

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032924\
 Data File : VW034911.D
 Acq On : 29 Mar 2024 17:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 30 02:16:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	350298	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	341861	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	174818	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	137226	40.563	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.120%		
7) Chloroethane-d5	1.529	69	126692	43.116	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.240%		
11) 1,1-Dichloroethene-d2	2.060	65	65021	43.846	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.700%		
21) 2-Butanone-d5	3.789	46	163532	81.505	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.510%		
24) Chloroform-d	4.249	84	244419	42.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.940%		
26) 1,2-Dichloroethane-d4	4.940	65	148148	41.024	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.040%		
32) Benzene-d6	4.960	84	480511	41.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.680%		
36) 1,2-Dichloropropane-d6	5.989	67	148237	40.652	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.300%		
41) Toluene-d8	7.243	98	432914	41.861	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.720%		
43) trans-1,3-Dichloroprop...	7.551	79	70793	39.934	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.860%		
47) 2-Hexanone-d5	8.024	63	105956	76.853	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.850%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	213408	42.499	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.000%		
66) 1,2-Dichlorobenzene-d4	11.561	152	161007	41.020	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	105910	41.715	ug/L	99
3) Chloromethane	1.217	50	122752	37.609	ug/L	98
5) Vinyl chloride	1.285	62	138852	40.580	ug/L	100
6) Bromomethane	1.484	94	111941	43.644	ug/L	98
8) Chloroethane	1.545	64	97208	41.597	ug/L	100
9) Trichlorofluoromethane	1.712	101	199512	44.425	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	125843	45.781	ug/L	97
12) 1,1-Dichloroethene	2.069	96	115717	44.016	ug/L	91
13) Acetone	2.117	43	137567	74.682	ug/L	99
14) Carbon disulfide	2.240	76	269957	36.463	ug/L	100
15) Methyl Acetate	2.375	43	125575	43.260	ug/L	97
16) Methylene chloride	2.445	84	128774	45.206	ug/L	92
17) trans-1,2-Dichloroethene	2.693	96	109410	43.045	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	392405	43.953	ug/L	100
19) 1,1-Dichloroethane	3.111	63	231936	44.498	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	128868	44.648	ug/L	95
22) 2-Butanone	3.870	43	167276	78.259	ug/L	96
23) Bromochloromethane	4.149	128	66618	46.132	ug/L	93
25) Chloroform	4.275	83	235077	45.617	ug/L	99

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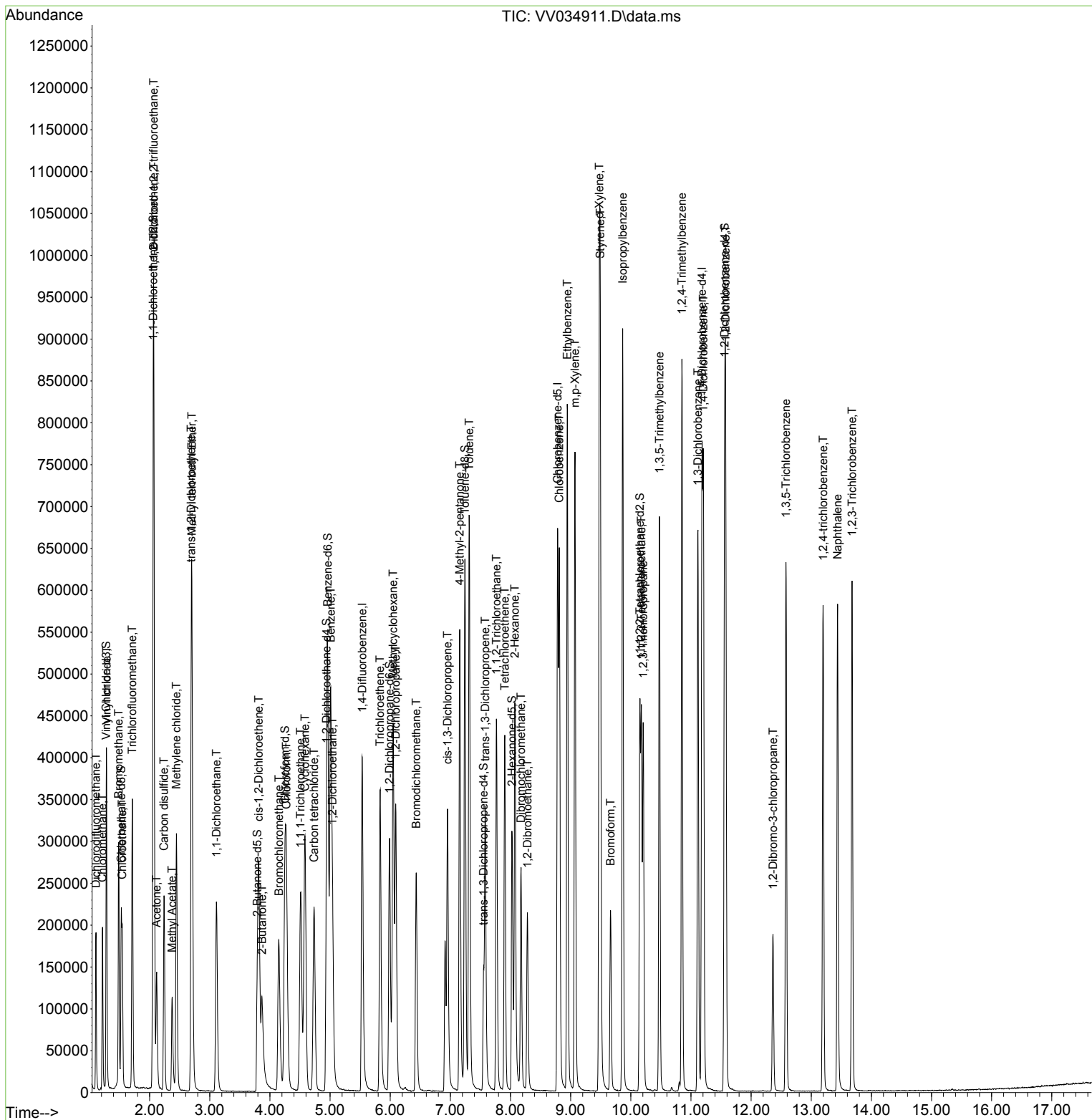
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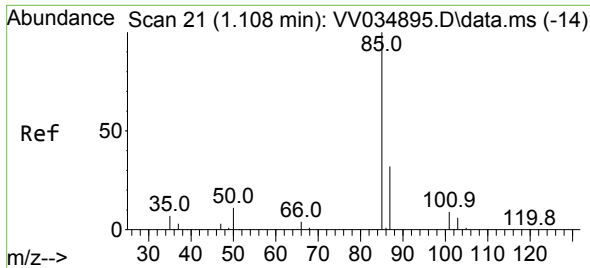
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	184598	44.991	ug/L	100
29) Cyclohexane	4.584	56	171037	39.946	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	195566	43.887	ug/L	99
31) Carbon tetrachloride	4.735	117	167435	44.331	ug/L	99
33) Benzene	5.011	78	482645	43.296	ug/L	100
34) Trichloroethene	5.831	95	128841	42.826	ug/L	99
35) Methylcyclohexane	6.050	83	188382	41.462	ug/L	98
37) 1,2-Dichloropropane	6.092	63	137273	44.559	ug/L	100
38) Bromodichloromethane	6.432	83	176431	44.387	ug/L	95
39) cis-1,3-Dichloropropene	6.953	75	211931	43.670	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	348534	88.611	ug/L	100
42) Toluene	7.313	91	512781	43.937	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	198920	44.615	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	133251	45.891	ug/L	99
46) Tetrachloroethene	7.905	164	92337	43.932	ug/L	98
48) 2-Hexanone	8.072	43	276454	82.639	ug/L	96
49) Dibromochloromethane	8.175	129	129396	44.994	ug/L	100
50) 1,2-Dibromoethane	8.281	107	138921	44.439	ug/L	97
51) Chlorobenzene	8.812	112	339891	44.935	ug/L	100
52) Ethylbenzene	8.943	91	565708	43.736	ug/L	99
53) m,p-Xylene	9.072	106	208358	43.742	ug/L	100
54) o-Xylene	9.477	106	206519	43.819	ug/L	99
55) Styrene	9.493	104	360247	45.231	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	216693	46.060	ug/L	99
59) Bromoform	9.664	173	92354	46.099	ug/L	99
60) Isopropylbenzene	9.866	105	560704	44.490	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	174124	45.965	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	361007	44.106	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	450985	44.565	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	259976	44.142	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	272353	45.473	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	274260	46.746	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	46663	44.711	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	186312	43.893	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	172991	44.368	ug/L	99
71) Naphthalene	13.438	128	438226	40.511	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	175879	45.762	ug/L	100

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

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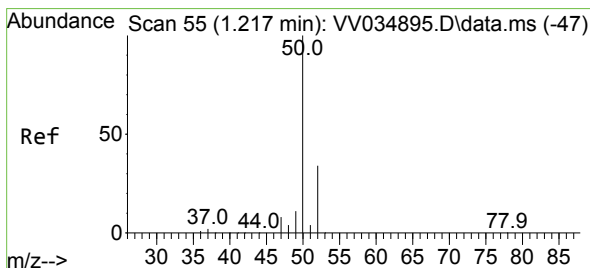
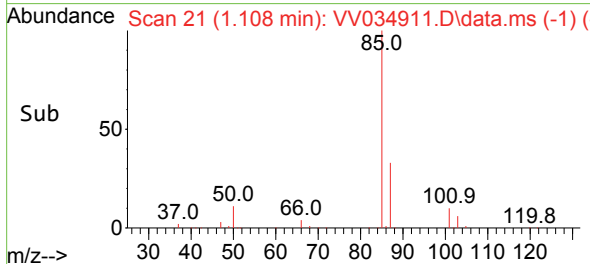
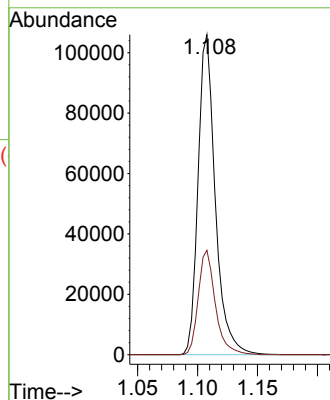
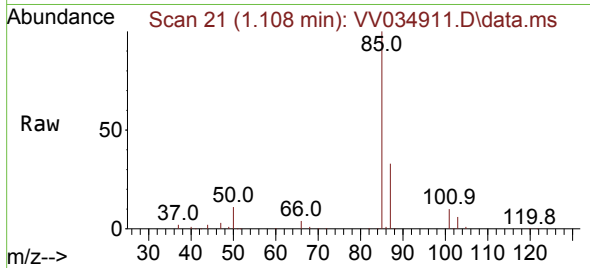




#2
 Dichlorodifluoromethane
 Concen: 41.715 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034911.D
 Acq: 29 Mar 2024 17:25

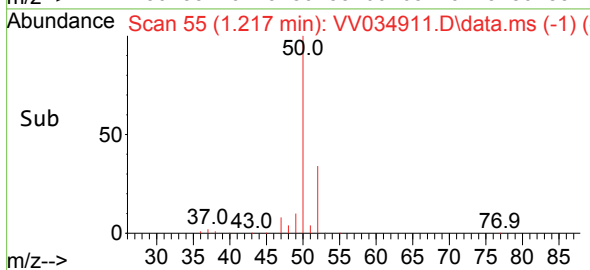
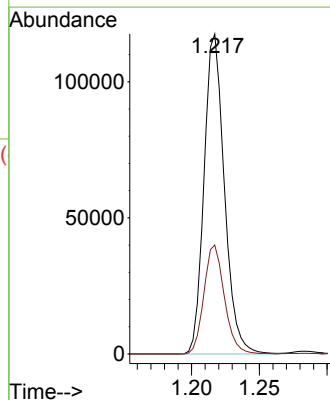
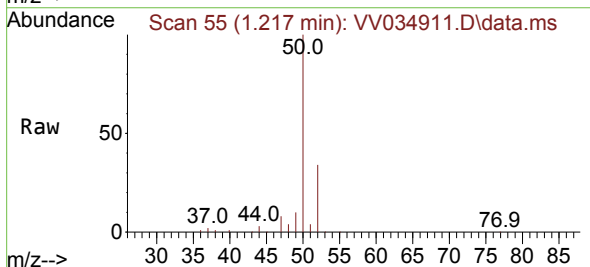
Instrument :
 MSVOA_V
 ClientSampleId :

