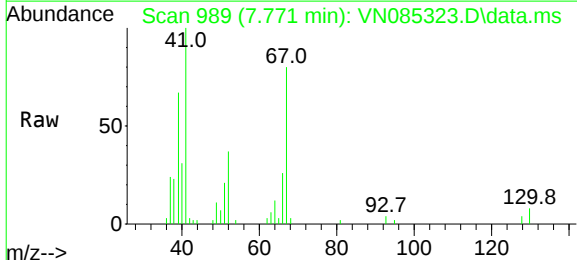
#41
Methacrylonitrile
Concen: 21.079 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:	41	Resp:	25636
Ion	Ratio	Lower	Upper
41	100		
39	58.5	45.8	68.8
67	72.8	57.1	85.7
52	33.5	25.1	37.7

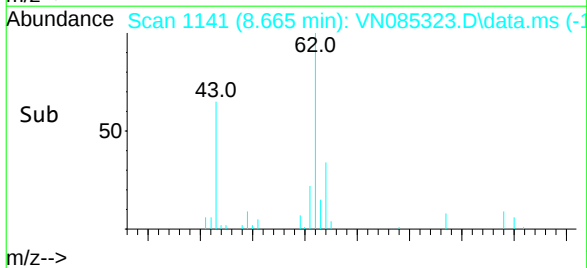
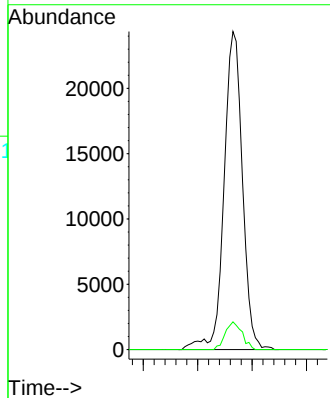
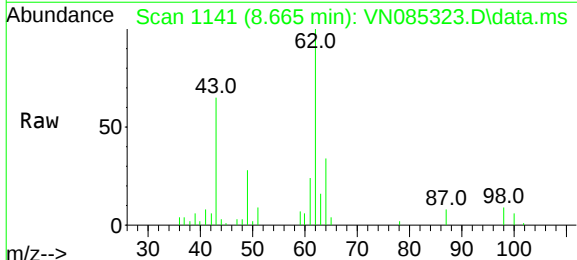
Manual Integrations
APPROVED

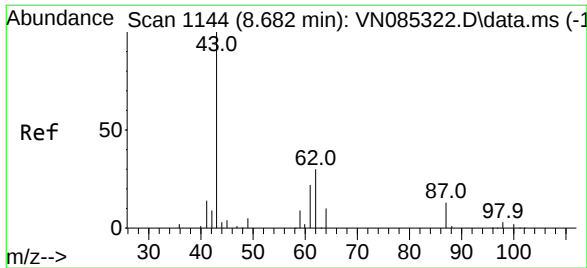
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#42
1,2-Dichloroethane
Concen: 22.046 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion:	62	Resp:	57096
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.6





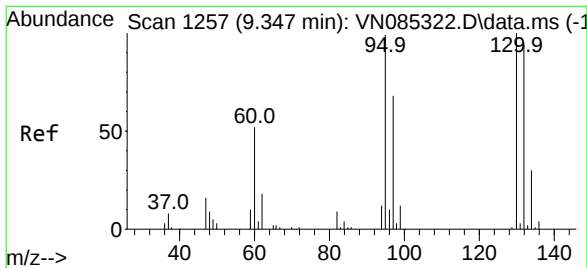
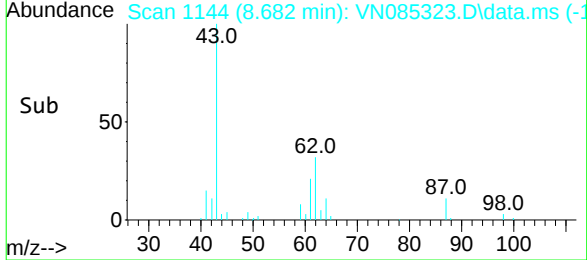
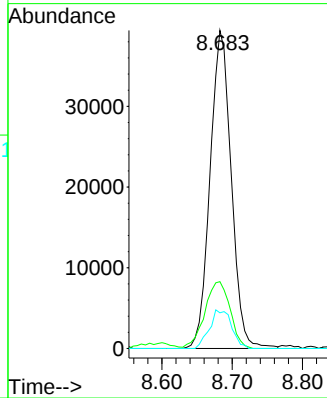
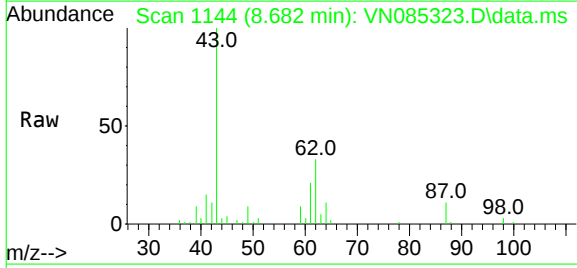
#43
Isopropyl Acetate
Concen: 21.117 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 82576
Ion Ratio Lower Upper
43 100
61 25.1 20.8 31.2
87 12.6 10.2 15.4

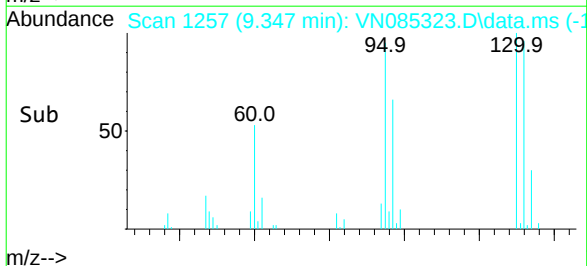
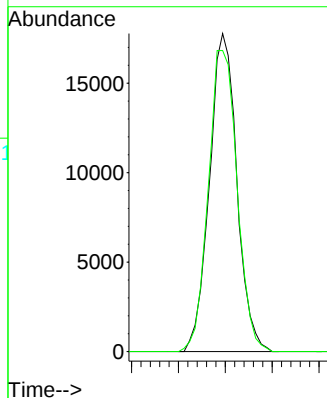
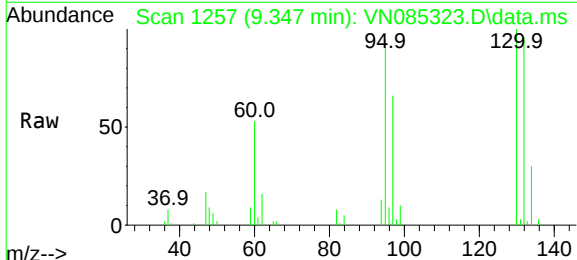
Manual Integrations
APPROVED

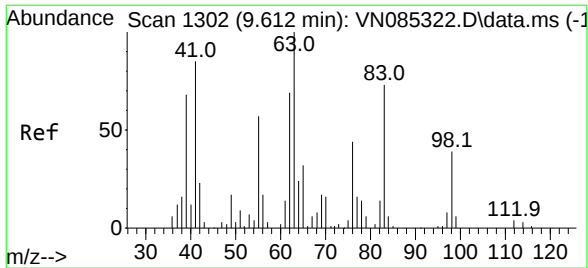
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#44
Trichloroethene
Concen: 21.104 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion:130 Resp: 36092
Ion Ratio Lower Upper
130 100
95 94.6 0.0 197.8





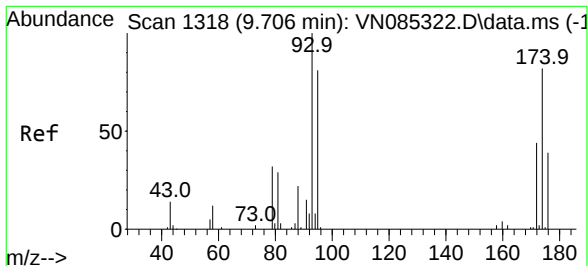
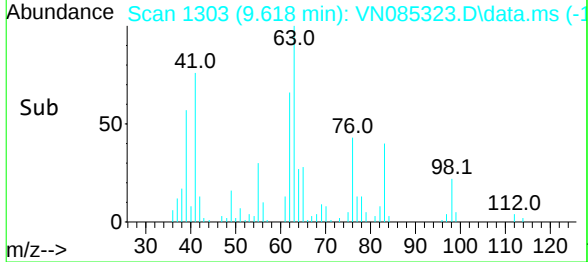
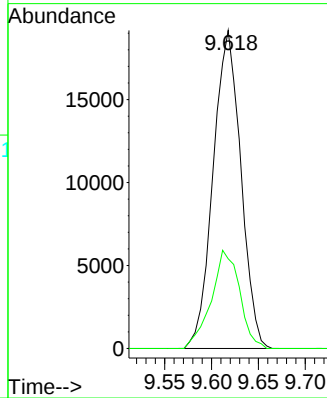
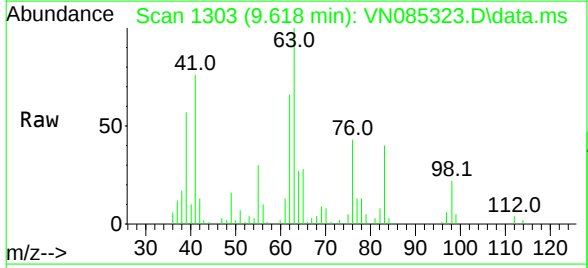
#45
1,2-Dichloropropane
Concen: 21.486 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 63 Resp: 39400
Ion Ratio Lower Upper
63 100
65 28.2 25.5 38.3

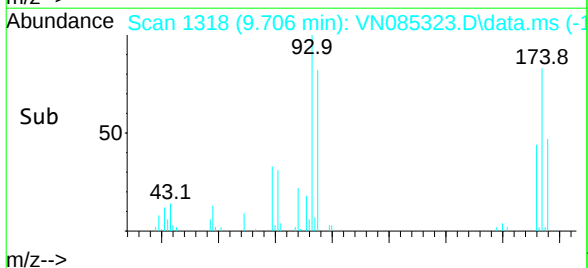
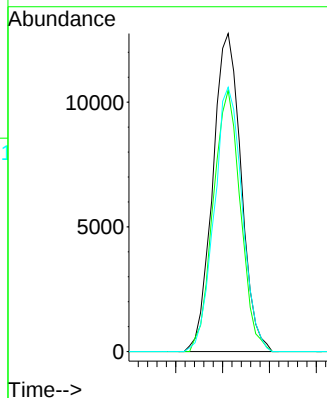
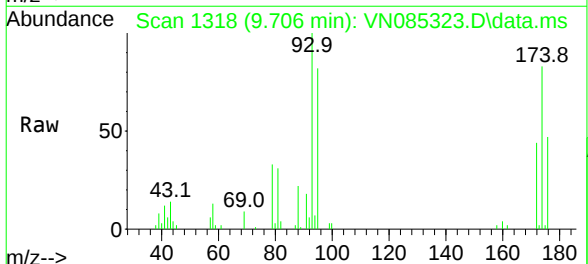
Manual Integrations
APPROVED

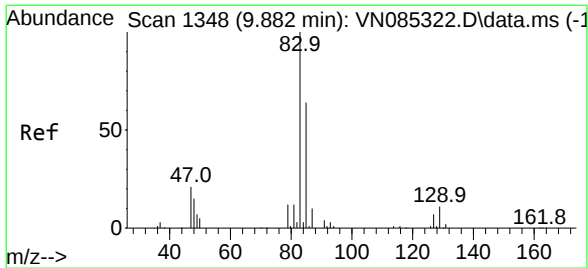
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#46
Dibromomethane
Concen: 21.000 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion: 93 Resp: 26782
Ion Ratio Lower Upper
93 100
95 79.1 65.3 97.9
174 82.0 66.4 99.6





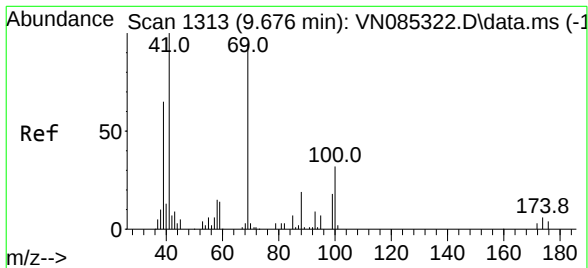
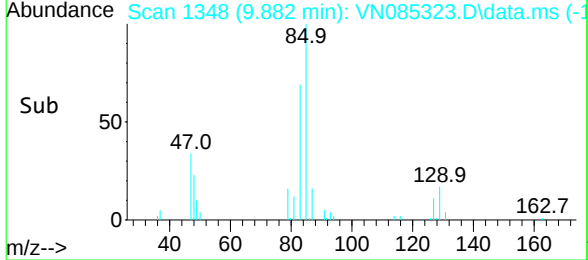
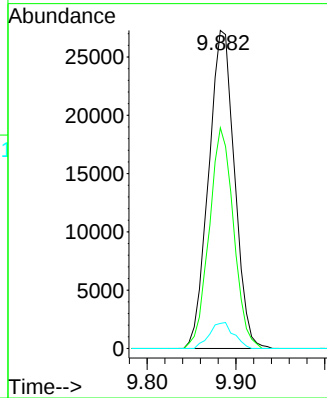
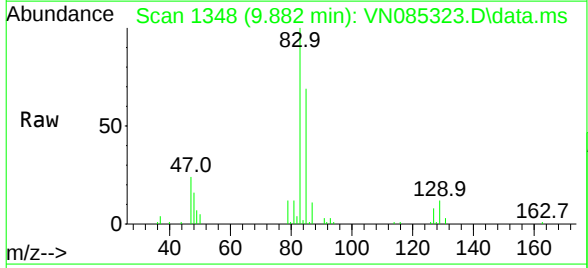
#47
Bromodichloromethane
Concen: 20.894 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:	83	Resp:	55383
Ion	Ratio	Lower	Upper
83	100		
85	69.4	51.0	76.4
127	7.9	5.8	8.6

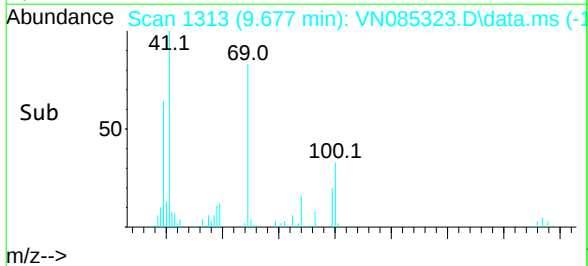
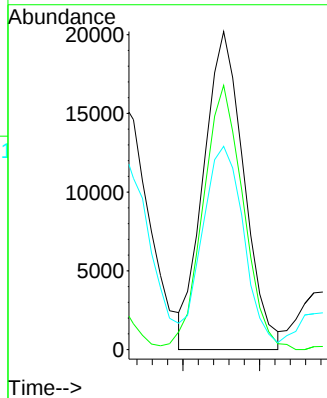
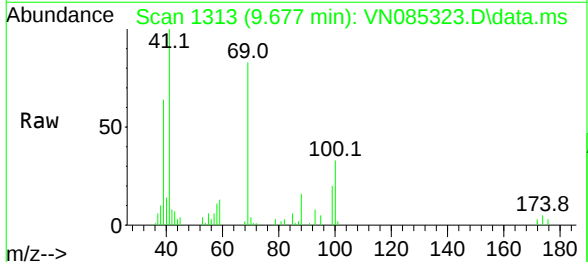
Manual Integrations
APPROVED