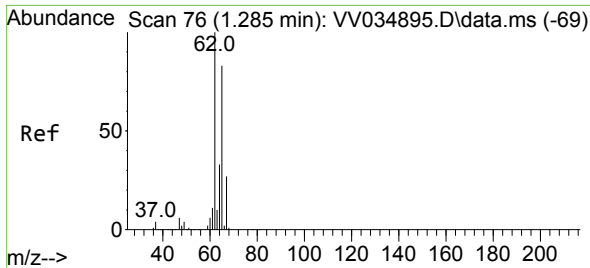
Tgt Ion: 85 Resp: 105910
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.7 38.5



#3
 Chloromethane
 Concen: 37.609 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV034911.D
 Acq: 29 Mar 2024 17:25

Tgt Ion: 50 Resp: 122752
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.0 42.8

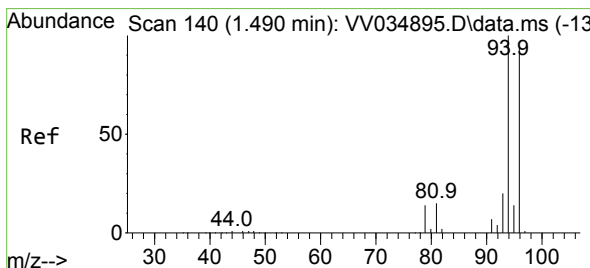
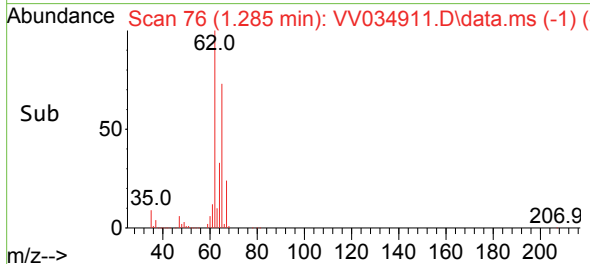
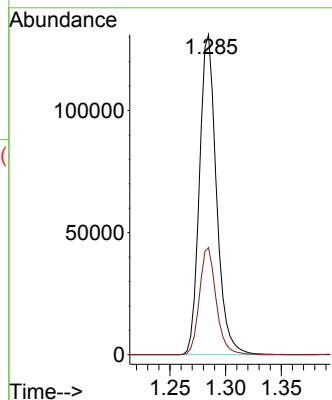
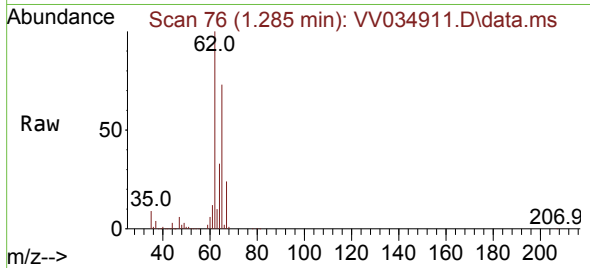




#5
 Vinyl chloride
 Concen: 40.580 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV034911.D
 Acq: 29 Mar 2024 17:25

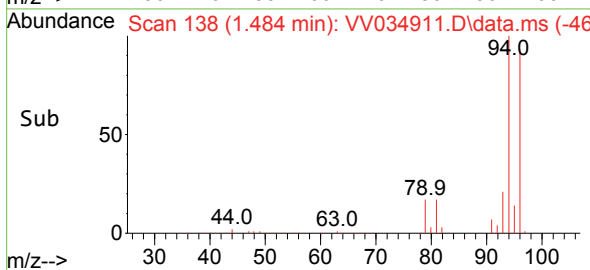
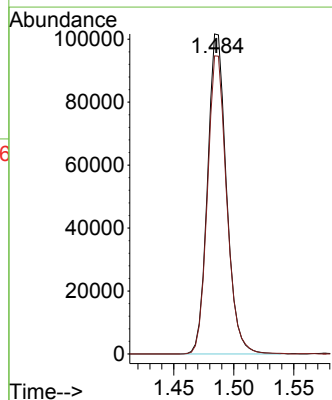
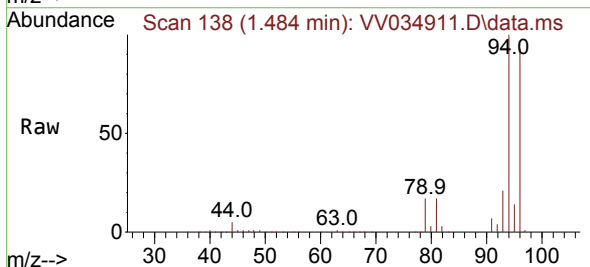
Instrument :
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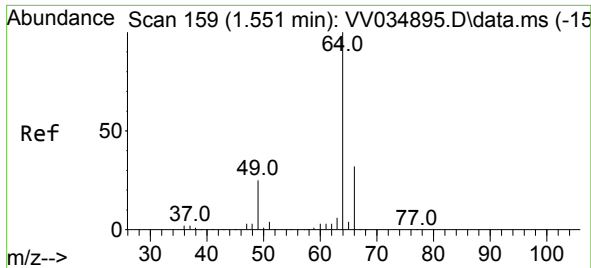
Tgt Ion: 62 Resp: 138852
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.6 43.8



#6
 Bromomethane
 Concen: 43.644 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV034911.D
 Acq: 29 Mar 2024 17:25

Tgt Ion: 94 Resp: 111941
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.3 123.1

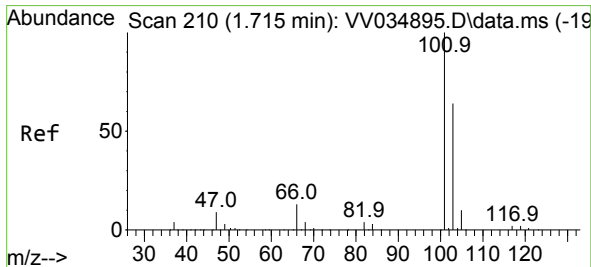
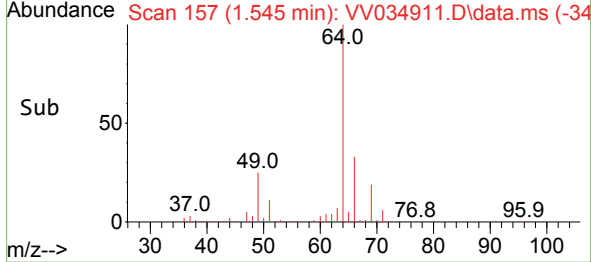
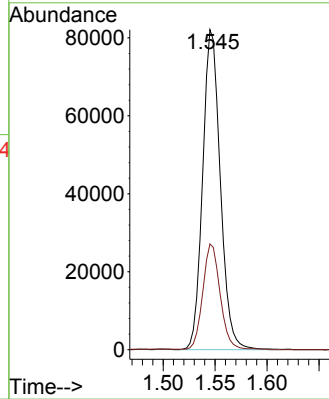
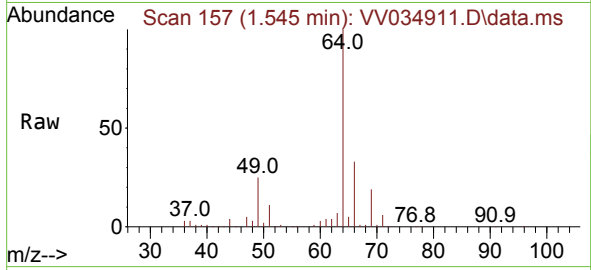




#8
Chloroethane
Concen: 41.597 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

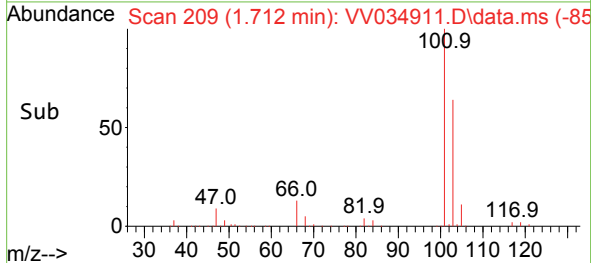
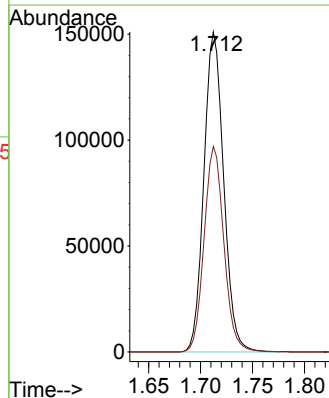
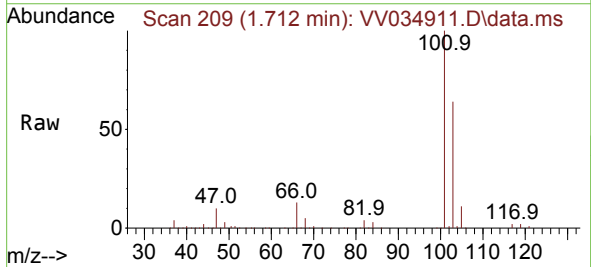
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MSVOA_V
ClientSampleId :

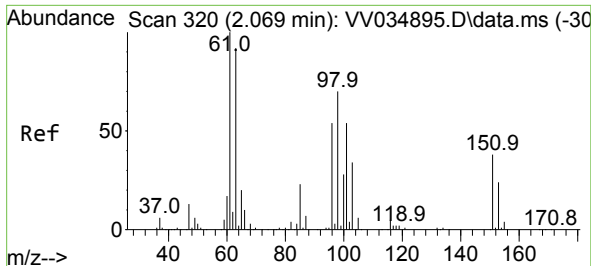
Tgt Ion: 64 Resp: 97208
Ion Ratio Lower Upper
64 100
66 33.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 44.425 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion:101 Resp: 199512
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4

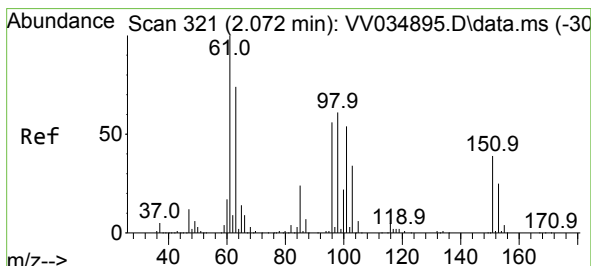
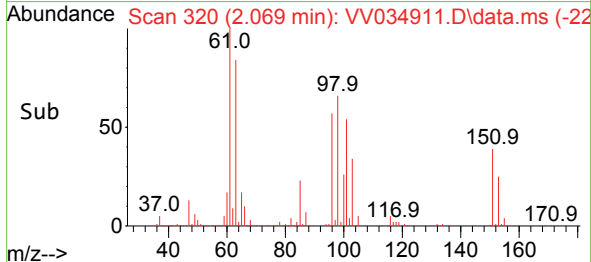
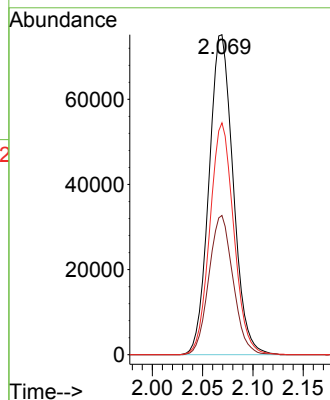
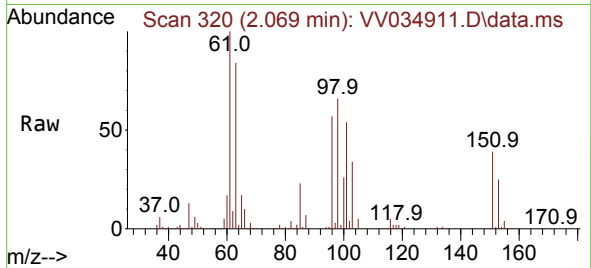




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.781 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034911.D
 Acq: 29 Mar 2024 17:25