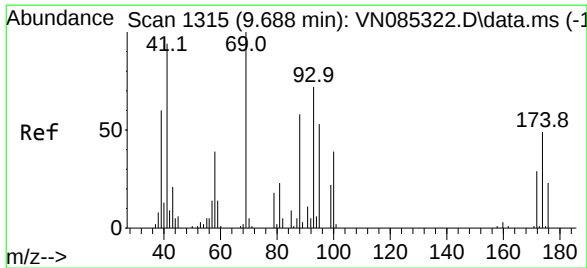
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#48
Methyl methacrylate
Concen: 21.744 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

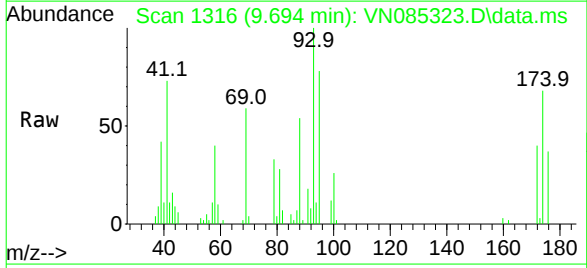
Tgt Ion:	41	Resp:	36893
Ion	Ratio	Lower	Upper
41	100		
69	82.6	67.7	101.5
39	66.0	51.2	76.8





#49
1,4-Dioxane
Concen: 461.104 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

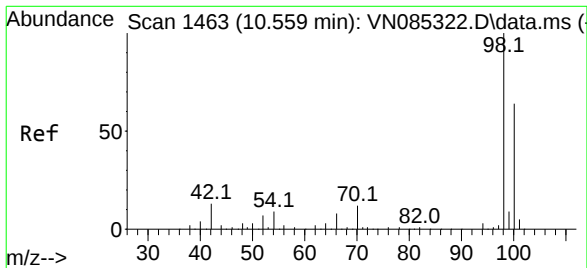
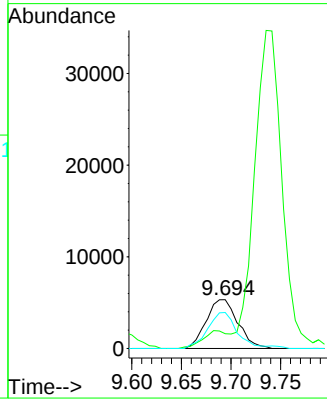
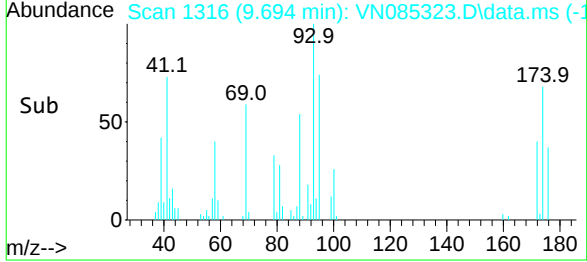
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 11804
Ion Ratio Lower Upper
88 100
43 31.0 22.1 33.1
58 70.4 56.7 85.1

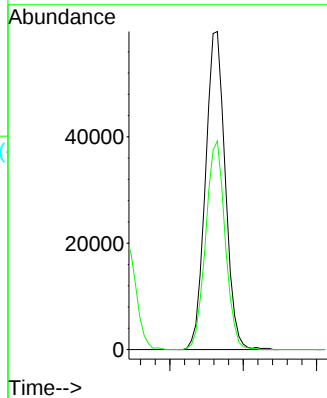
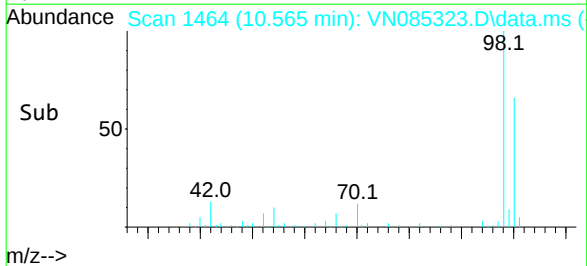
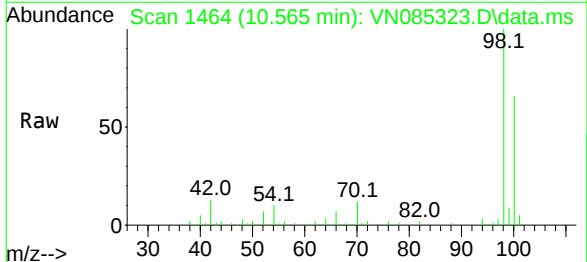
Manual Integrations
APPROVED

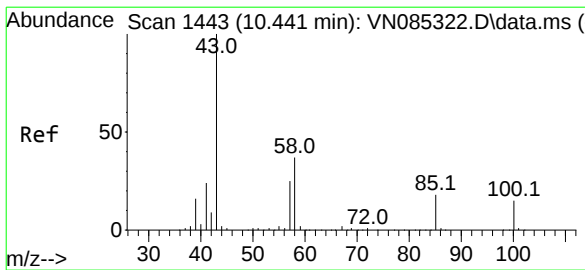
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#50
Toluene-d8
Concen: 18.702 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion: 98 Resp: 111985
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3





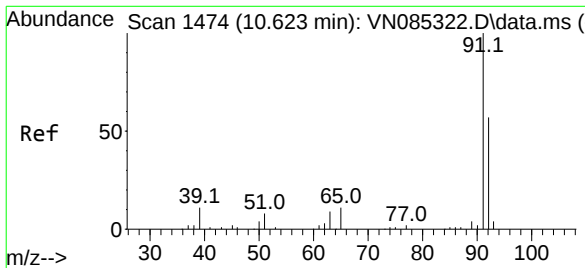
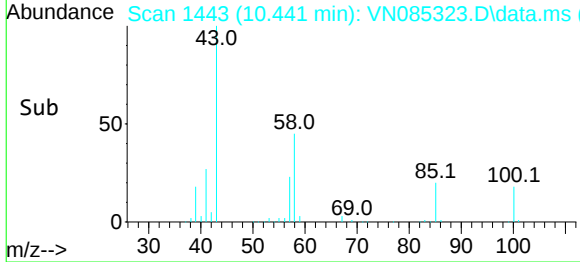
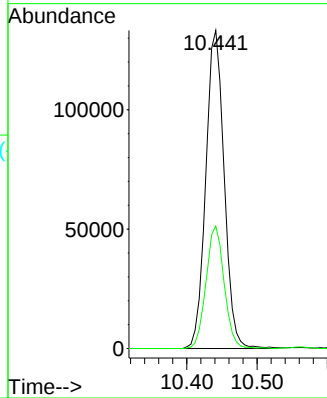
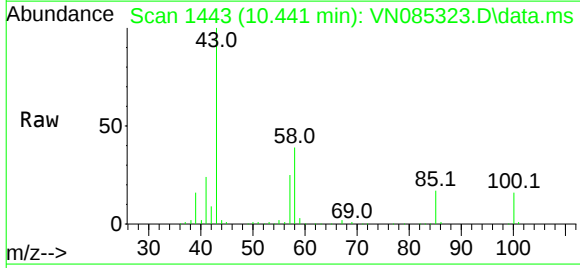
#51
4-Methyl-2-Pentanone
Concen: 110.019 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 241756
Ion Ratio Lower Upper
43 100
58 38.1 30.3 45.5

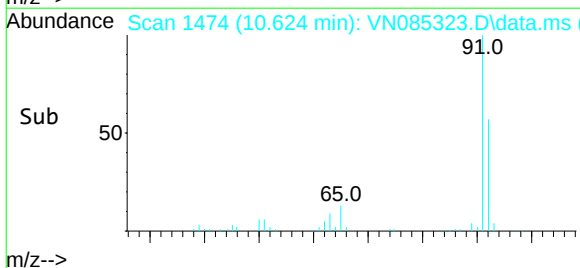
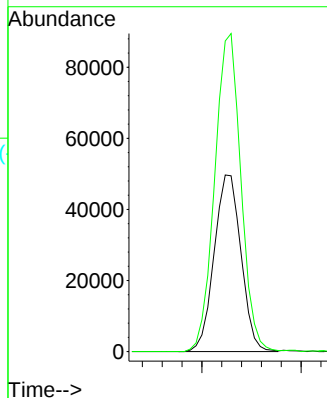
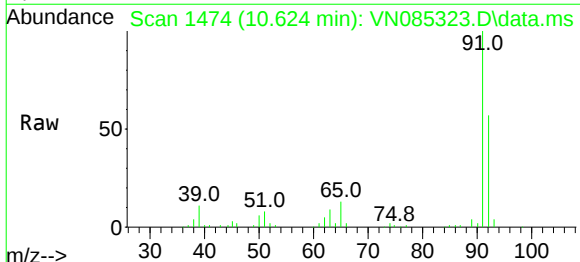
Manual Integrations
APPROVED

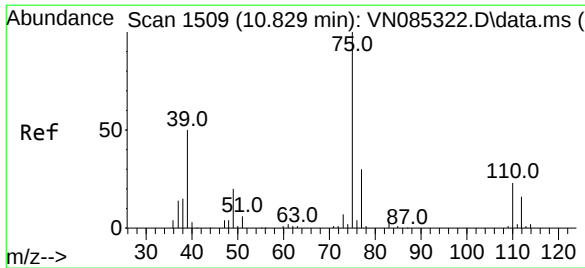
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#52
Toluene
Concen: 21.702 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

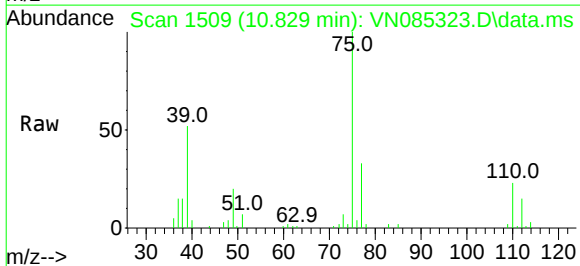
Tgt Ion: 92 Resp: 93343
Ion Ratio Lower Upper
92 100
91 175.8 140.2 210.4





#53
 t-1,3-Dichloropropene
 Concen: 21.132 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: VN085323.D
 Acq: 27 Dec 2024 11:13

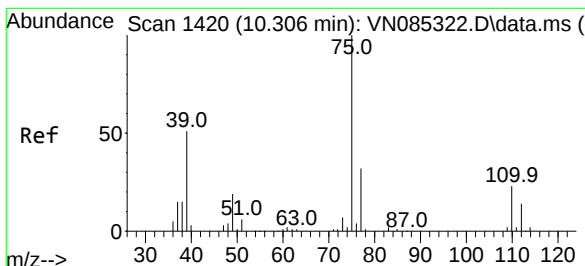
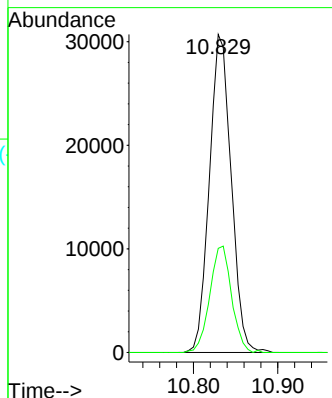
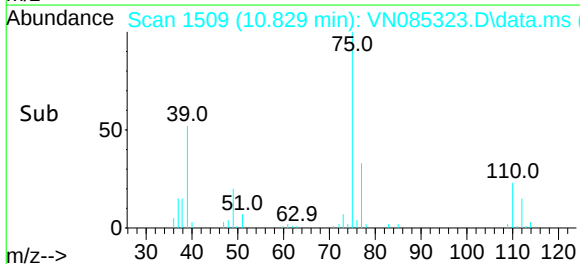
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



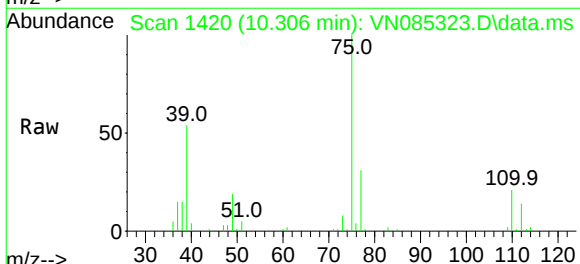
Tgt Ion: 75 Resp: 55084
 Ion Ratio Lower Upper
 75 100
 77 32.7 23.8 35.6

Manual Integrations
 APPROVED

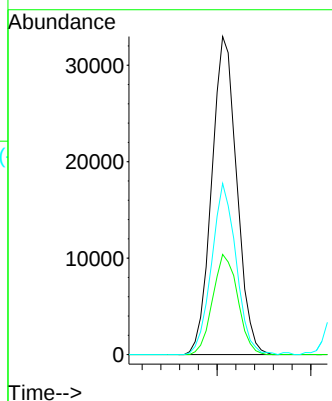
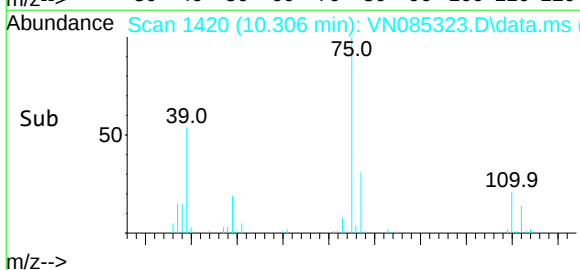
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024

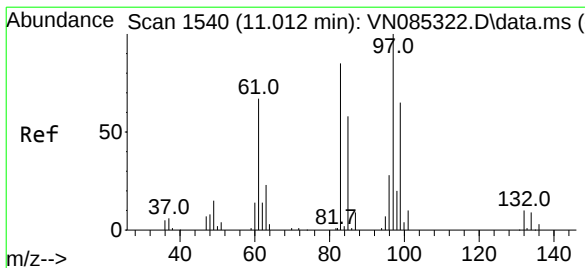


#54
 cis-1,3-Dichloropropene
 Concen: 21.718 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN085323.D
 Acq: 27 Dec 2024 11:13



Tgt Ion: 75 Resp: 61217
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3
 39 53.8 40.5 60.7