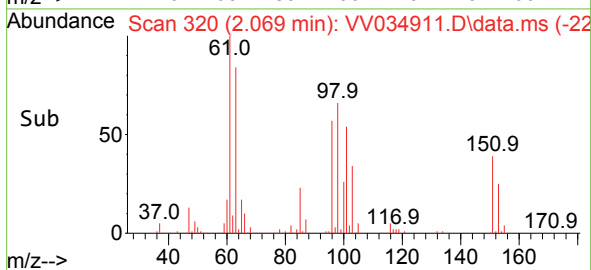
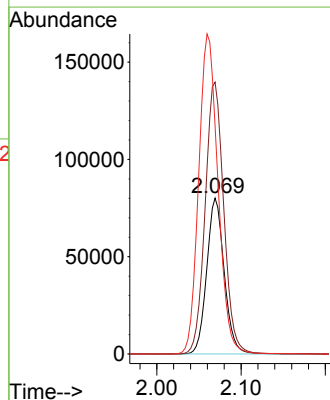
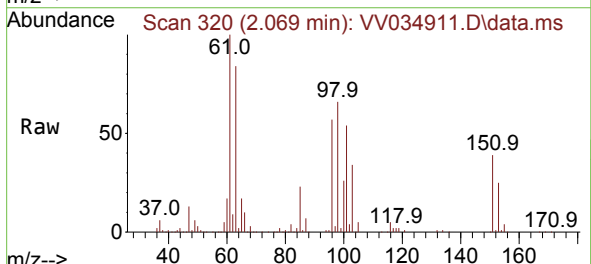
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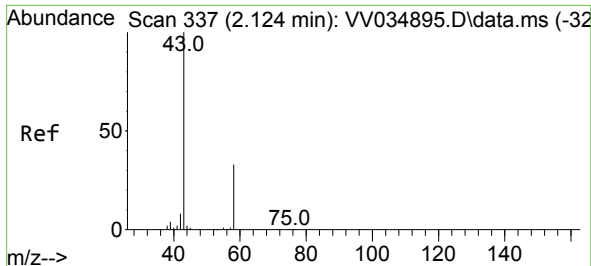
Tgt Ion:101 Resp: 125843
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.3 52.9
 151 71.9 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 44.016 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034911.D
 Acq: 29 Mar 2024 17:25

Tgt Ion: 96 Resp: 115717
 Ion Ratio Lower Upper
 96 100
 61 174.4 131.5 244.3
 63 146.4 111.4 206.8





#13

Acetone

Concen: 74.682 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034911.D

Acq: 29 Mar 2024 17:25

Instrument :

MSVOA_V

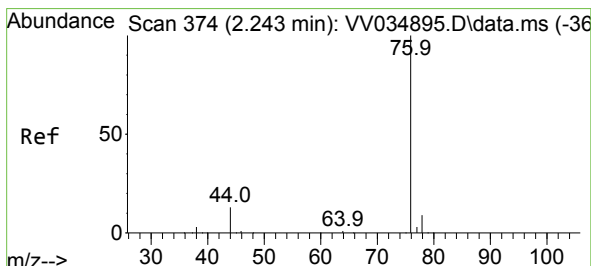
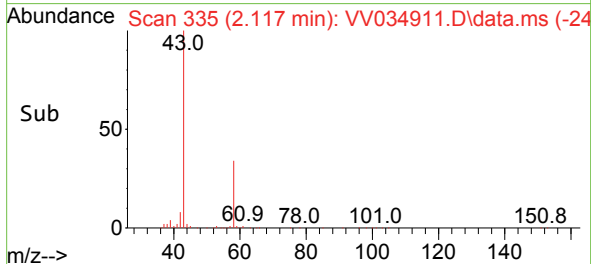
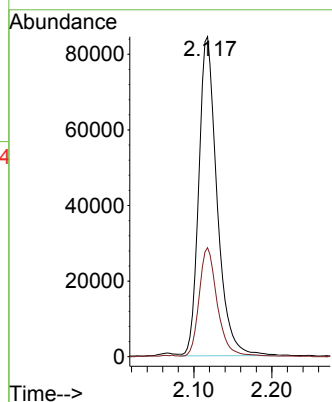
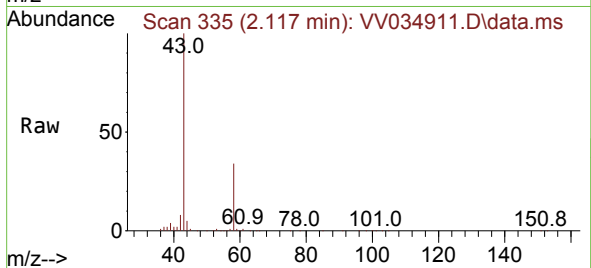
ClientSampleId :

Tgt Ion: 43 Resp: 137567

Ion Ratio Lower Upper

43 100

58 33.7 0.0 66.0



#14

Carbon disulfide

Concen: 36.463 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034911.D

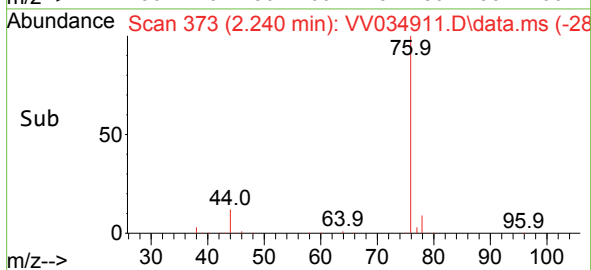
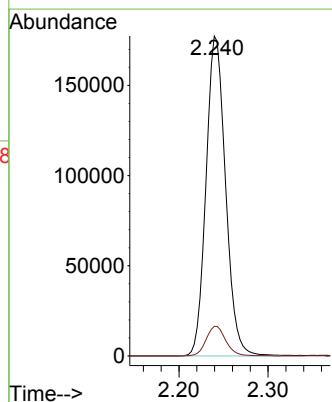
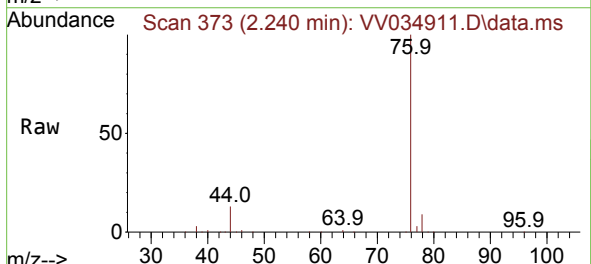
Acq: 29 Mar 2024 17:25

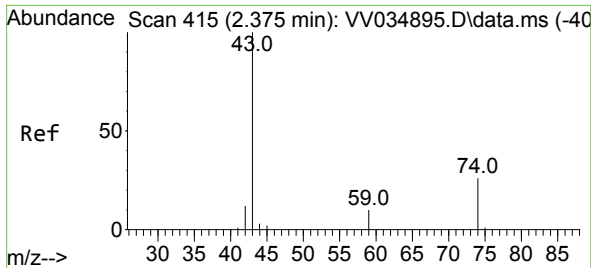
Tgt Ion: 76 Resp: 269957

Ion Ratio Lower Upper

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78 9.3 7.4 11.0

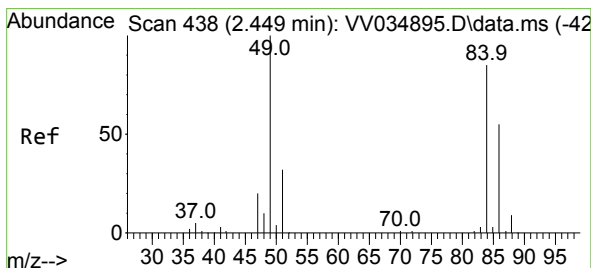
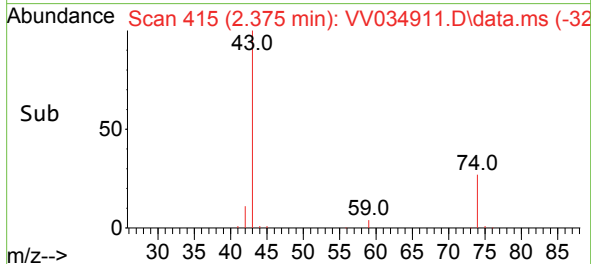
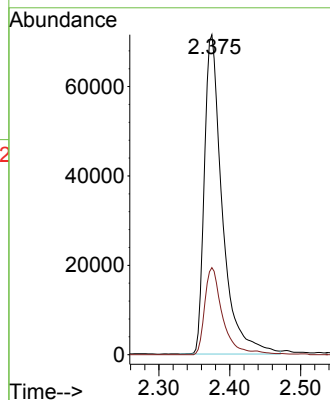
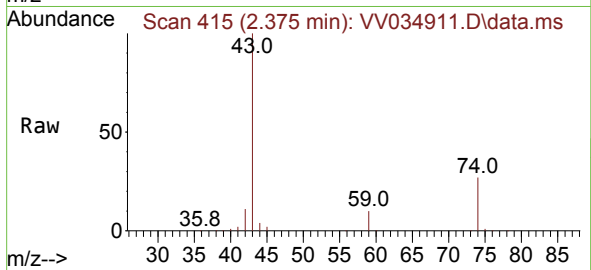




#15
Methyl Acetate
Concen: 43.260 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

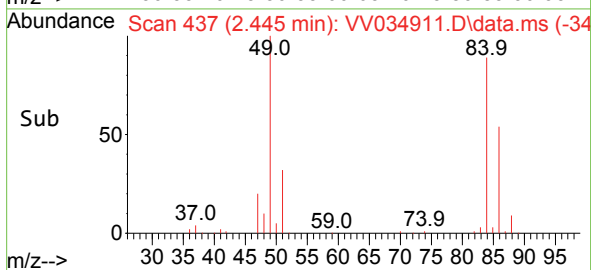
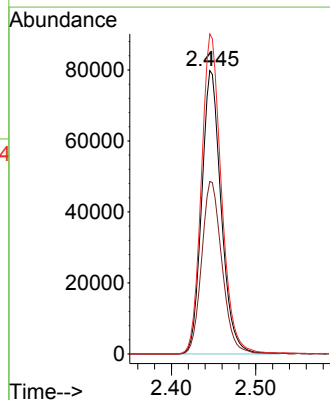
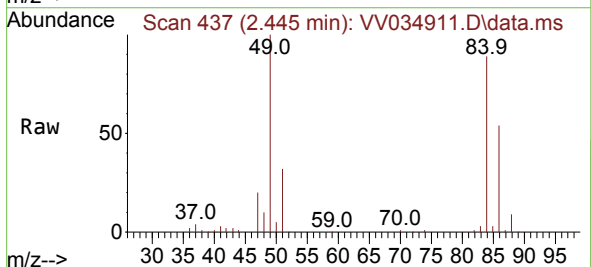
Instrument :
MSVOA_V
ClientSampleId :

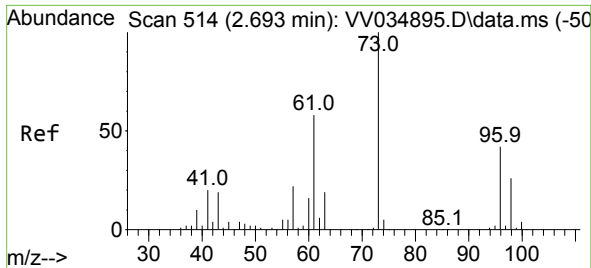
Tgt Ion: 43 Resp: 125575
Ion Ratio Lower Upper
43 100
74 26.4 19.8 29.8



#16
Methylene chloride
Concen: 45.206 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion: 84 Resp: 128774
Ion Ratio Lower Upper
84 100
86 60.8 44.6 82.8
49 112.9 86.9 161.3

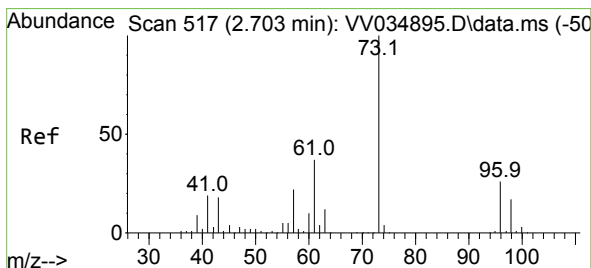
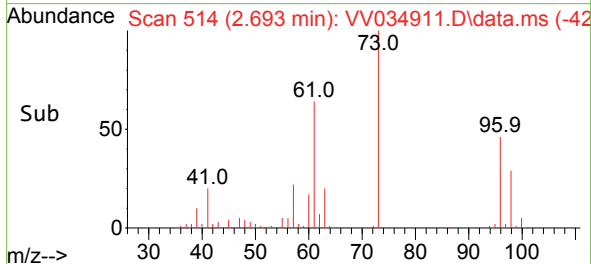
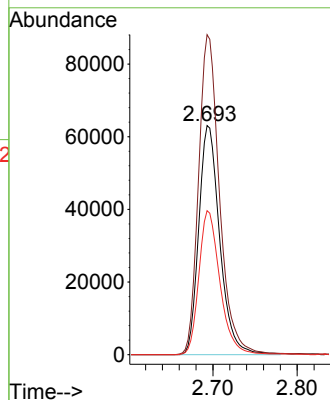
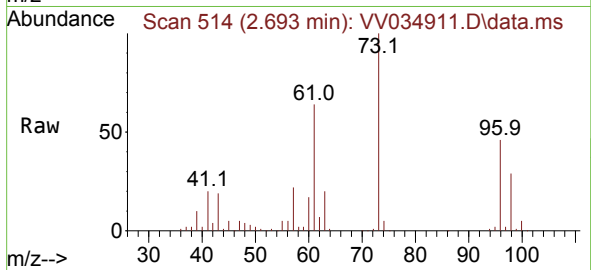