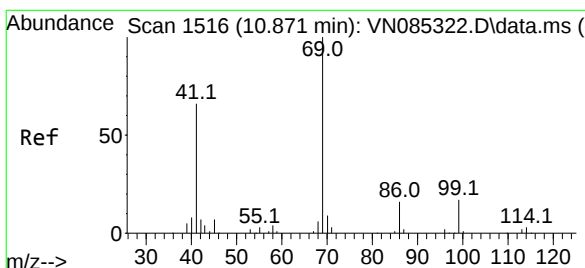
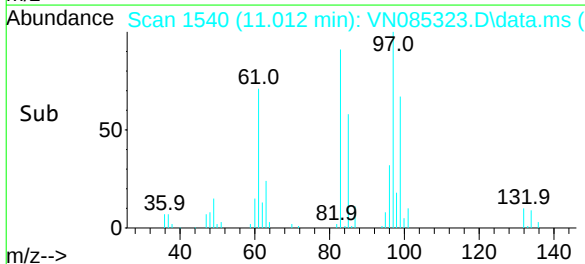
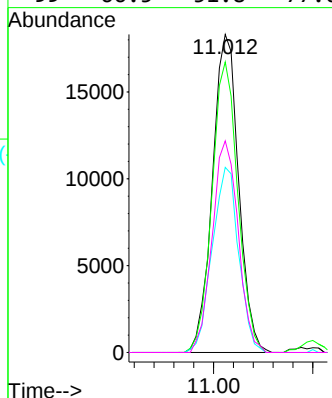
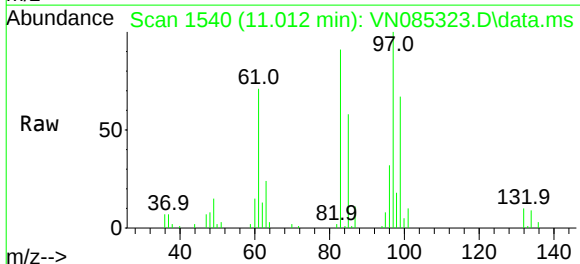
#55
1,1,2-Trichloroethane
Concen: 20.604 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:	97	Resp:	33459
Ion	Ratio	Lower	Upper
97	100		
83	91.3	67.7	101.5
85	58.2	46.2	69.4
99	66.5	51.8	77.6

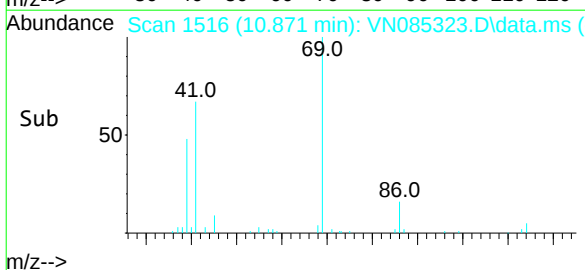
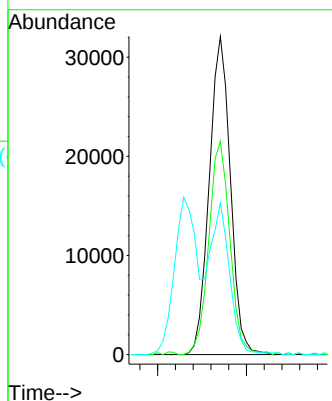
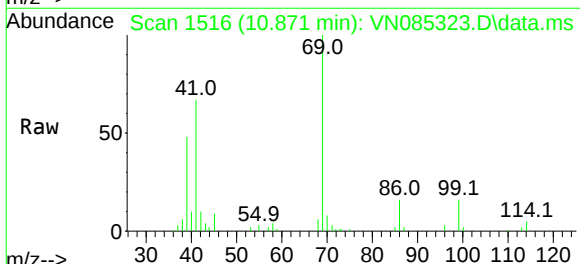
Manual Integrations
APPROVED

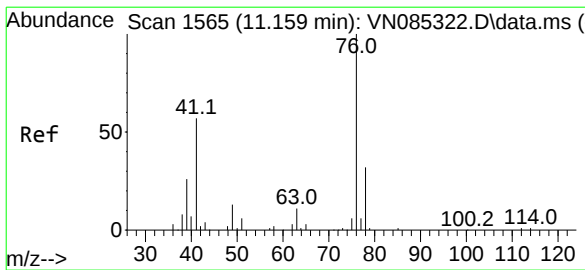
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#56
Ethyl methacrylate
Concen: 22.458 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion:	69	Resp:	53114
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.3	81.5
39	42.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 21.643 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 61684

Ion Ratio Lower Upper

76 100

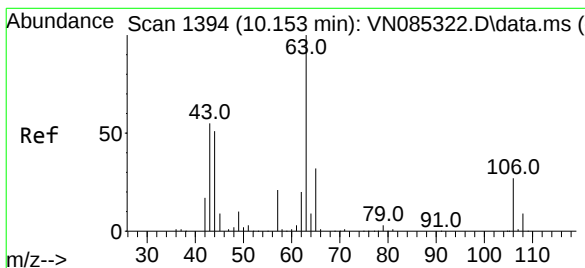
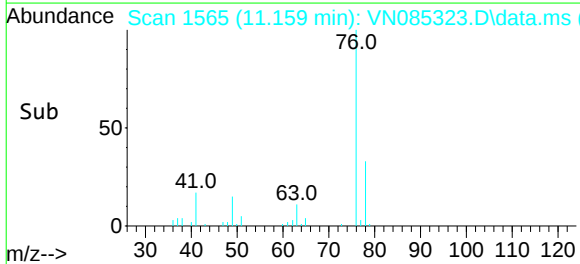
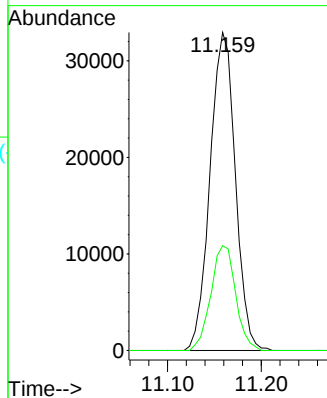
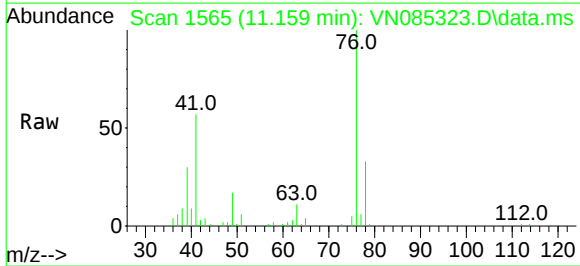
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#58

2-Chloroethyl Vinyl ether

Concen: 103.539 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VN085323.D

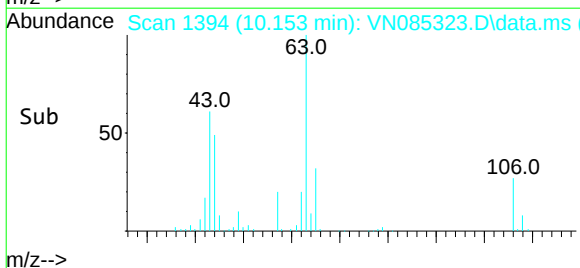
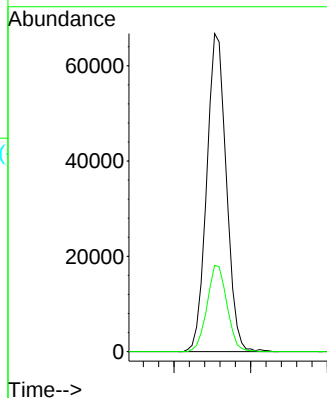
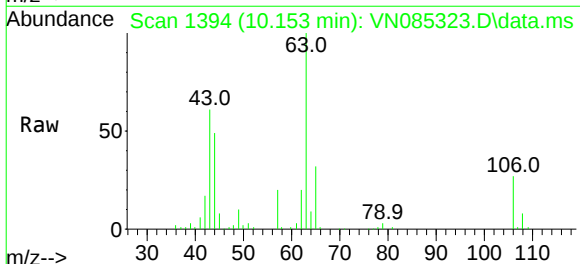
Acq: 27 Dec 2024 11:13

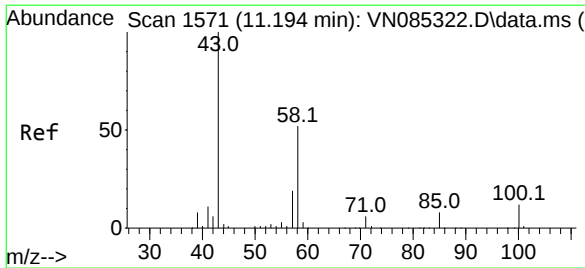
Tgt Ion: 63 Resp: 118474

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1





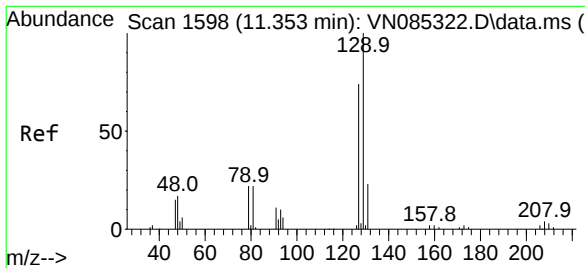
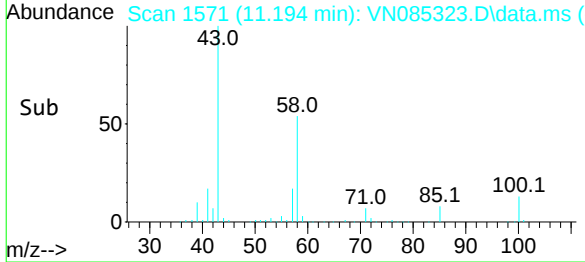
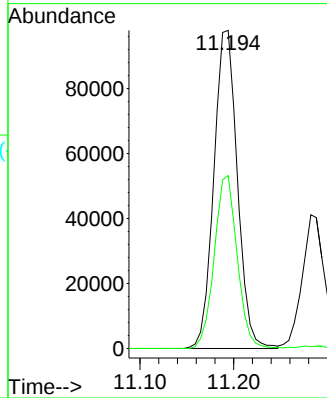
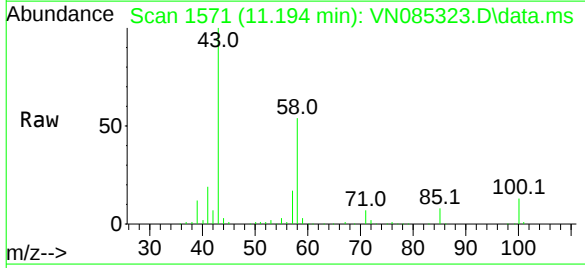
#59
2-Hexanone
Concen: 112.081 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 170875
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.5

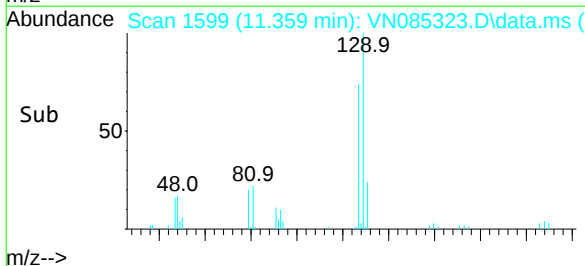
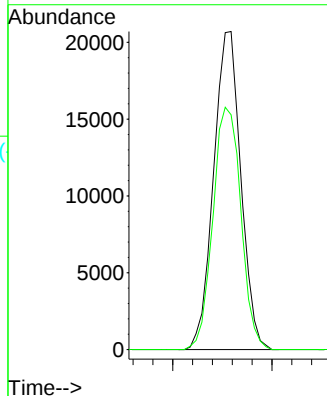
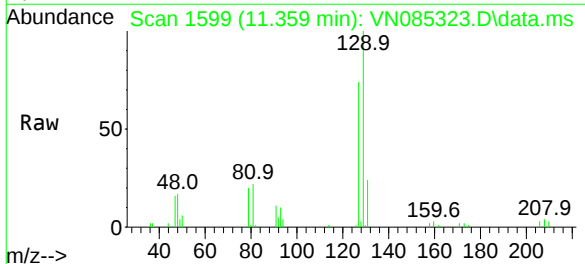
Manual Integrations
APPROVED

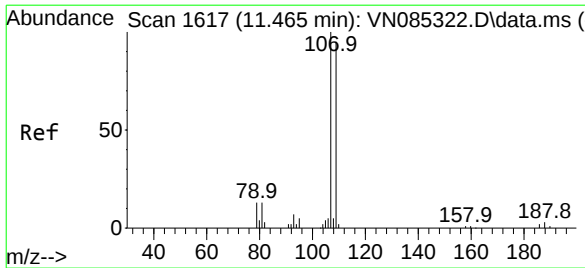
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#60
Dibromochloromethane
Concen: 21.617 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion:129 Resp: 39538
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.9





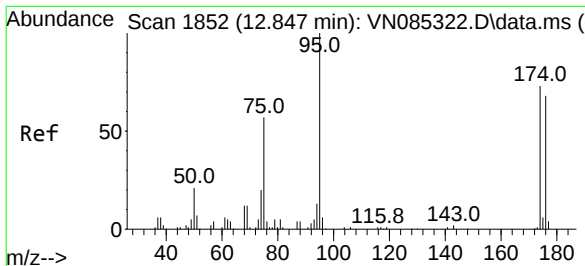
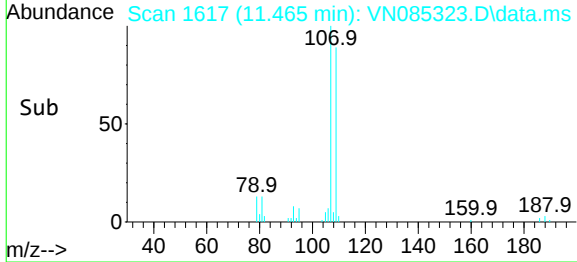
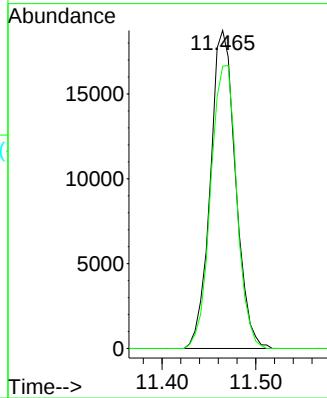
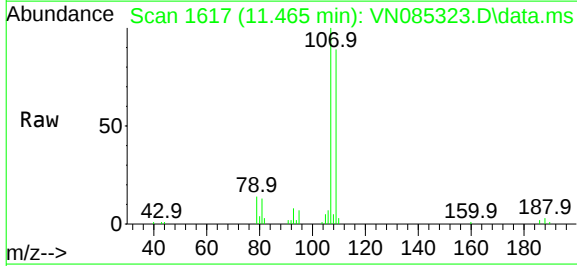
#61
1,2-Dibromoethane
Concen: 21.807 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 107 Resp: 35034
Ion Ratio Lower Upper
107 100
109 91.4 74.9 112.3

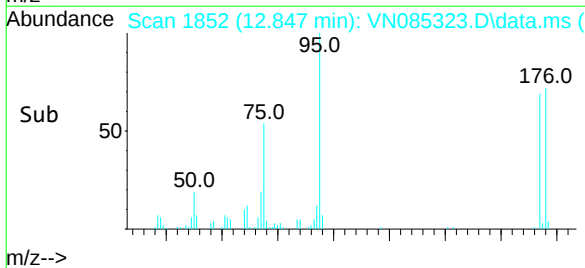
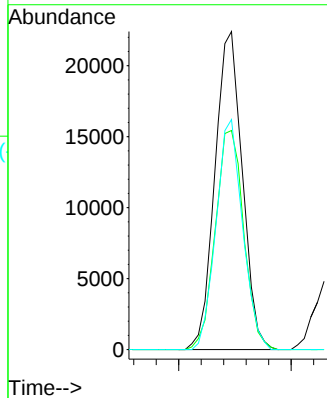
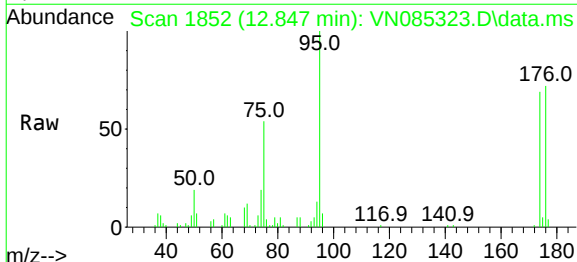
Manual Integrations
APPROVED

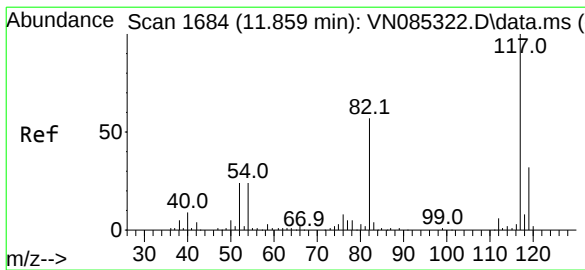
Reviewed By : John Carlone 12/30/2024
Supervised By : Mahesh Dadoda 12/30/2024



#62
4-Bromofluorobenzene
Concen: 19.067 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion: 95 Resp: 37918
Ion Ratio Lower Upper
95 100
174 71.4 0.0 143.2
176 70.1 0.0 135.8





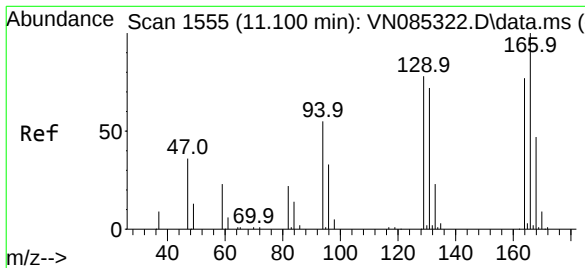
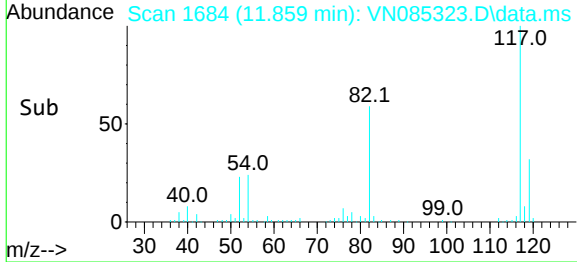
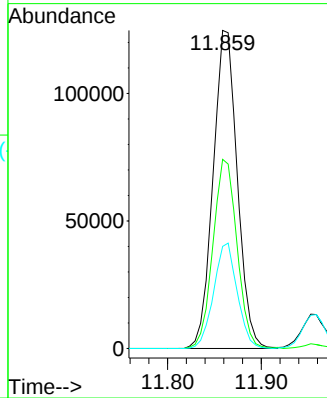
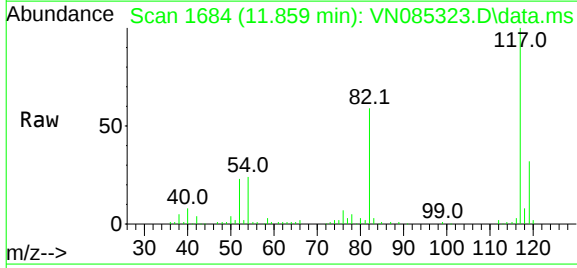
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:	117	Resp:	224166
Ion Ratio	Lower	Upper	
117	100		
82	59.5	45.7	68.5
119	32.1	25.8	38.8

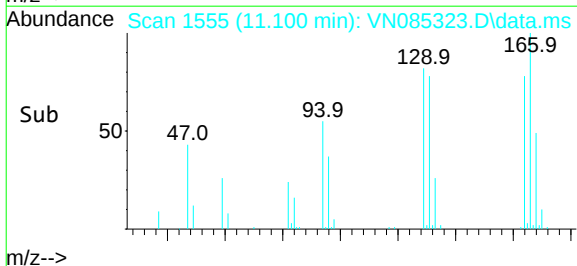
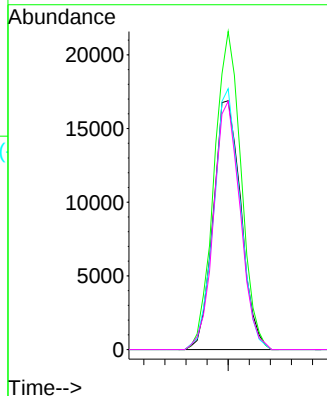
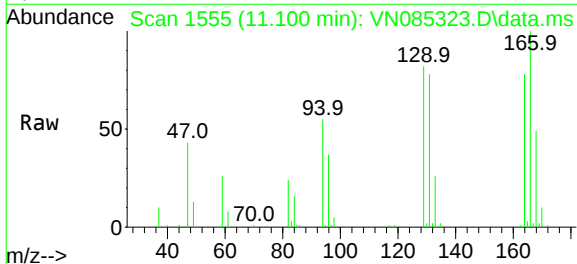
Manual Integrations
APPROVED

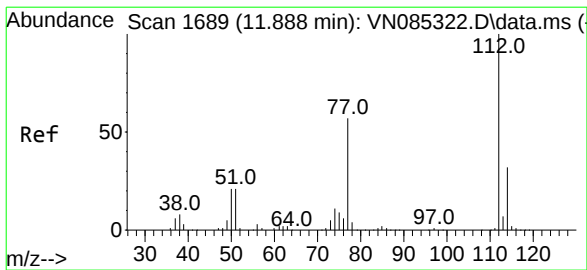
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#64
Tetrachloroethene
Concen: 21.718 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion:	164	Resp:	30849
Ion Ratio	Lower	Upper	
164	100		
166	127.8	104.0	156.0
129	104.8	81.3	121.9
131	99.8	75.0	112.6





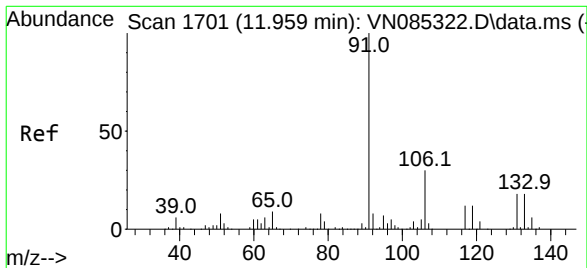
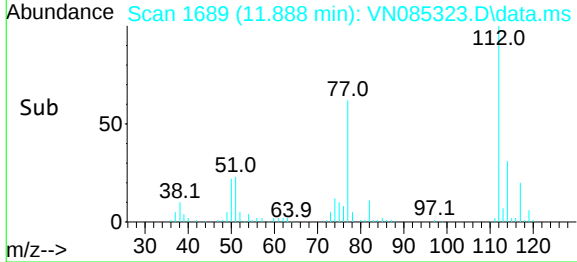
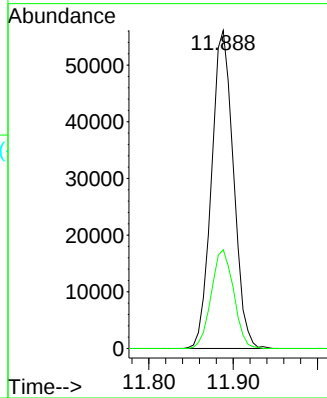
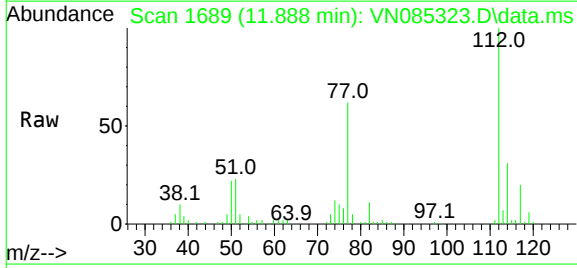
#65
Chlorobenzene
Concen: 20.938 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 101427
Ion Ratio Lower Upper
112 100
114 31.1 25.2 37.8

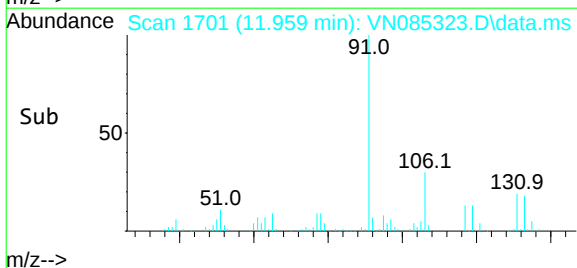
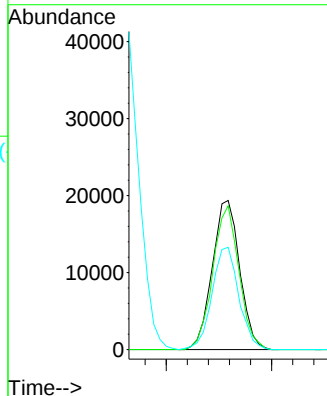
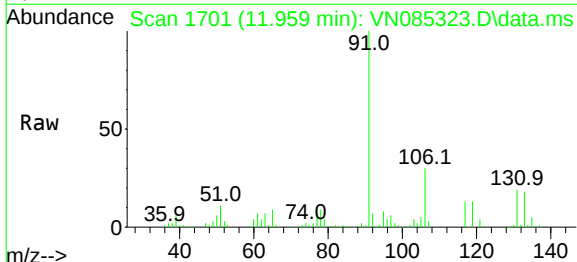
Manual Integrations
APPROVED

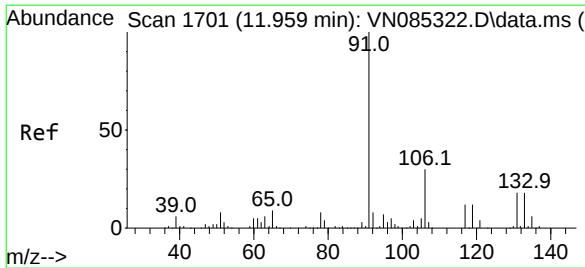
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.546 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion:131 Resp: 35030
Ion Ratio Lower Upper
131 100
133 91.8 48.3 144.9
119 67.1 33.4 100.1





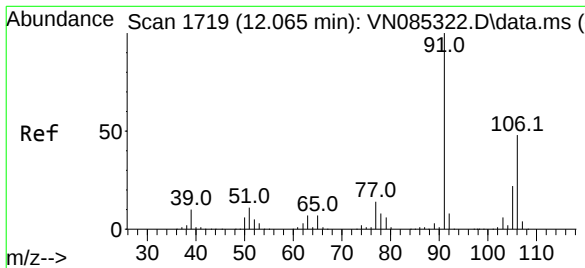
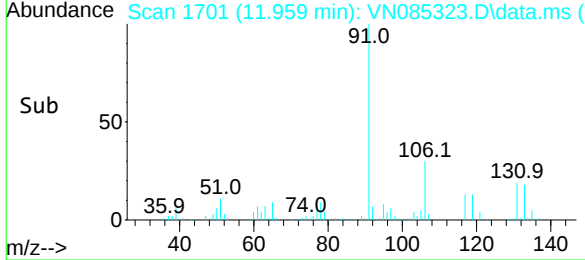
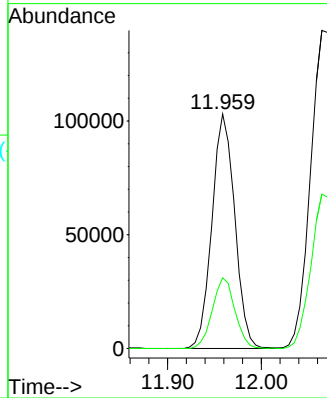
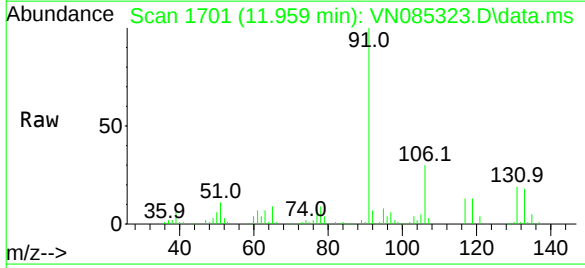
#67
Ethyl Benzene
Concen: 21.640 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 174337
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0

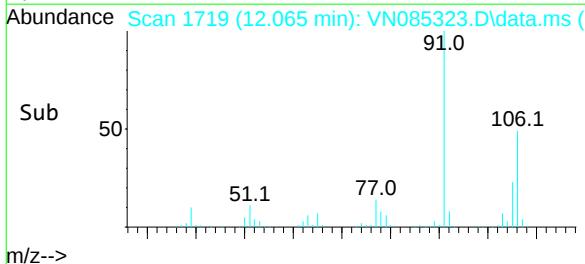
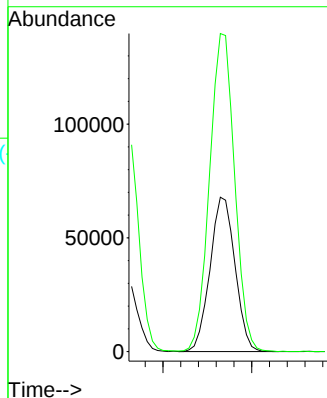
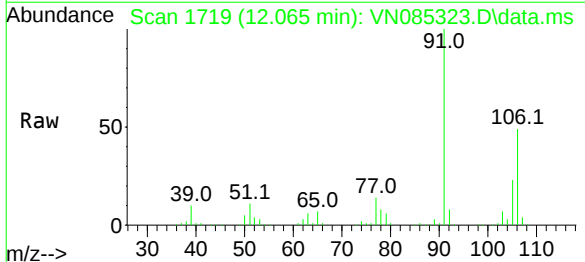
Manual Integrations
APPROVED