#17
trans-1,2-Dichloroethene
Concen: 43.045 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

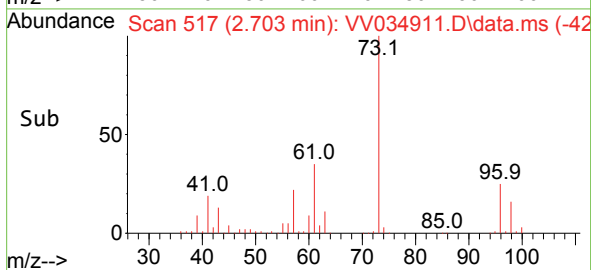
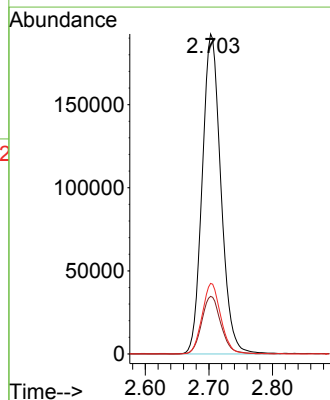
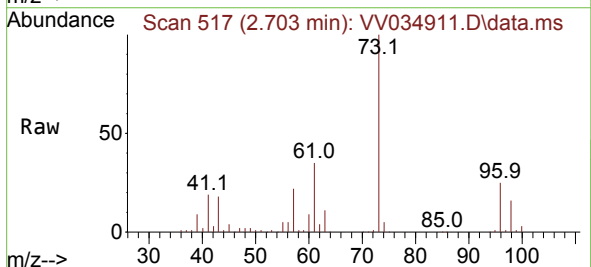
Instrument :
MSVOA_V
ClientSampleId :

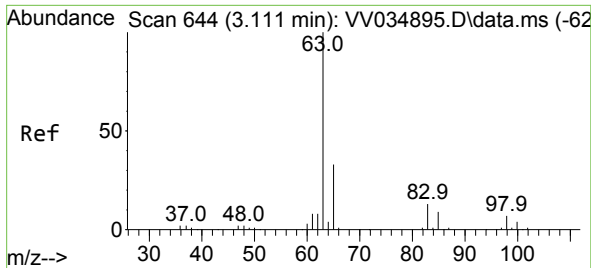
Tgt Ion: 96 Resp: 109410
Ion Ratio Lower Upper
96 100
61 139.7 99.0 183.8
98 62.8 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 43.953 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

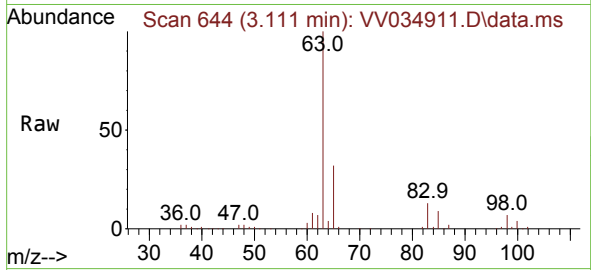
Tgt Ion: 73 Resp: 392405
Ion Ratio Lower Upper
73 100
43 18.4 14.6 21.8
57 22.0 17.6 26.4



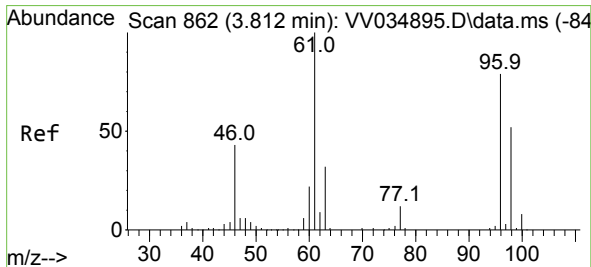
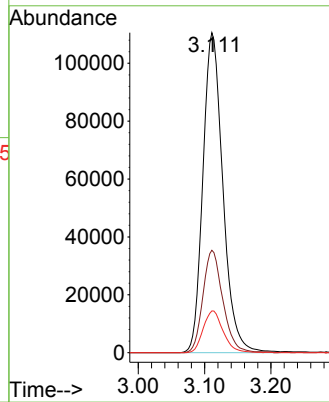
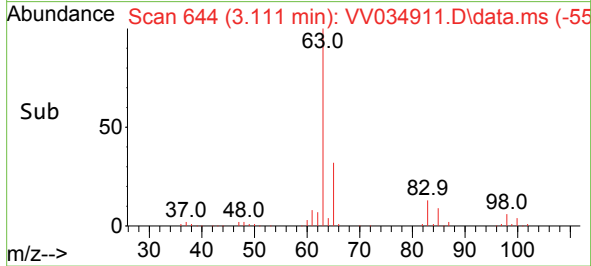


#19
1,1-Dichloroethane
Concen: 44.498 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Instrument :
MSVOA_V
ClientSampleId :

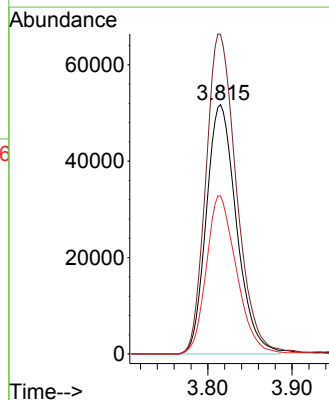
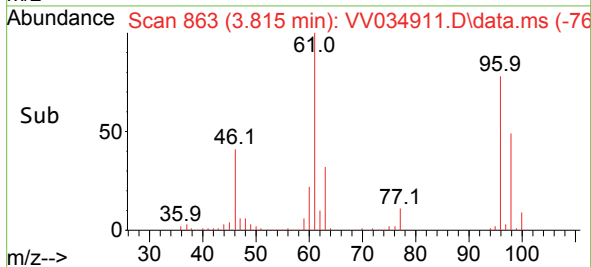
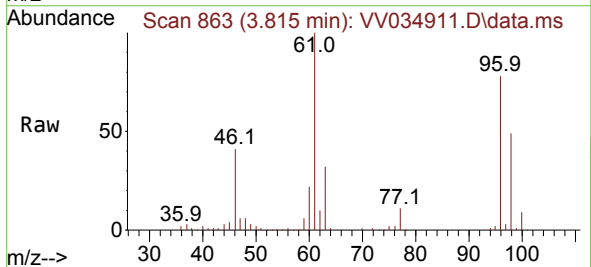


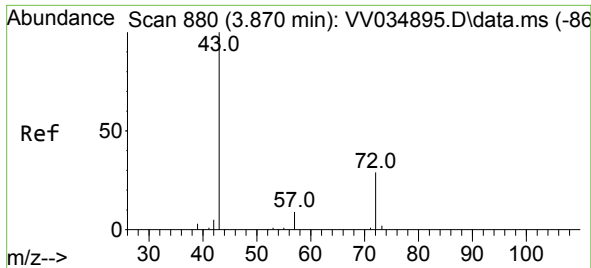
Tgt Ion: 63 Resp: 231936
Ion Ratio Lower Upper
63 100
65 32.0 23.0 42.6
83 13.1 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 44.648 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion: 96 Resp: 128868
Ion Ratio Lower Upper
96 100
61 128.1 94.9 176.3
98 63.4 45.6 84.8

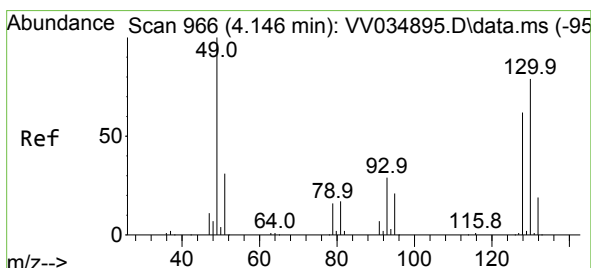
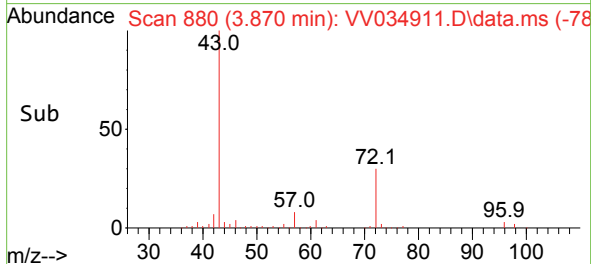
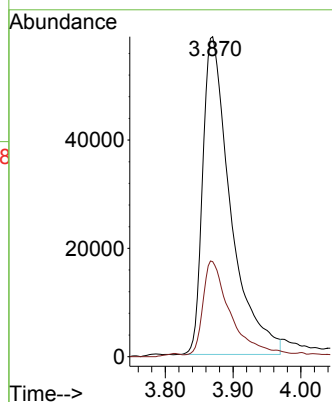
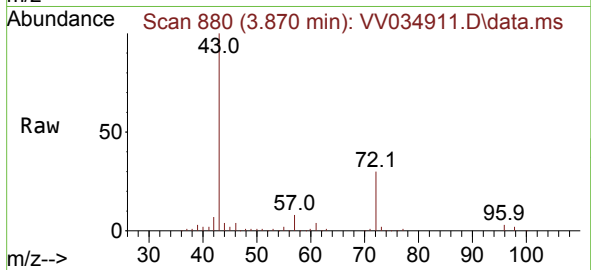




#22
2-Butanone
Concen: 78.259 ug/L
RT: 3.870 min Scan# 880
Delta R.T. 0.003 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

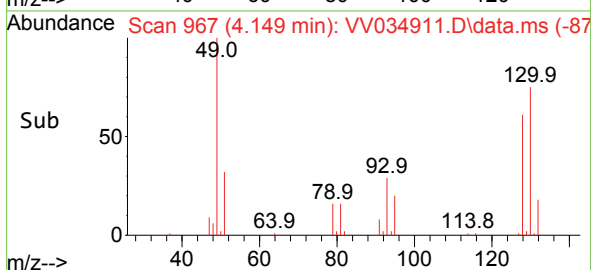
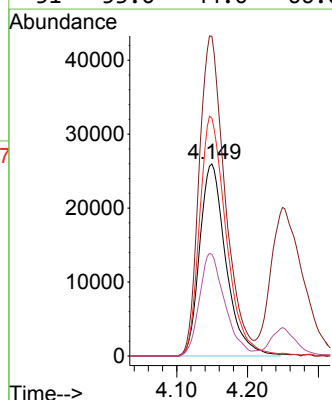
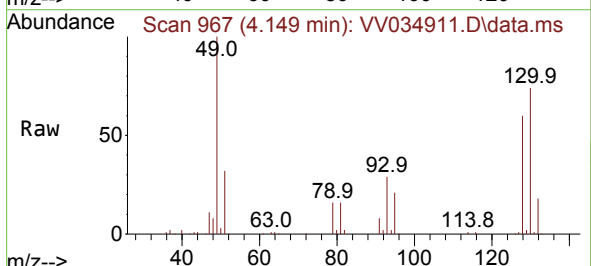
Instrument :
MSVOA_V
ClientSampleId :

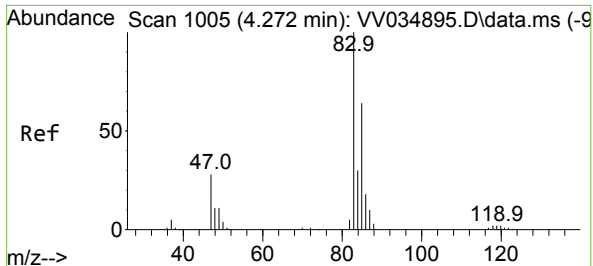
Tgt Ion: 43 Resp: 167276
Ion Ratio Lower Upper
43 100
72 28.3 13.2 39.6