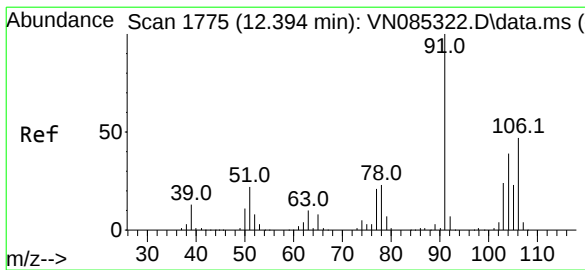
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#68
m/p-Xylenes
Concen: 44.993 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion:106 Resp: 132648
Ion Ratio Lower Upper
106 100
91 206.5 165.2 247.8





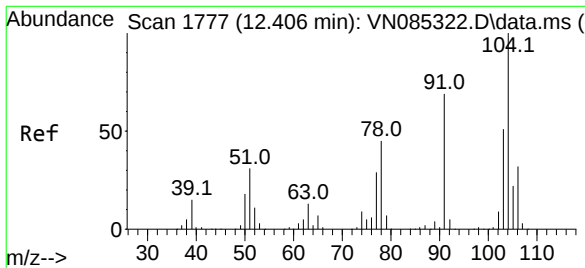
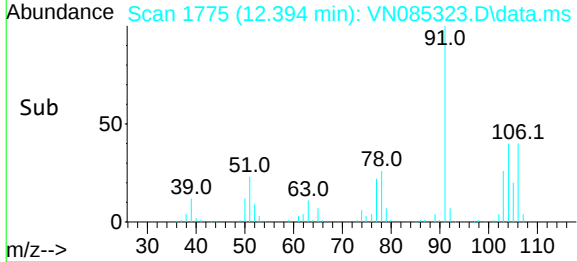
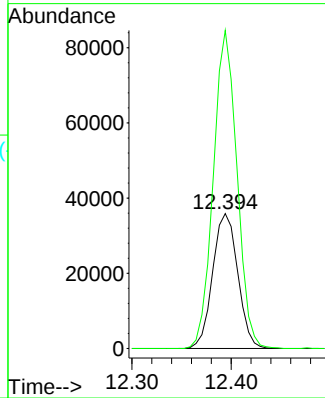
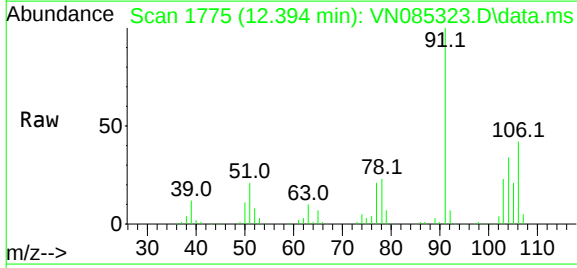
#69
o-Xylene
Concen: 22.091 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 63003
Ion Ratio Lower Upper
106 100
91 222.2 107.3 321.8

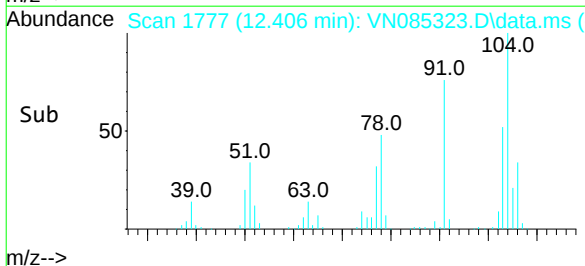
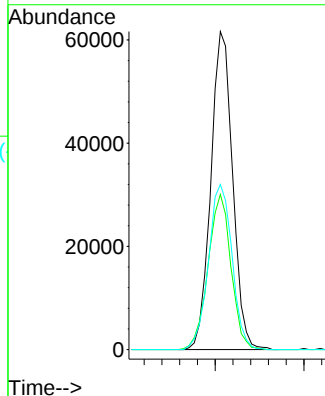
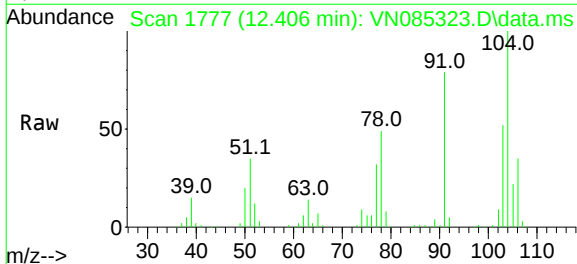
Manual Integrations
APPROVED

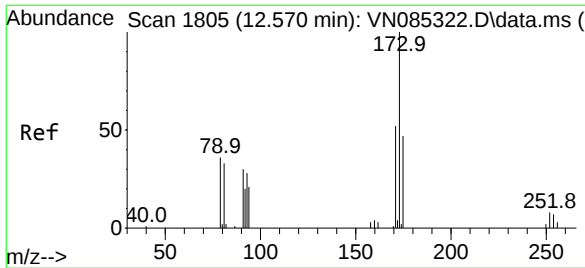
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#70
Styrene
Concen: 22.728 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion:104 Resp: 105054
Ion Ratio Lower Upper
104 100
78 51.2 40.7 61.1
103 56.2 44.1 66.1





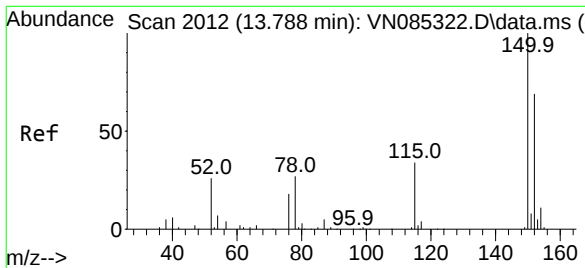
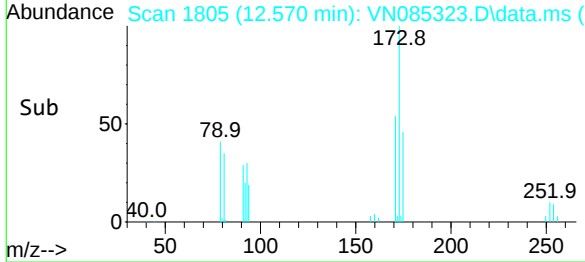
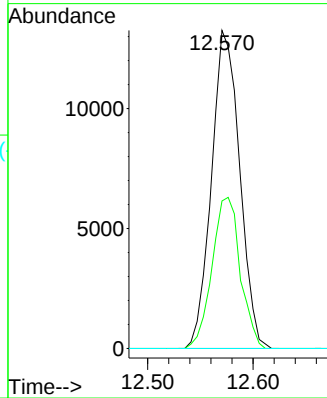
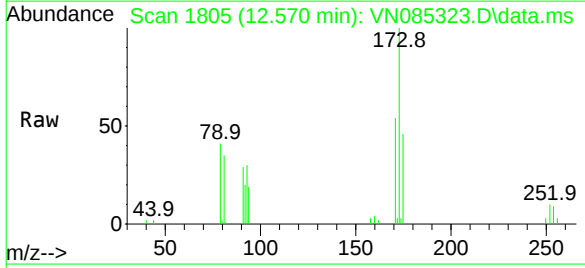
#71
Bromoform
Concen: 21.885 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.4	73.4
254	0.0	0.0	0.0

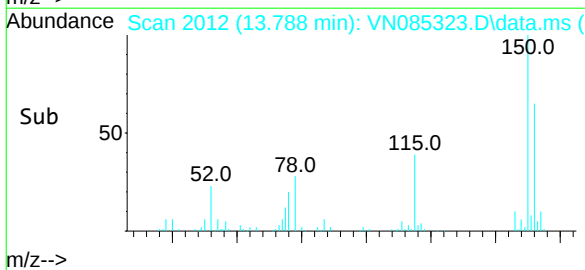
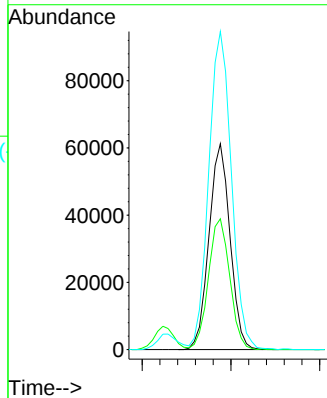
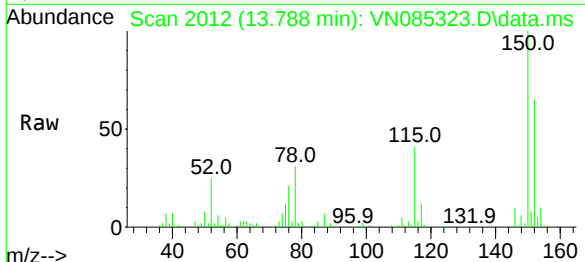
Manual Integrations
APPROVED

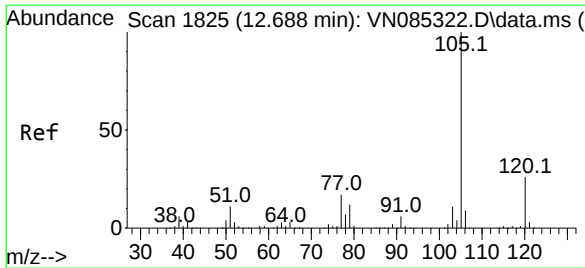
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.4	30.4	91.3
150	166.0	0.0	345.0





#73

Isopropylbenzene

Concen: 22.153 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 105 Resp: 160752

Ion Ratio Lower Upper

105 100

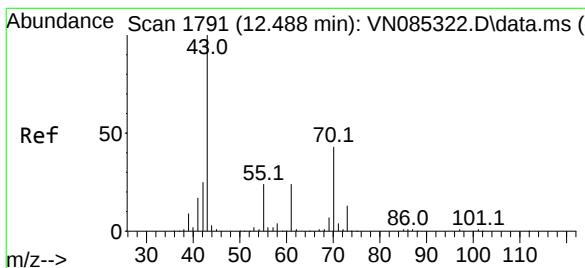
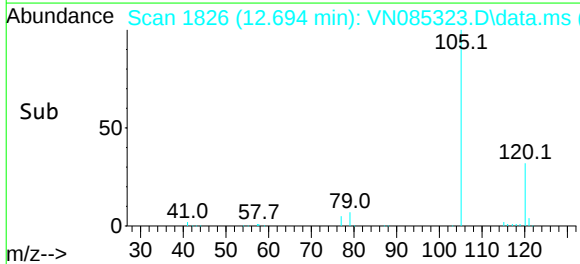
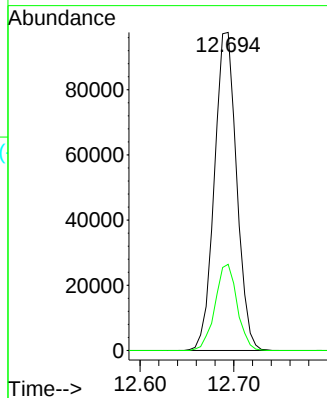
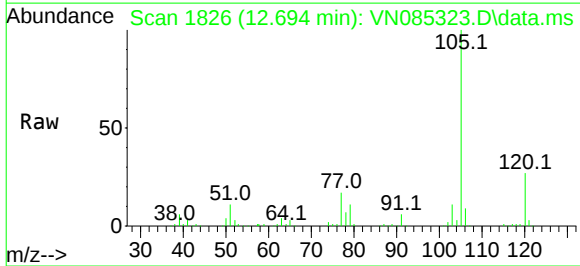
120 26.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#74

N-ethyl acetate

Concen: 22.517 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Tgt Ion: 43 Resp: 69938

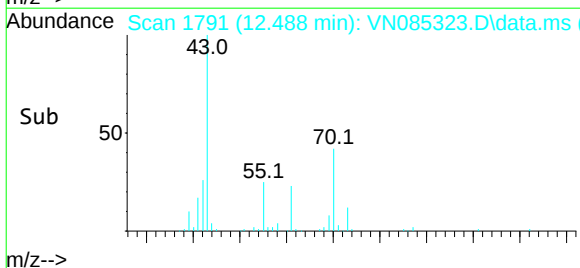
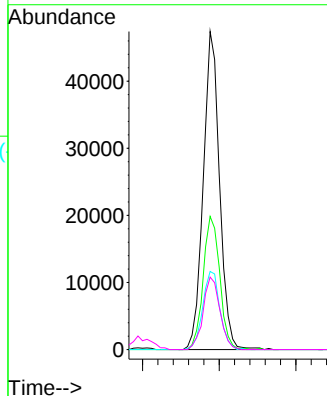
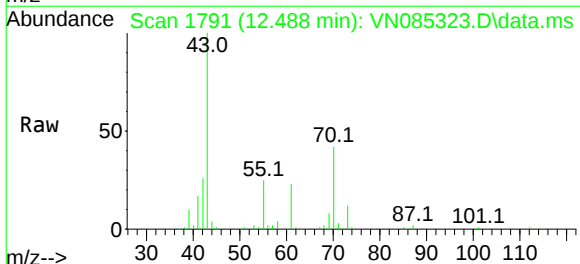
Ion Ratio Lower Upper

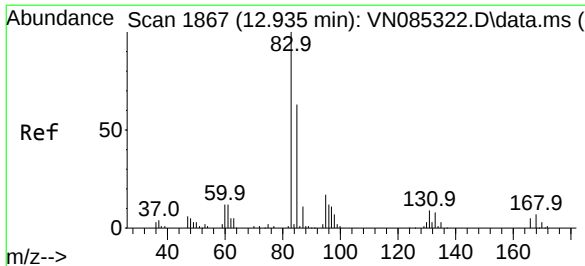
43 100

70 42.6 33.4 50.0

55 25.9 19.2 28.8

61 23.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.897 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

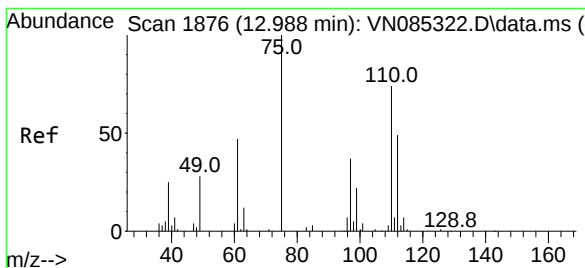
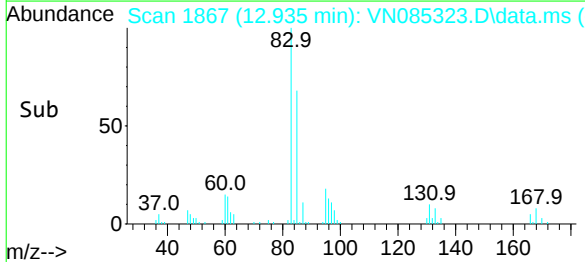
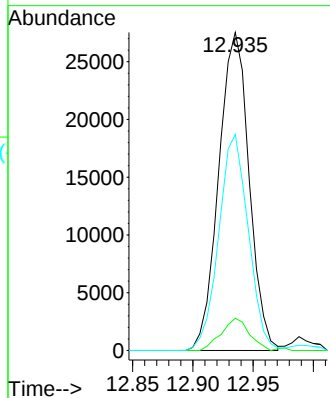
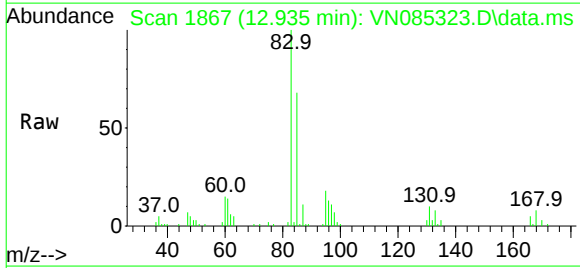
Tgt Ion:	83	Resp:	48294
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.4
85	66.2	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#76

1,2,3-Trichloropropane

Concen: 19.654 ug/l m

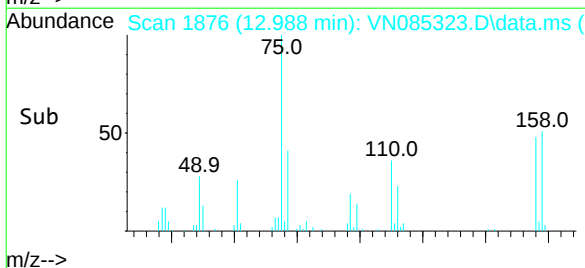
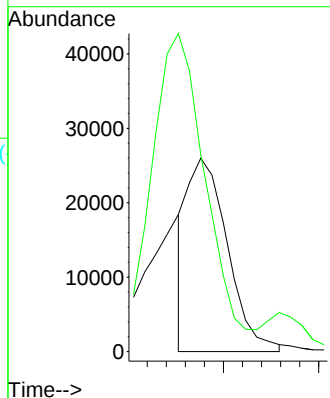
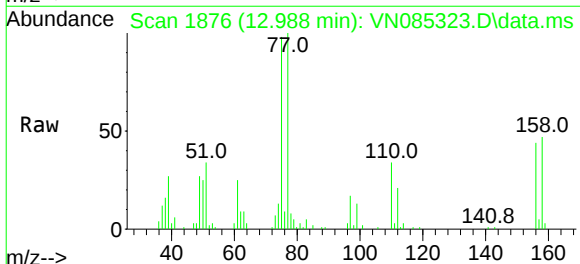
RT: 12.988 min Scan# 1876

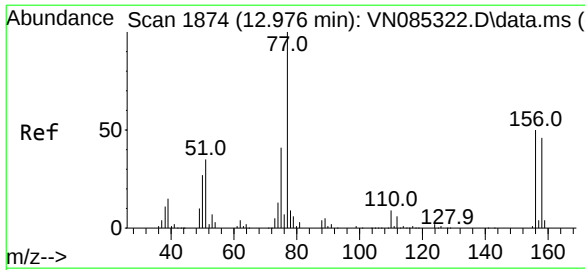
Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

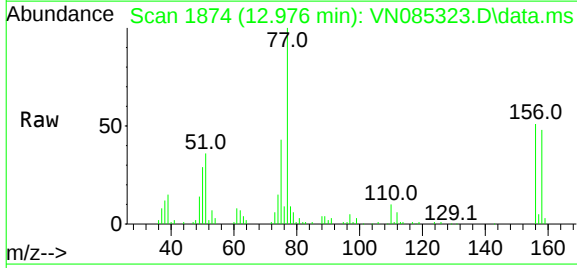
Tgt Ion:	75	Resp:	38100
Ion	Ratio	Lower	Upper
75	100		
77	226.6	98.1	294.3





#77
Bromobenzene
Concen: 20.623 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

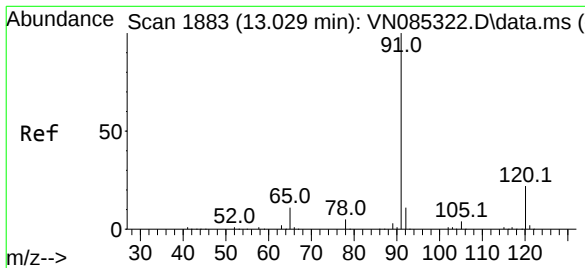
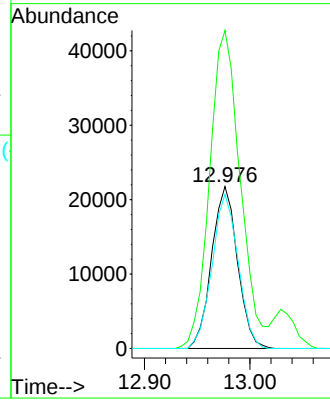
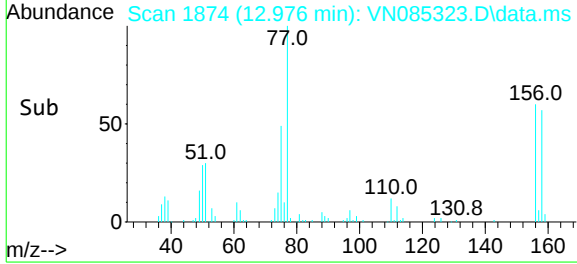
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 156 Resp: 37077
Ion Ratio Lower Upper
156 100
77 232.8 114.0 342.0
158 96.3 47.6 142.8

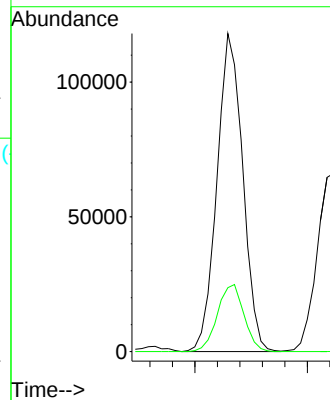
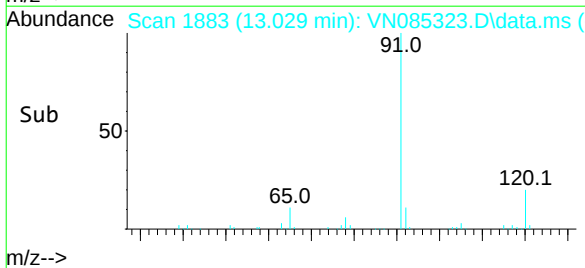
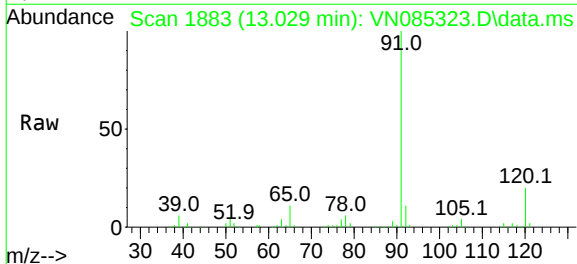
Manual Integrations
APPROVED

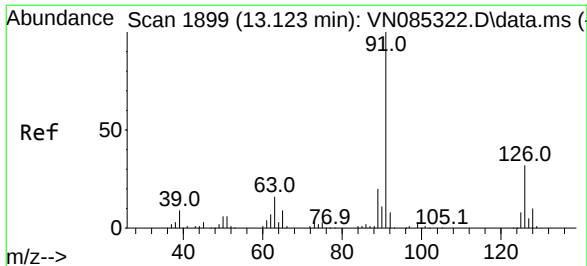
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#78
n-propylbenzene
Concen: 22.243 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion: 91 Resp: 188143
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





#79

2-Chlorotoluene

Concen: 22.010 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 117169

Ion Ratio Lower Upper

91 100

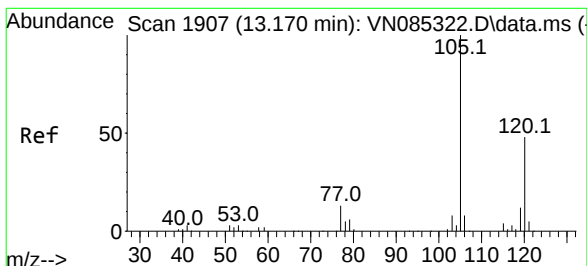
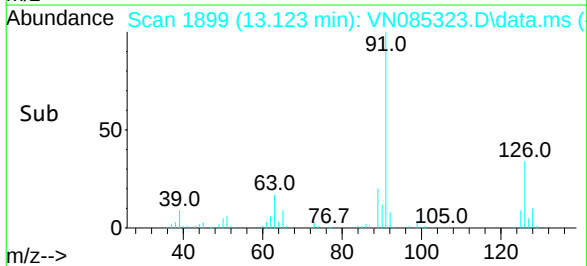
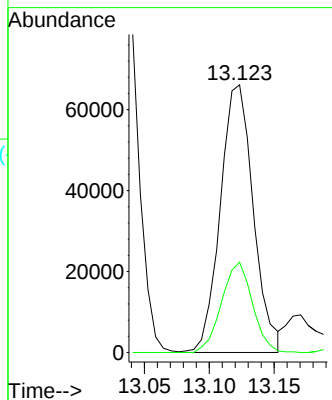
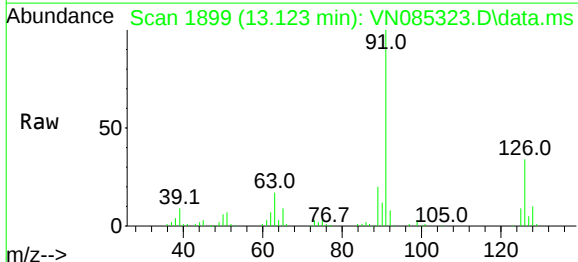
126 31.5 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#80

1,3,5-Trimethylbenzene

Concen: 22.582 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085323.D

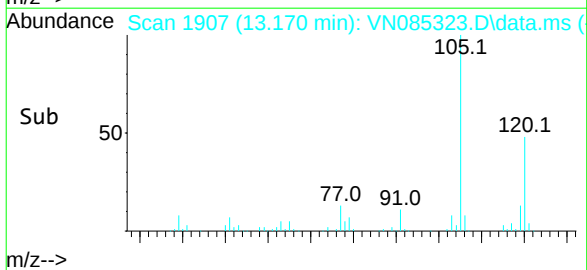
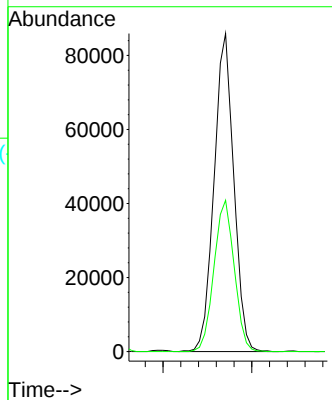
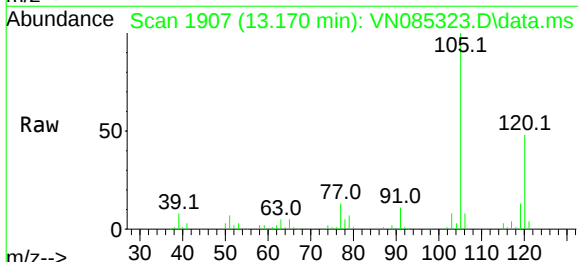
Acq: 27 Dec 2024 11:13

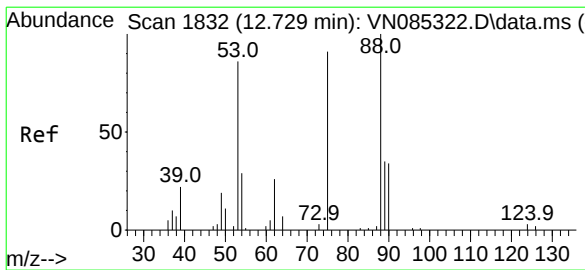
Tgt Ion:105 Resp: 132546

Ion Ratio Lower Upper

105 100

120 48.9 24.0 72.0





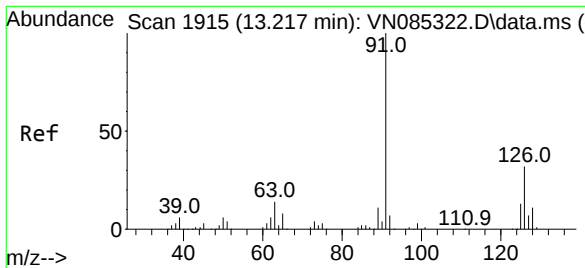
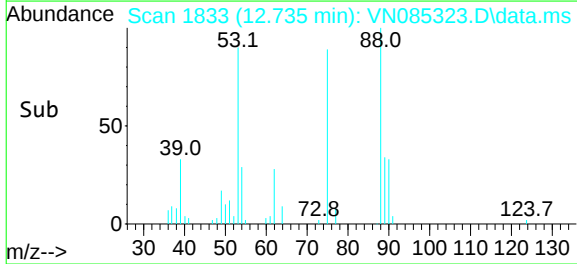
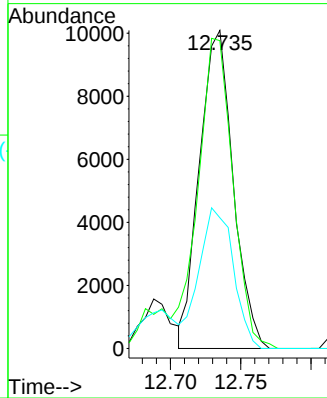
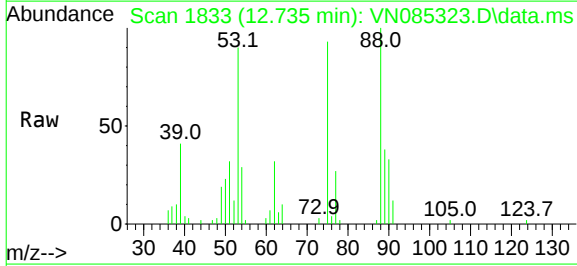
#81
trans-1,4-Dichloro-2-butene
Concen: 21.448 ug/l
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.3	80.0	120.0
89	45.4	35.8	53.8

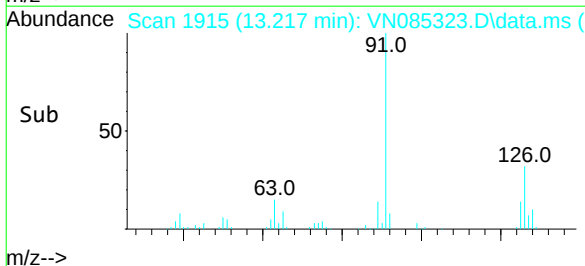
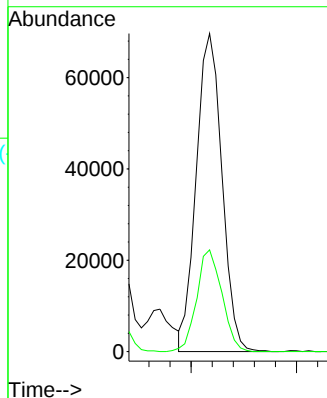
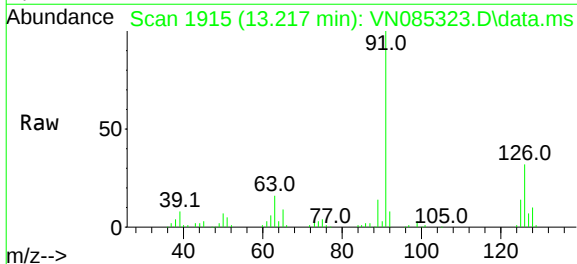
Manual Integrations
APPROVED