#23
Bromochloromethane
Concen: 46.132 ug/L
RT: 4.149 min Scan# 967
Delta R.T. 0.003 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion:128 Resp: 66618
Ion Ratio Lower Upper
128 100
49 166.6 123.8 229.8
130 123.9 93.2 173.0
51 53.0 44.0 66.0

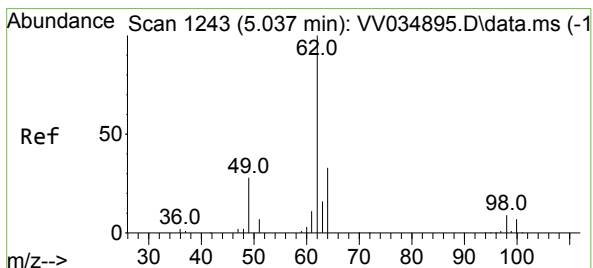
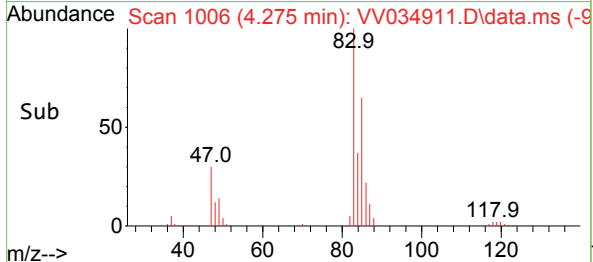
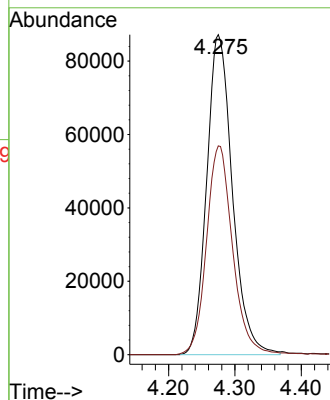
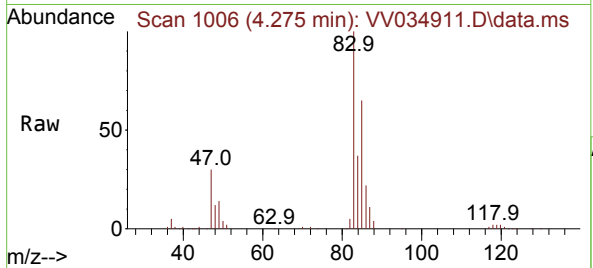




#25
Chloroform
Concen: 45.617 ug/L
RT: 4.275 min Scan# 1005
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

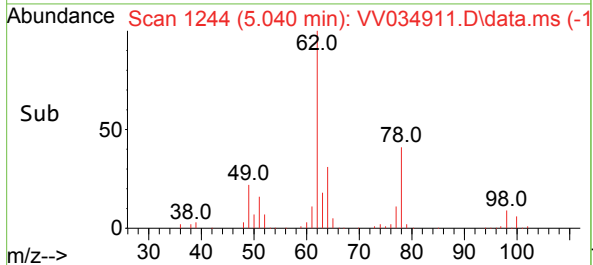
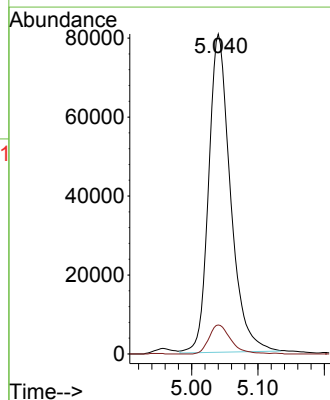
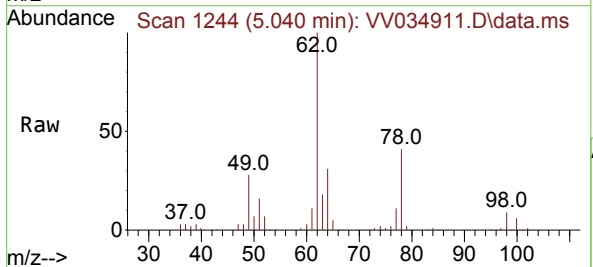
Instrument :
MSVOA_V
ClientSampleId :

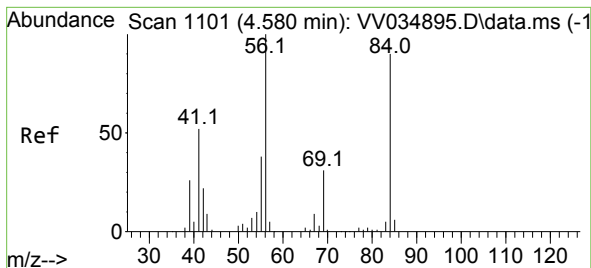
Tgt Ion: 83 Resp: 235077
Ion Ratio Lower Upper
83 100
85 65.3 46.0 85.4



#27
1,2-Dichloroethane
Concen: 44.991 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion: 62 Resp: 184598
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8





#29

Cyclohexane

Concen: 39.946 ug/L

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV034911.D

Acq: 29 Mar 2024 17:25

Instrument :

MSVOA_V

ClientSampleId :

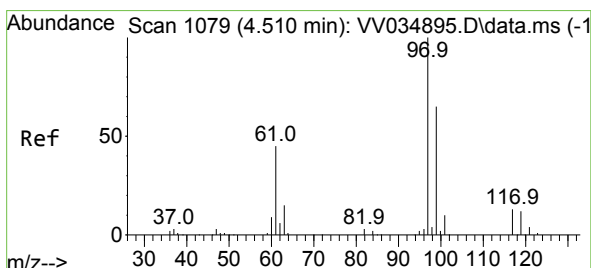
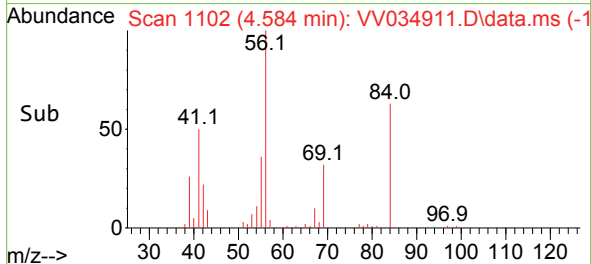
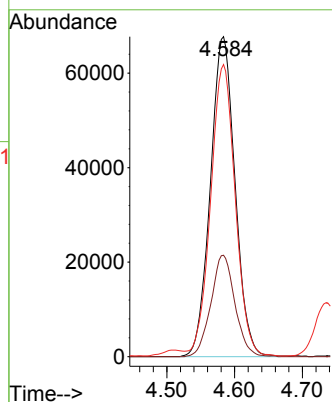
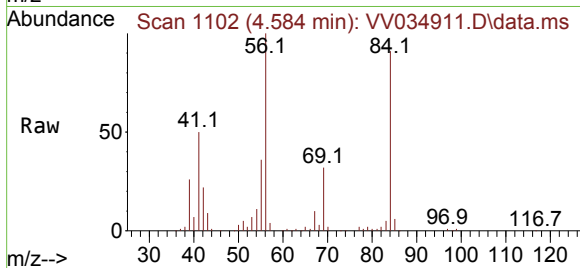
Tgt Ion: 56 Resp: 171037

Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.2

84 91.1 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 43.887 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV034911.D

Acq: 29 Mar 2024 17:25

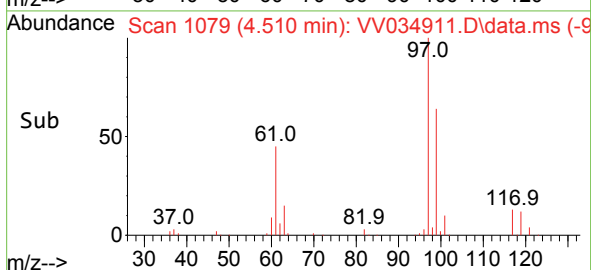
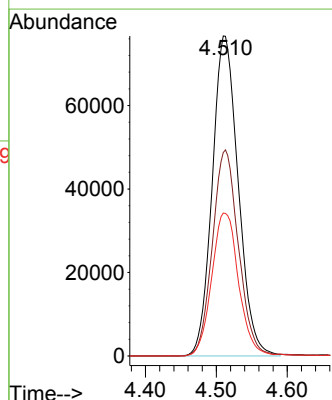
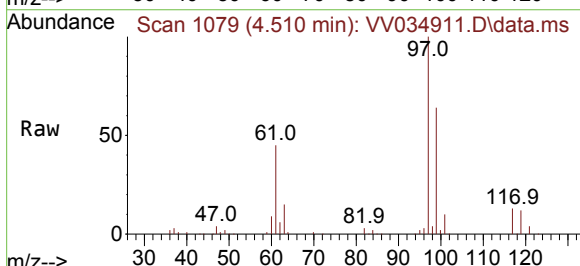
Tgt Ion: 97 Resp: 195566

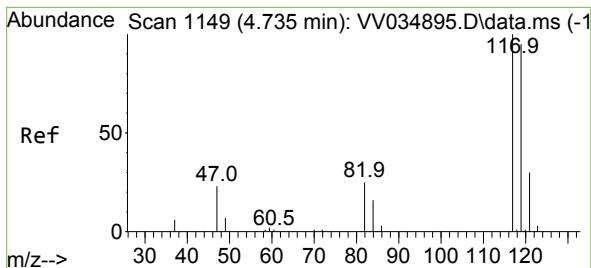
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 46.0 36.8 55.2

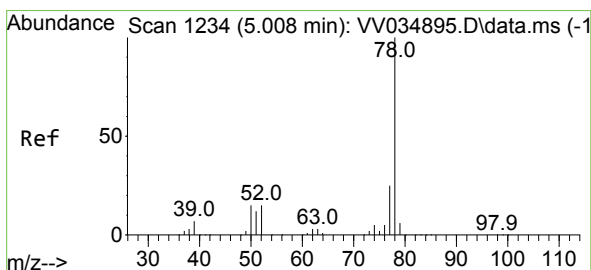
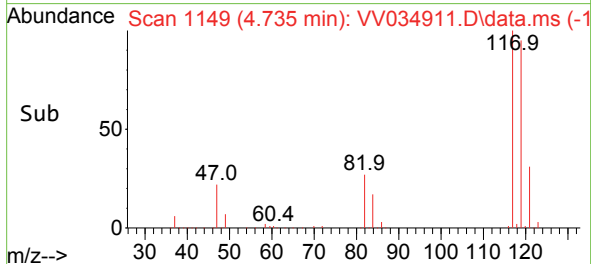
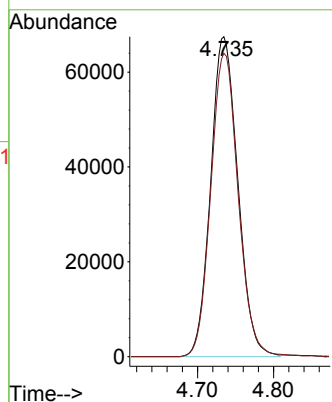
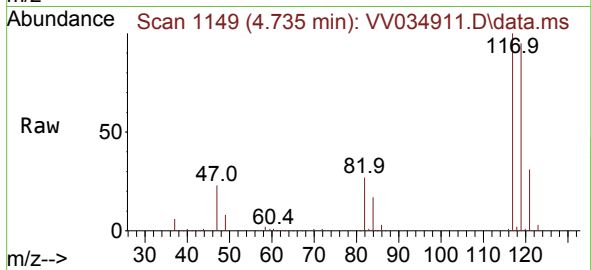




#31
Carbon tetrachloride
Concen: 44.331 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

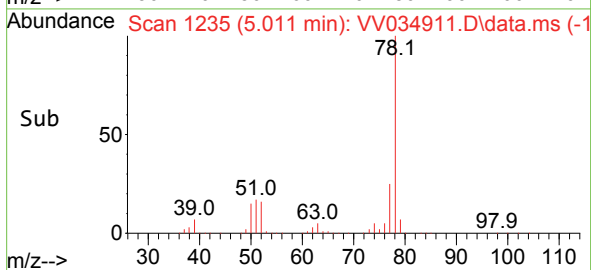
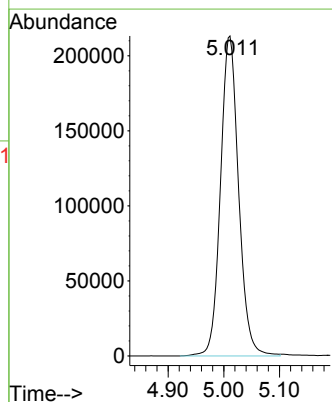
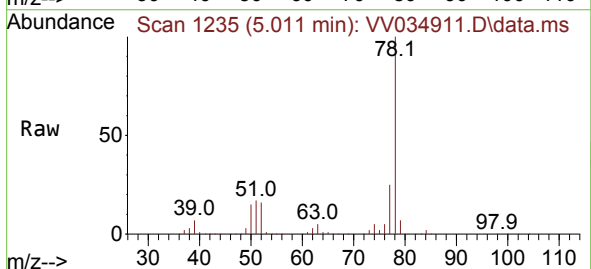
Instrument :
MSVOA_V
ClientSampleId :

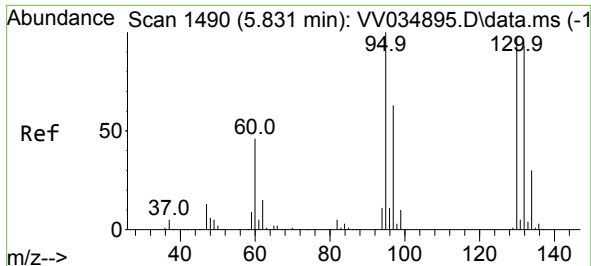
Tgt Ion:117 Resp: 167435
Ion Ratio Lower Upper
117 100
119 95.4 77.1 115.7



#33
Benzene
Concen: 43.296 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

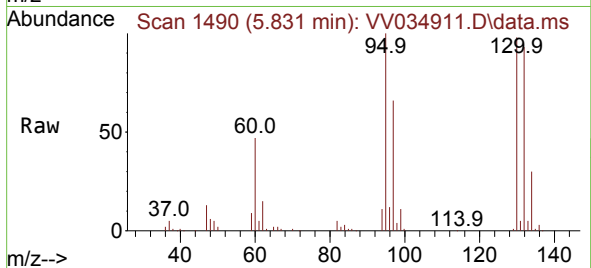
Tgt Ion: 78 Resp: 482645



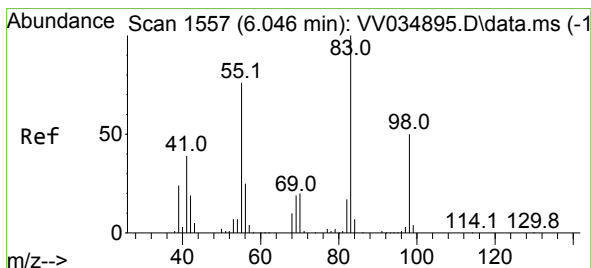
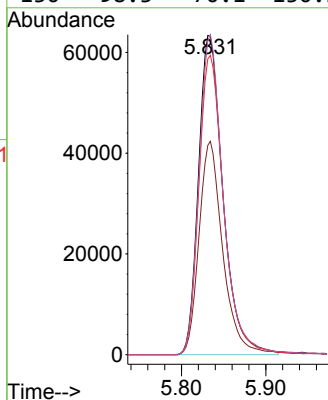
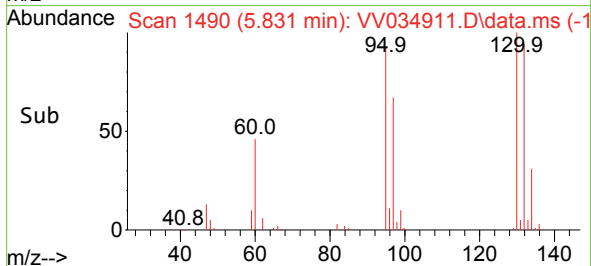


#34
Trichloroethene
Concen: 42.826 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

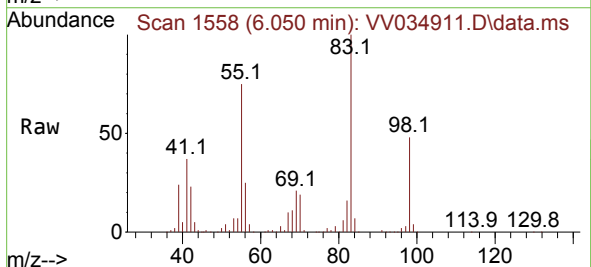
Instrument :
MSVOA_V
ClientSampleId :



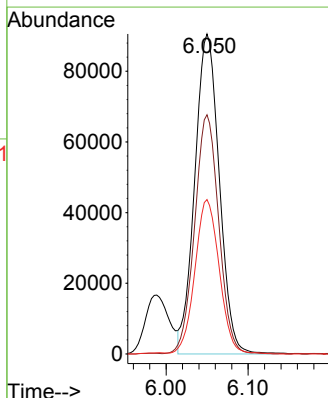
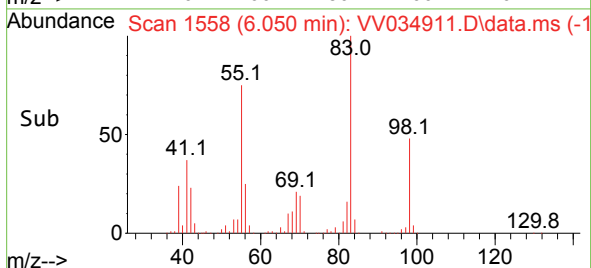
Tgt Ion: 95 Resp: 128841
Ion Ratio Lower Upper
95 100
97 65.6 45.3 84.1
132 92.6 65.3 121.3
130 98.3 70.1 130.3

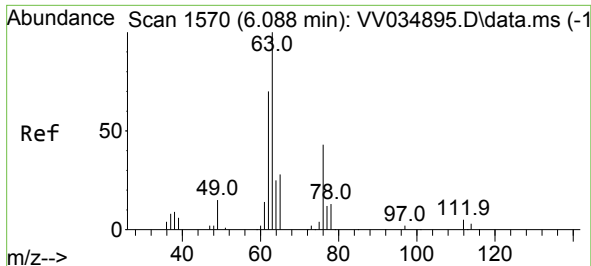


#35
Methylcyclohexane
Concen: 41.462 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25



Tgt Ion: 83 Resp: 188382
Ion Ratio Lower Upper
83 100
55 73.5 60.0 90.0
98 48.1 37.6 56.4





#37

1,2-Dichloropropane

Concen: 44.559 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV034911.D

Acq: 29 Mar 2024 17:25

Instrument :

MSVOA_V

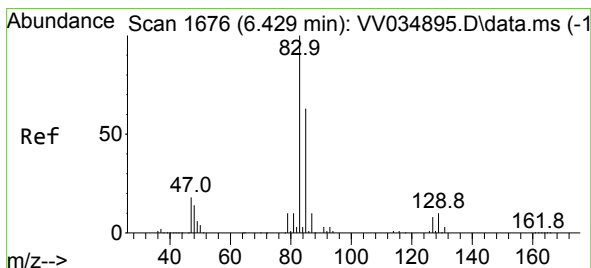
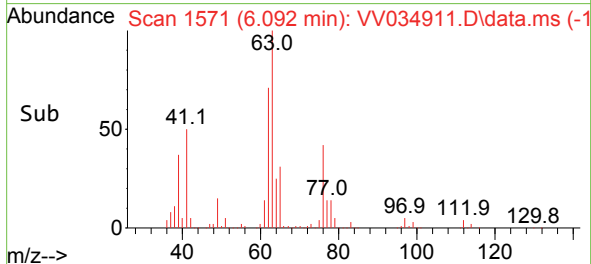
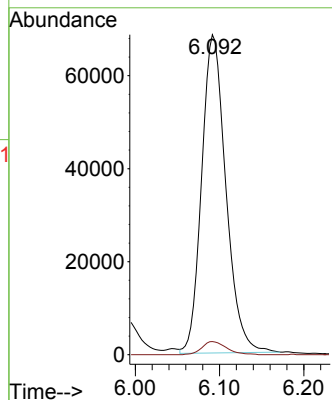
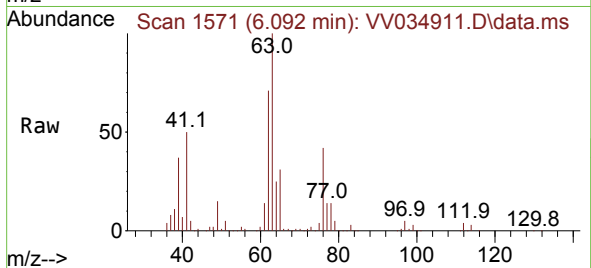
ClientSampleId :

Tgt Ion: 63 Resp: 137273

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 44.387 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV034911.D

Acq: 29 Mar 2024 17:25

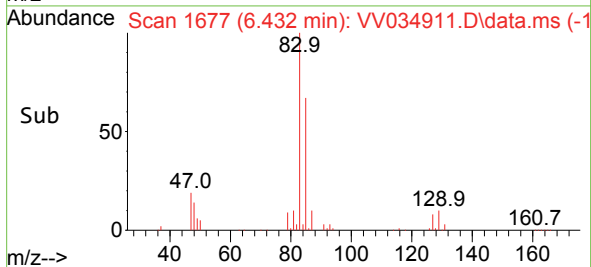
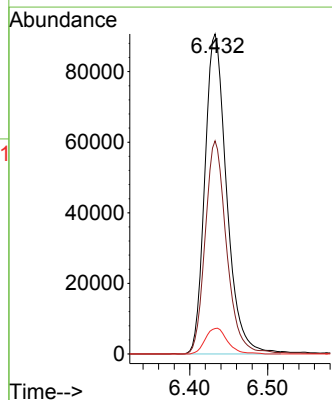
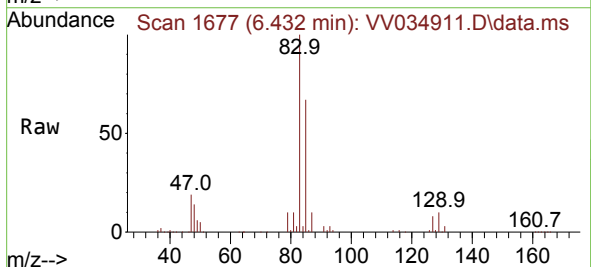
Tgt Ion: 83 Resp: 176431

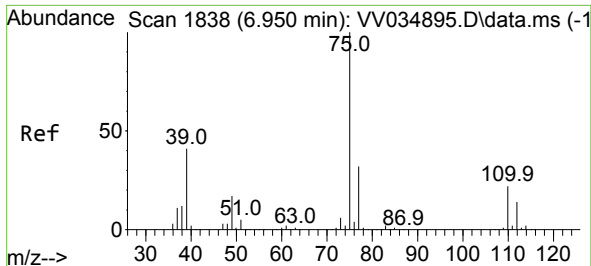
Ion Ratio Lower Upper

83 100

85 66.6 43.7 81.1

127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 43.670 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034911.D

Acq: 29 Mar 2024 17:25

Instrument :

MSVOA_V

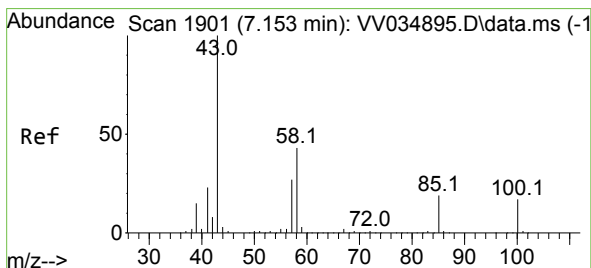
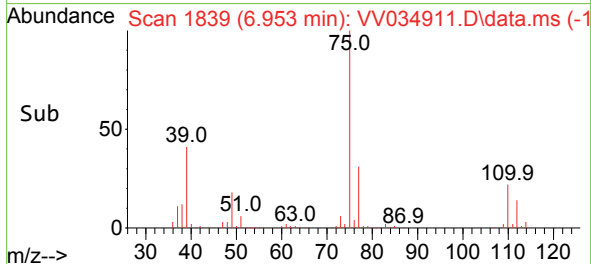
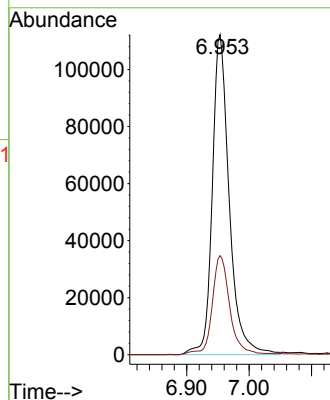
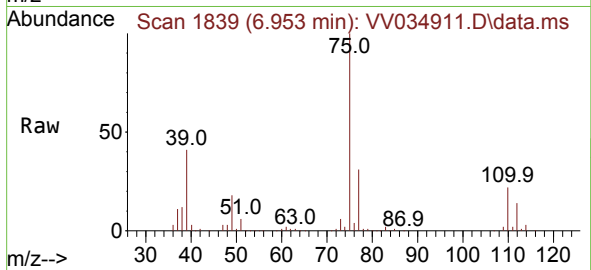
ClientSampleId :