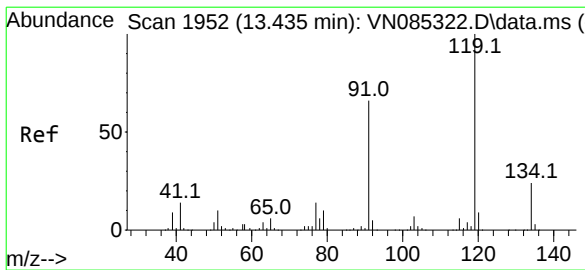
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#82
4-Chlorotoluene
Concen: 21.976 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	16.4	49.4





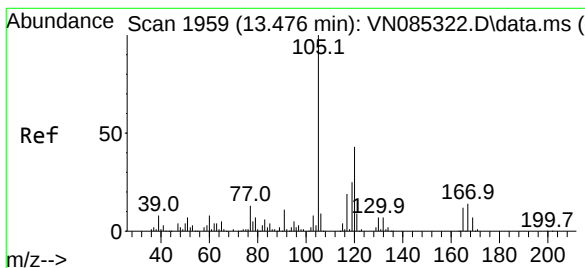
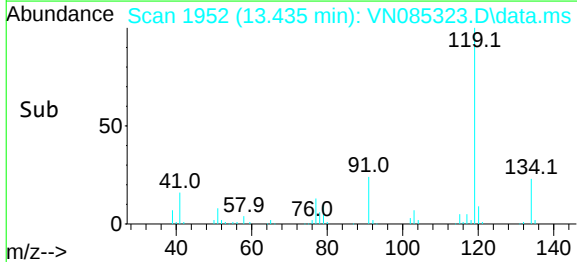
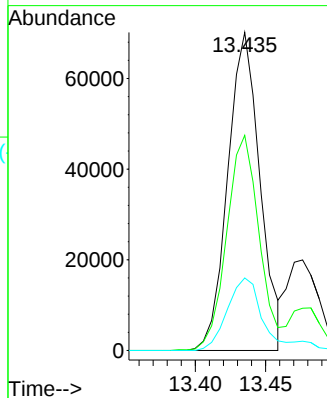
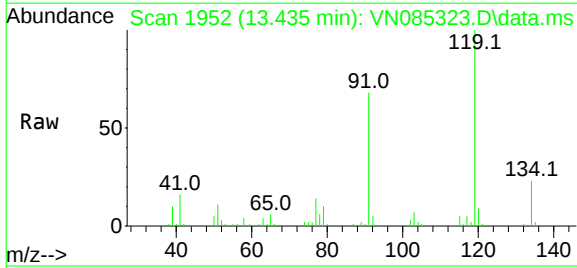
#83
tert-Butylbenzene
Concen: 22.025 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 111983
Ion Ratio Lower Upper
119 100
91 67.8 33.6 100.8
134 26.1 13.3 39.8

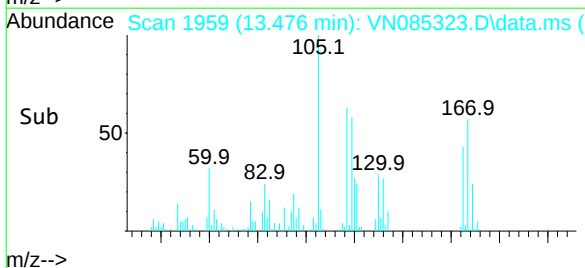
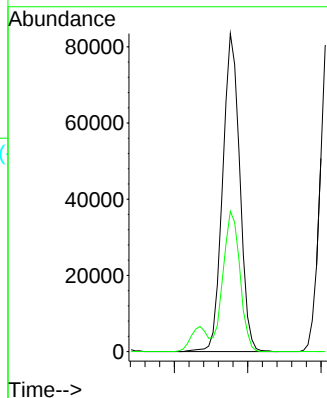
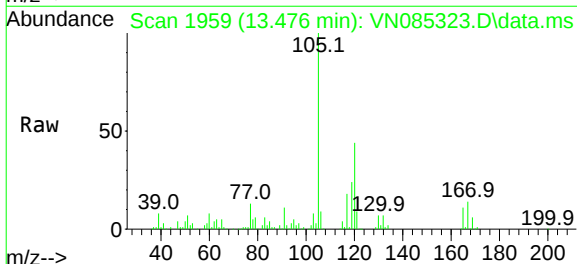
Manual Integrations
APPROVED

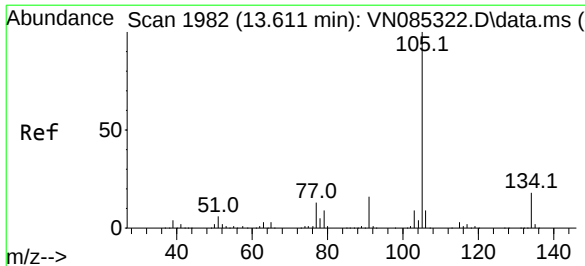
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#84
1,2,4-Trimethylbenzene
Concen: 23.107 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion:105 Resp: 135046
Ion Ratio Lower Upper
105 100
120 44.0 21.7 65.1





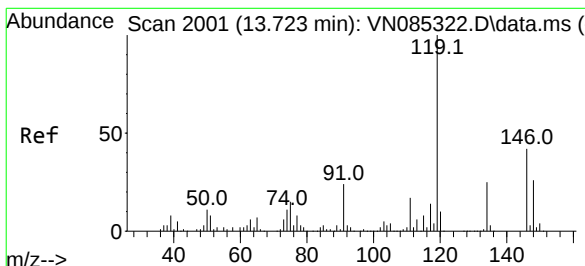
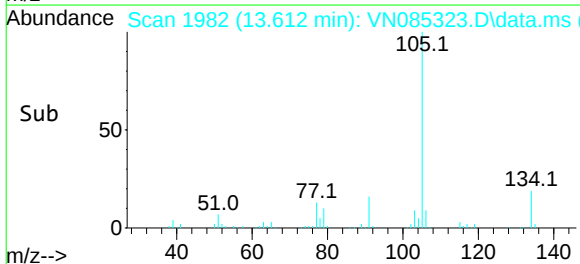
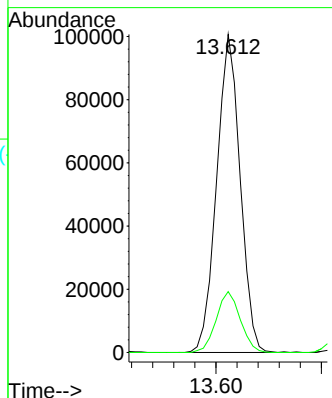
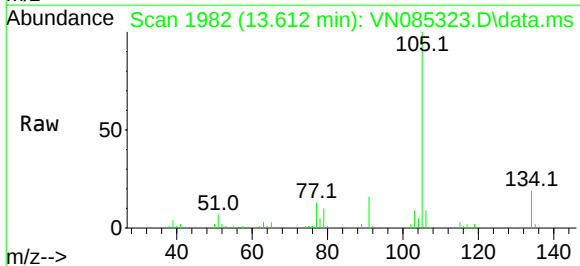
#85
sec-Butylbenzene
Concen: 22.026 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 155451
Ion Ratio Lower Upper
105 100
134 19.6 9.4 28.3

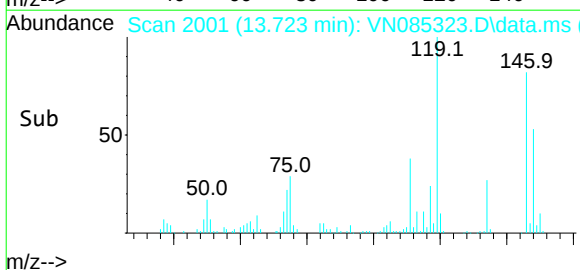
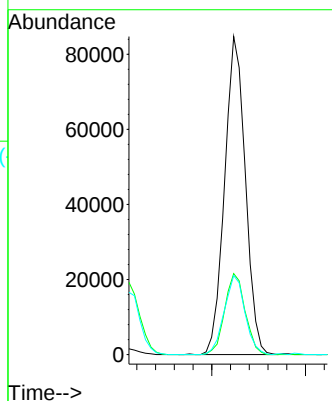
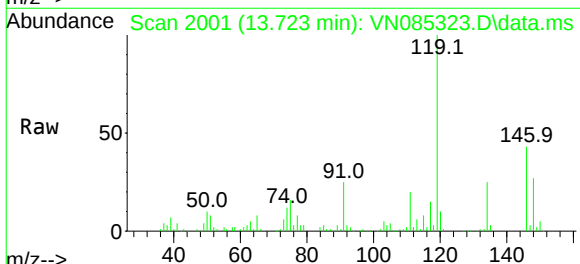
Manual Integrations
APPROVED

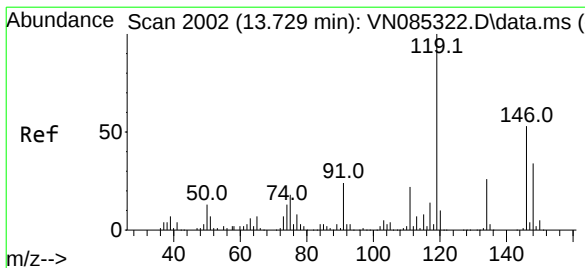
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#86
p-Isopropyltoluene
Concen: 21.487 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion:119 Resp: 130425
Ion Ratio Lower Upper
119 100
134 25.0 12.5 37.5
91 24.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 21.444 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

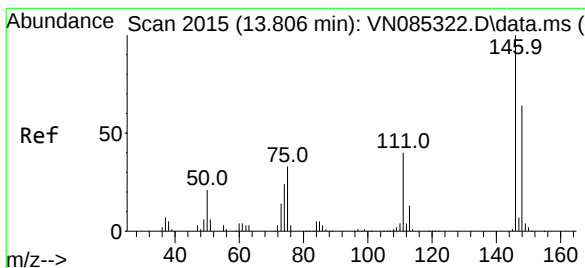
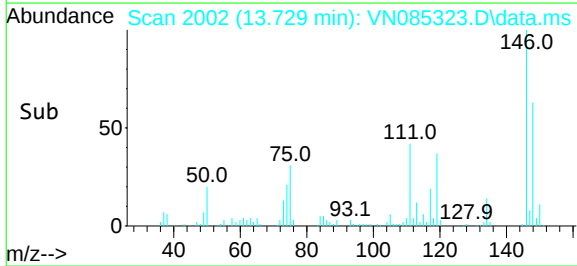
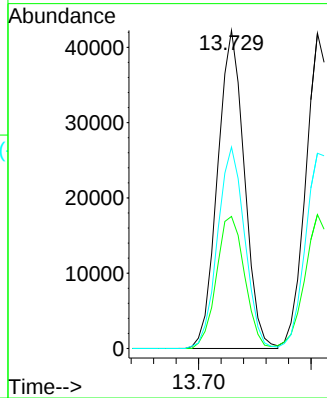
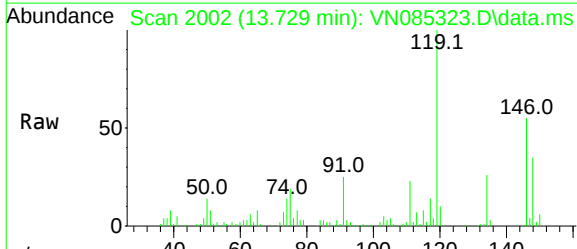
Tgt Ion:	146	Resp:	69890
Ion Ratio	Lower	Upper	
146	100		
111	43.7	21.3	63.9
148	64.1	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#88

1,4-Dichlorobenzene

Concen: 21.136 ug/l

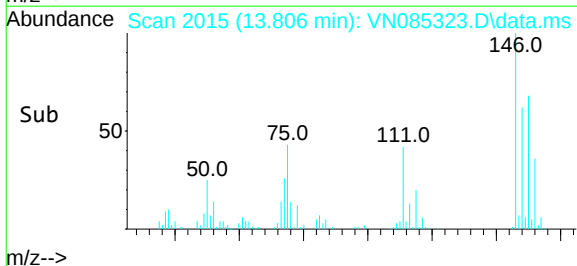
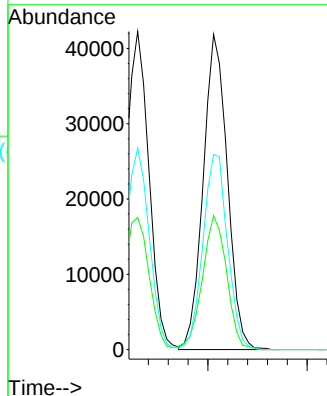
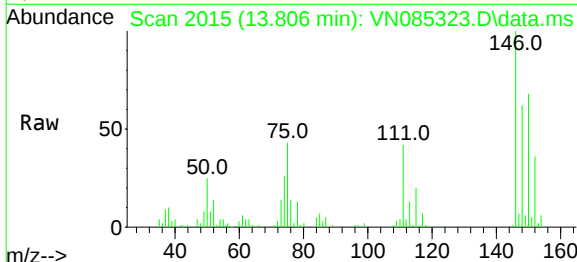
RT: 13.806 min Scan# 2015

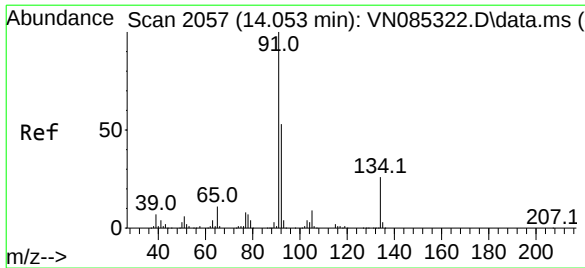
Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Tgt Ion:	146	Resp:	70759
Ion Ratio	Lower	Upper	
146	100		
111	42.8	20.8	62.5
148	63.3	31.7	95.1





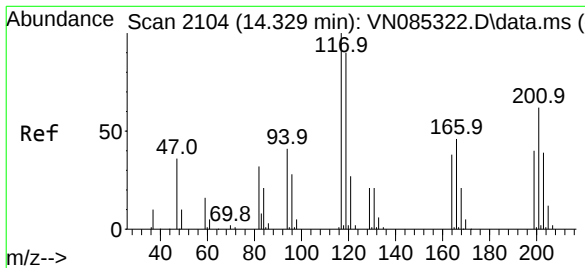
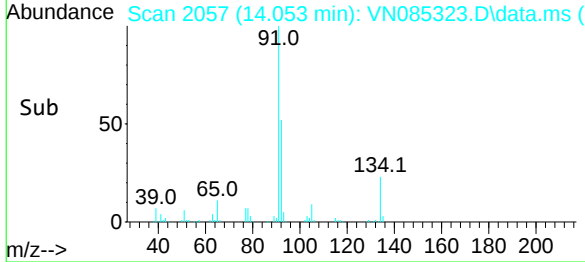
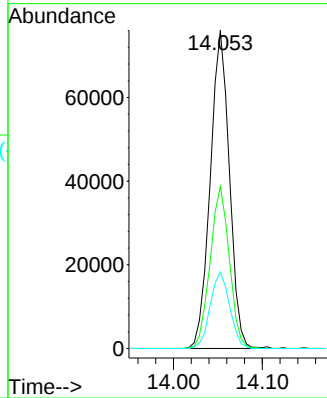
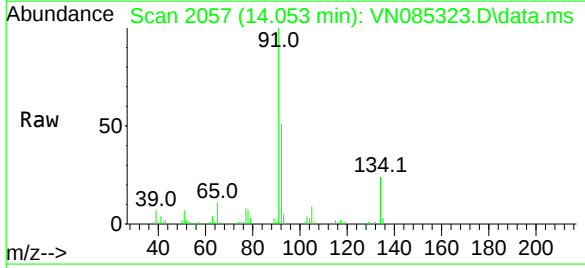
#89
n-Butylbenzene
Concen: 22.006 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.0	78.0
134	24.4	12.1	36.3

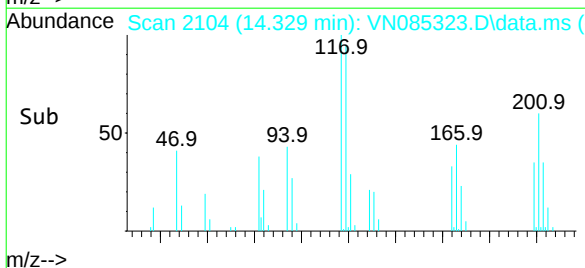
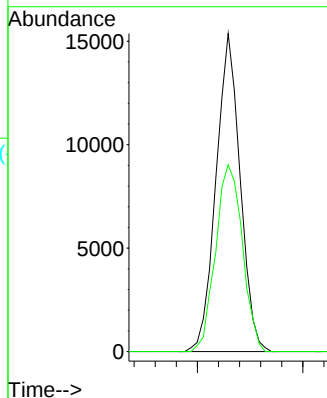
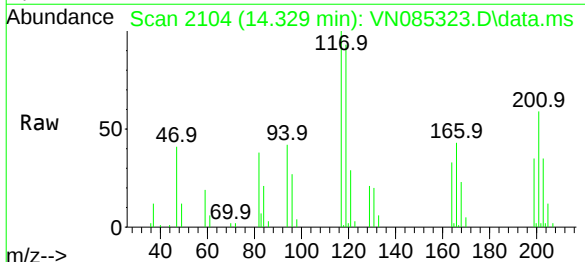
Manual Integrations
APPROVED

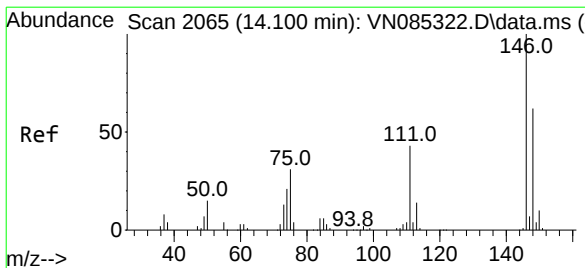
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#90
Hexachloroethane
Concen: 21.128 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085323.D
Acq: 27 Dec 2024 11:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.2	30.7	92.1





#91

1,2-Dichlorobenzene

Concen: 21.735 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

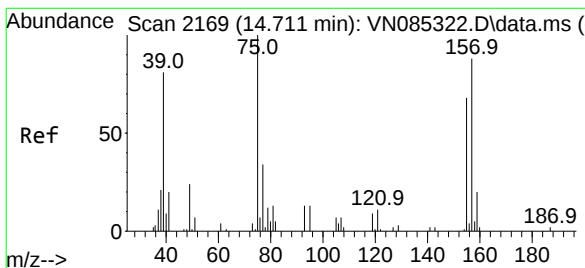
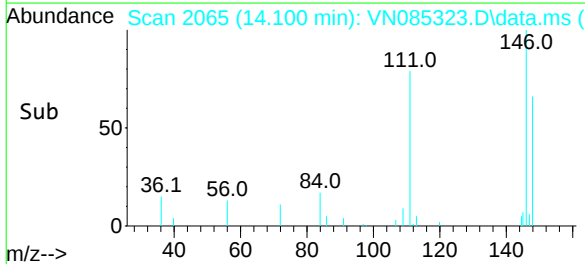
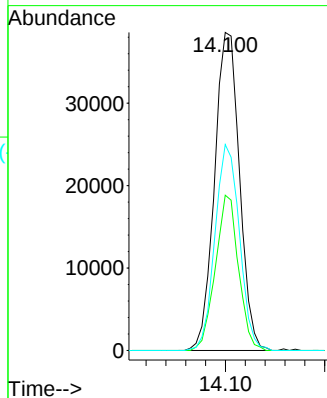
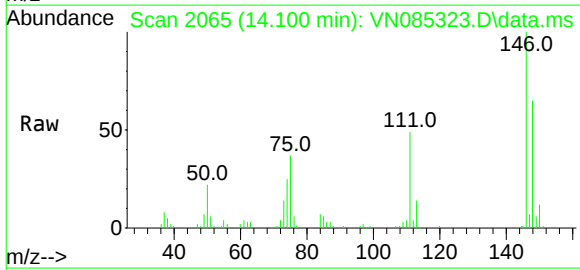
Tgt Ion:	146	Resp:	67480
Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.8	65.3
148	63.5	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.954 ug/l

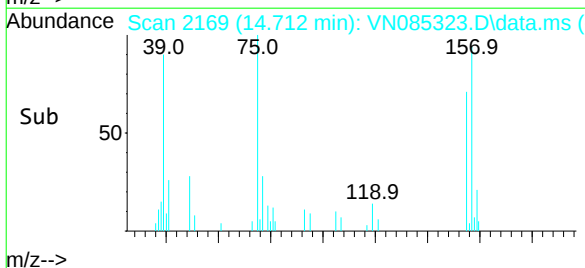
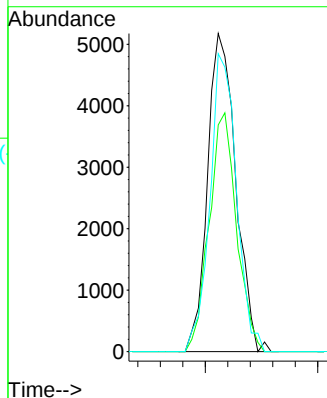
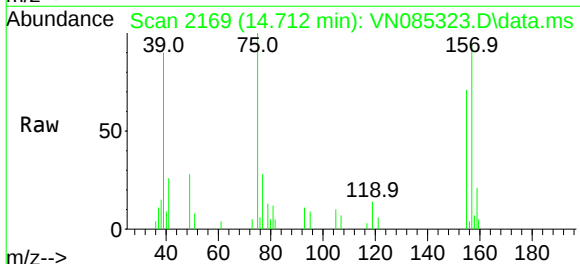
RT: 14.712 min Scan# 2169

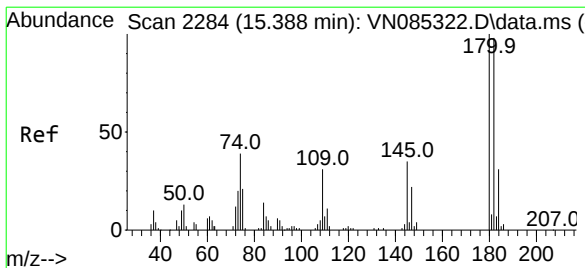
Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Tgt Ion:	75	Resp:	9030
Ion	Ratio	Lower	Upper
75	100		
155	73.1	35.6	106.9
157	88.0	47.0	141.0





#93

1,2,4-Trichlorobenzene

Concen: 21.491 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 33300

Ion Ratio Lower Upper

180 100

182 93.6 47.2 141.6

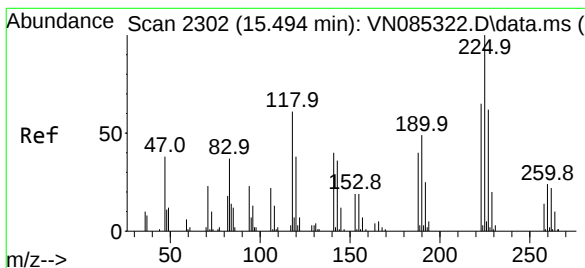
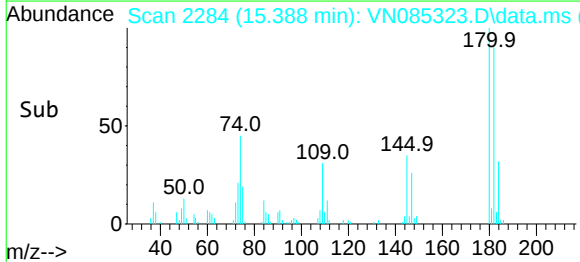
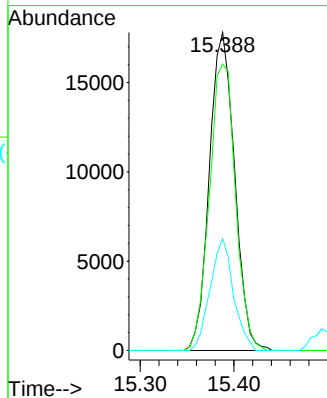
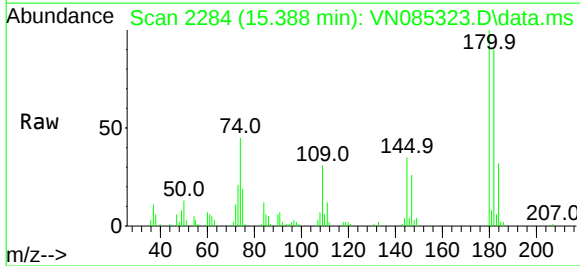
145 32.5 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#94

Hexachlorobutadiene

Concen: 20.980 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

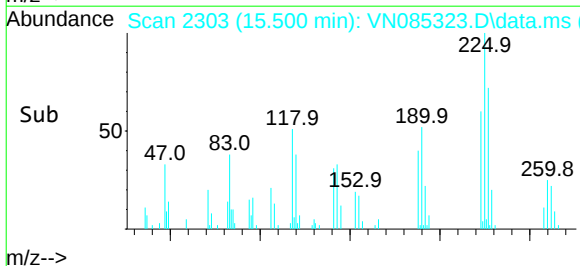
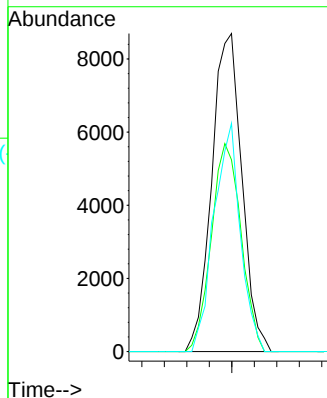
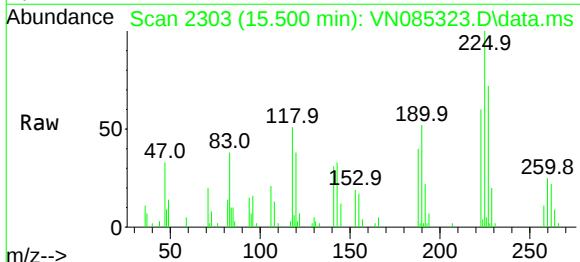
Tgt Ion:225 Resp: 16152

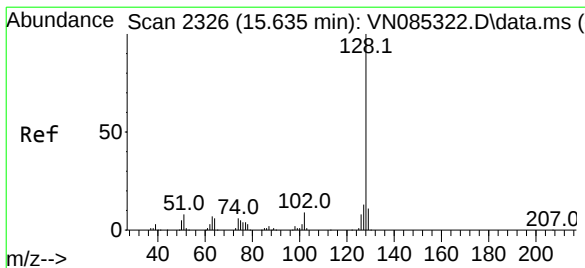
Ion Ratio Lower Upper

225 100

223 64.6 31.6 94.7

227 63.2 30.3 91.0





#95

Naphthalene

Concen: 21.170 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

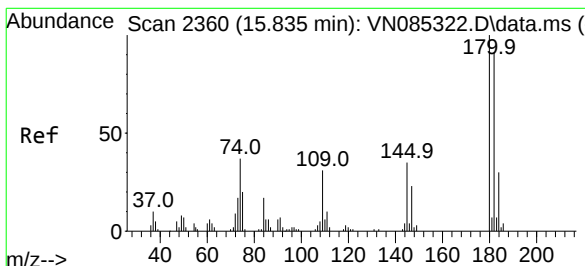
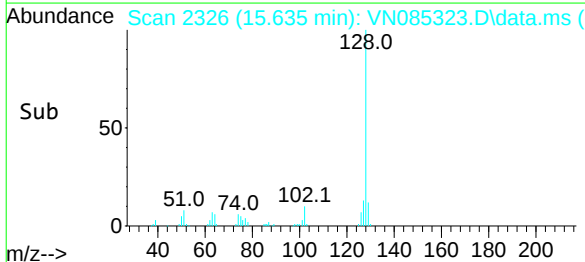
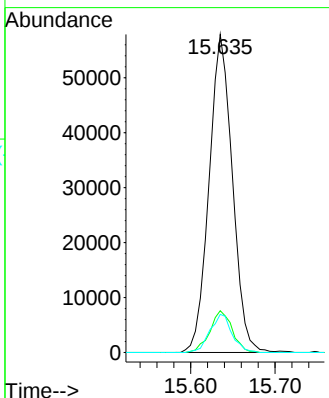
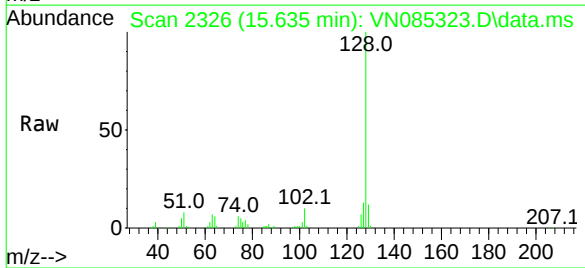
Tgt Ion:	128	Resp:	111233
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	16.0
129	11.3	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#96

1,2,3-Trichlorobenzene

Concen: 21.140 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085323.D

Acq: 27 Dec 2024 11:13

Tgt Ion:	180	Resp:	32729
Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.8	140.4
145	34.6	17.2	51.6