Tgt Ion: 75 Resp: 211931

Ion Ratio Lower Upper

75 100

77 30.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 88.611 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV034911.D

Acq: 29 Mar 2024 17:25

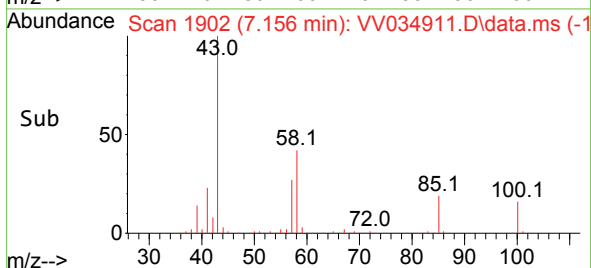
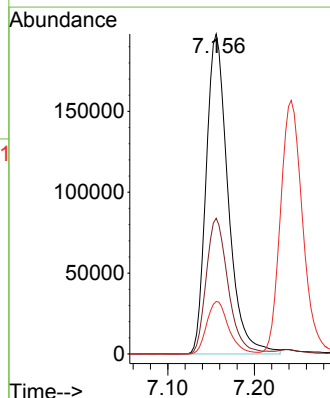
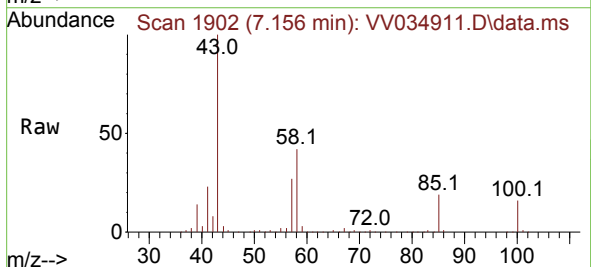
Tgt Ion: 43 Resp: 348534

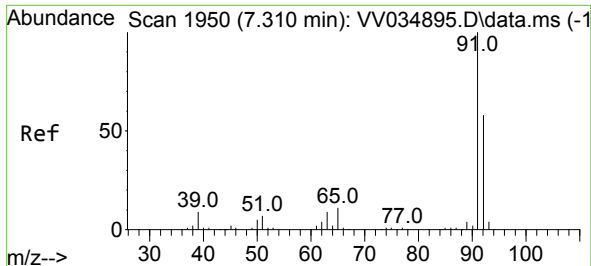
Ion Ratio Lower Upper

43 100

58 42.2 33.8 50.8

100 16.4 13.0 19.4





#42

Toluene

Concen: 43.937 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV034911.D

Acq: 29 Mar 2024 17:25

Instrument :

MSVOA_V

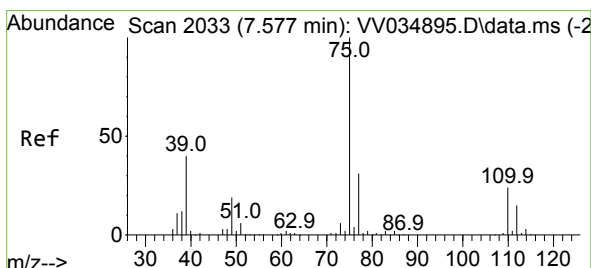
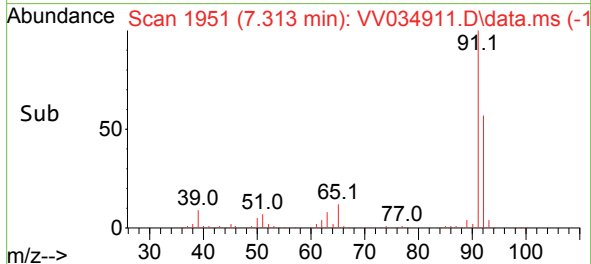
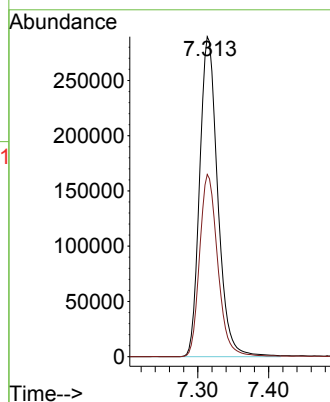
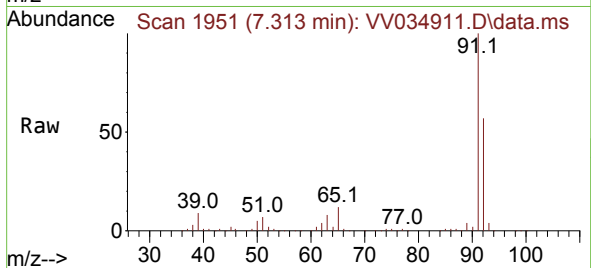
ClientSampleId :

Tgt Ion: 91 Resp: 512781

Ion Ratio Lower Upper

91 100

92 56.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 44.615 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV034911.D

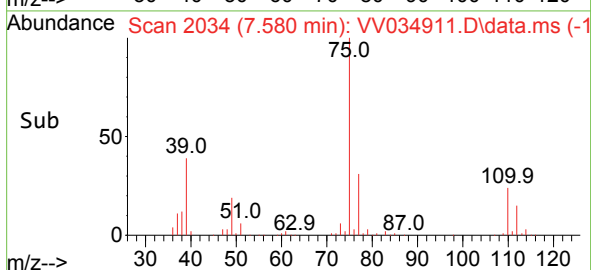
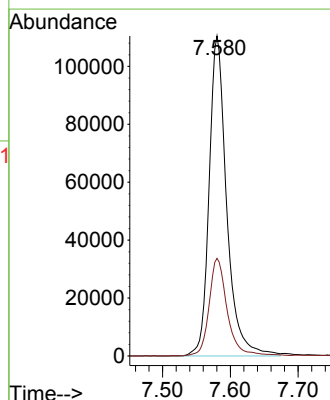
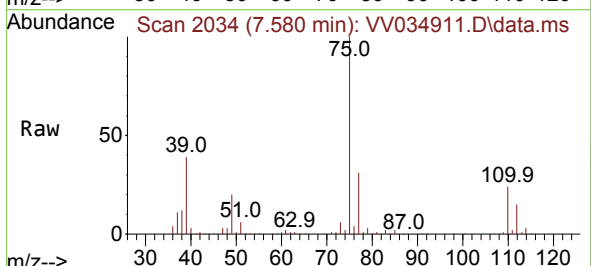
Acq: 29 Mar 2024 17:25

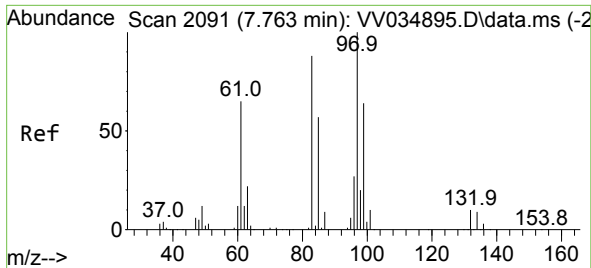
Tgt Ion: 75 Resp: 198920

Ion Ratio Lower Upper

75 100

77 30.5 21.7 40.3

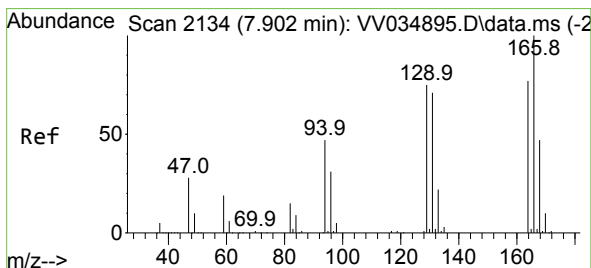
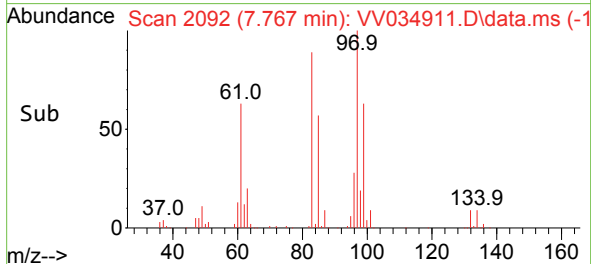
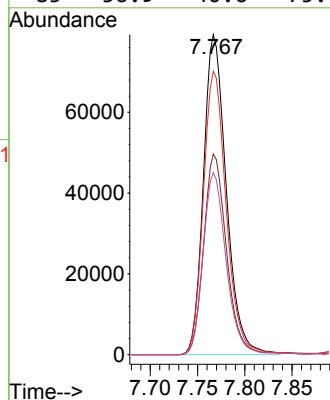
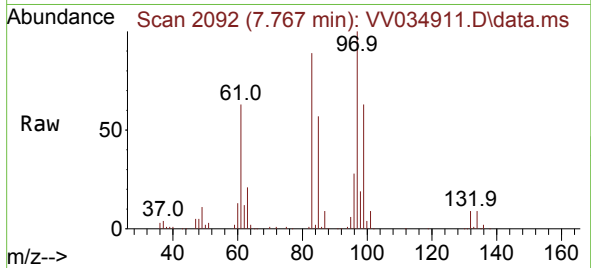




#45
1,1,2-Trichloroethane
Concen: 45.891 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

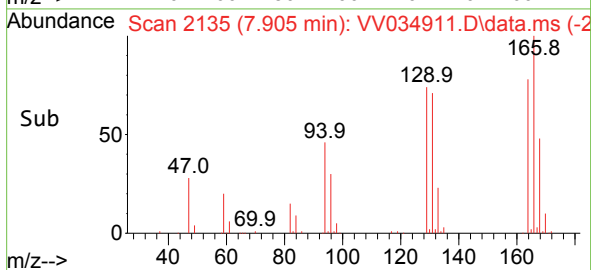
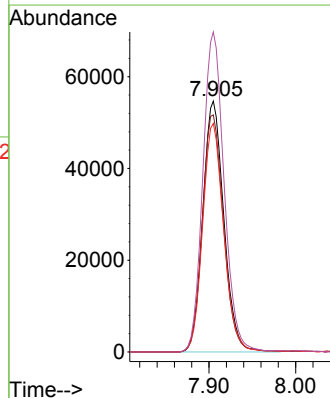
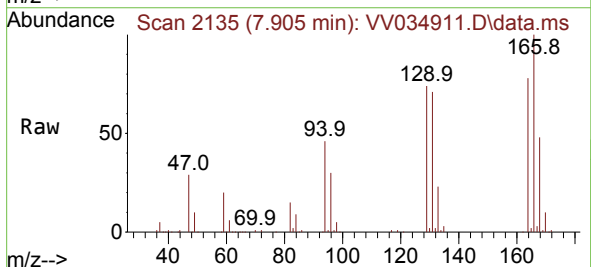
Instrument :
MSVOA_V
ClientSampleId :

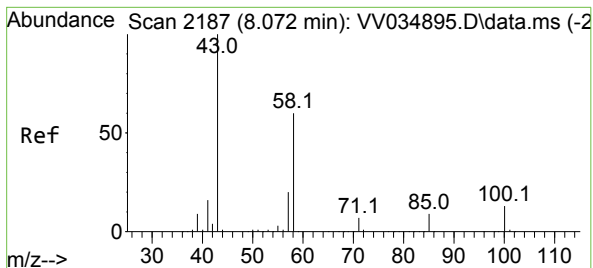
Tgt Ion: 97	Resp: 133251
Ion Ratio	Lower Upper
97 100	
99 62.7	43.3 80.3
83 88.6	61.6 114.4
85 56.9	40.6 75.4



#46
Tetrachloroethene
Concen: 43.932 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion: 164	Resp: 92337
Ion Ratio	Lower Upper
164 100	
129 94.5	68.6 127.4
131 91.0	65.7 122.1
166 127.5	89.0 165.2





#48

2-Hexanone

Concen: 82.639 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

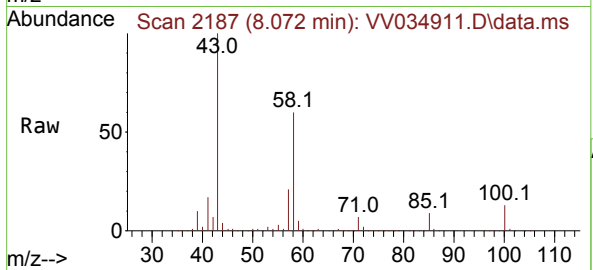
Lab File: VV034911.D

Acq: 29 Mar 2024 17:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 276454

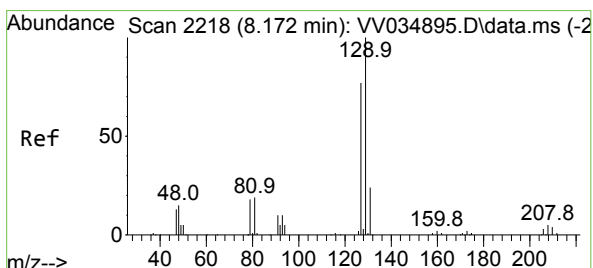
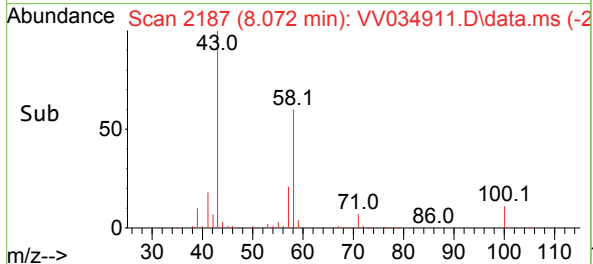
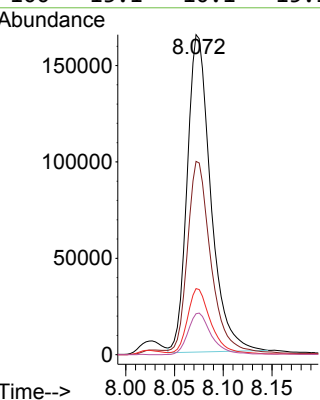
Ion Ratio Lower Upper

43 100

58 61.1 45.4 68.2

57 20.6 16.2 24.4

100 13.1 10.1 15.1



#49

Dibromochloromethane

Concen: 44.994 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV034911.D

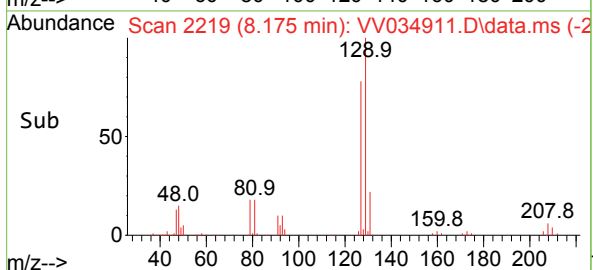
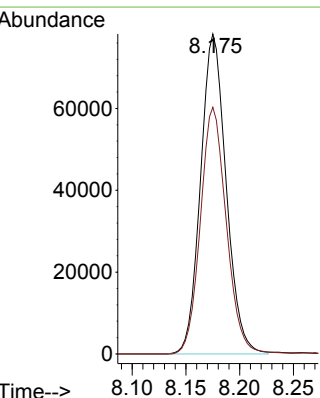
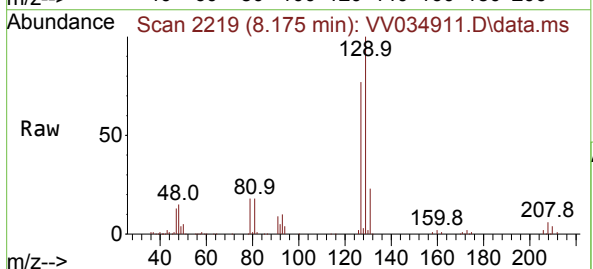
Acq: 29 Mar 2024 17:25

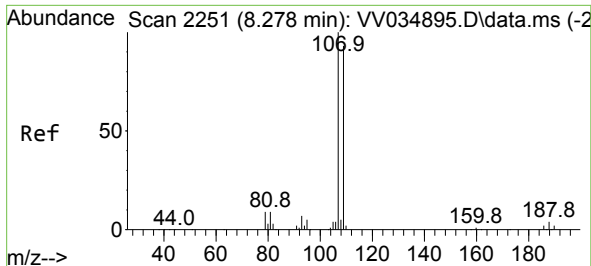
Tgt Ion:129 Resp: 129396

Ion Ratio Lower Upper

129 100

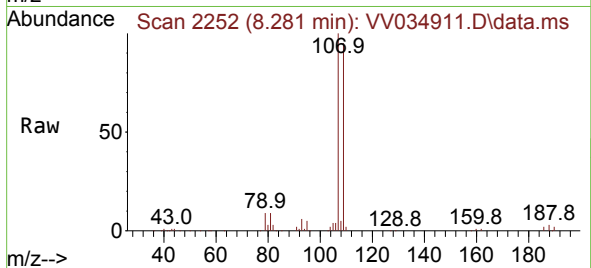
127 77.1 54.1 100.5



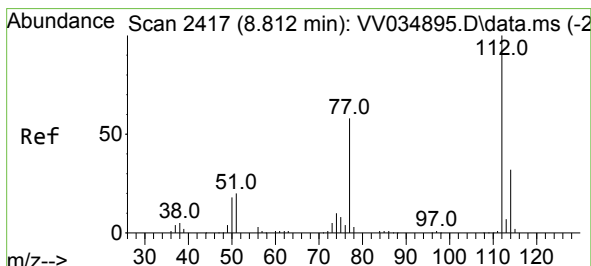
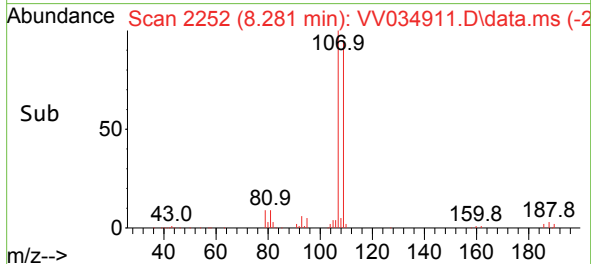
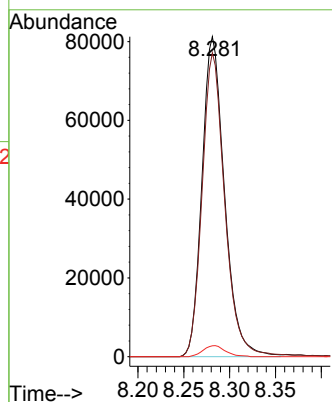


#50
1,2-Dibromoethane
Concen: 44.439 ug/L
RT: 8.281 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Instrument :
MSVOA_V
ClientSampleId :

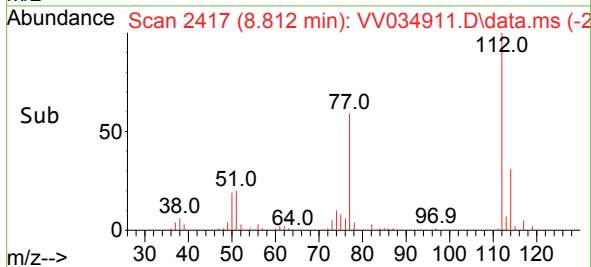
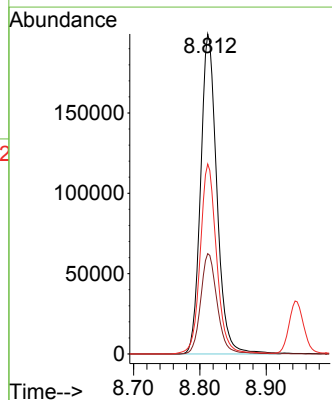
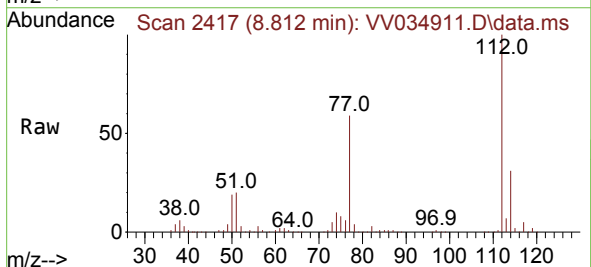


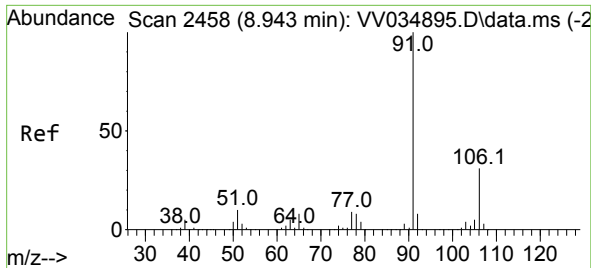
Tgt Ion:107 Resp: 138921
Ion Ratio Lower Upper
107 100
109 94.9 64.5 119.9
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 44.935 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion:112 Resp: 339891
Ion Ratio Lower Upper
112 100
114 31.4 22.0 41.0
77 59.4 47.4 71.2

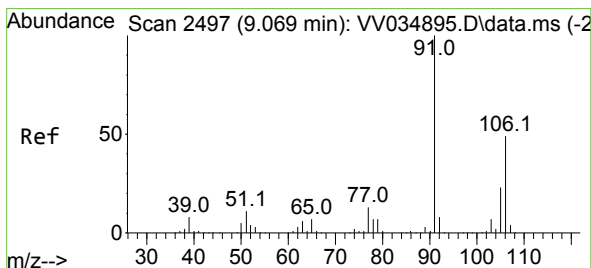
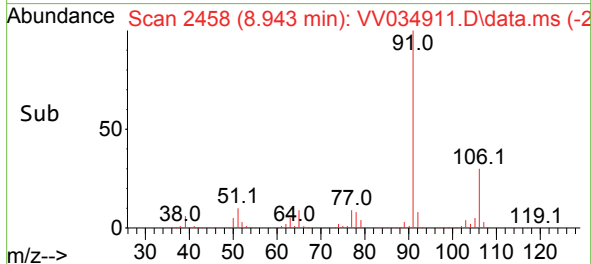
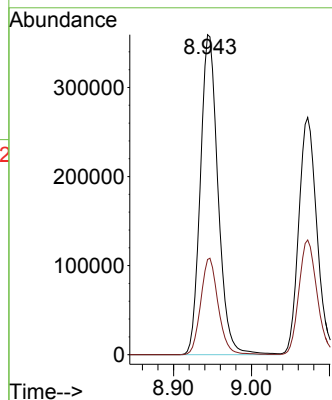
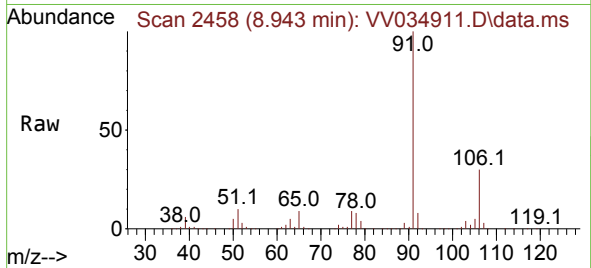




#52
Ethylbenzene
Concen: 43.736 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

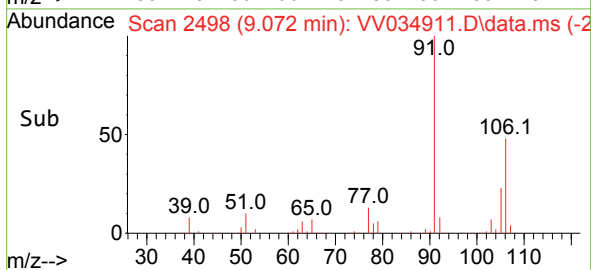
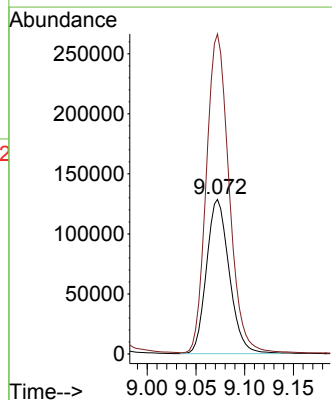
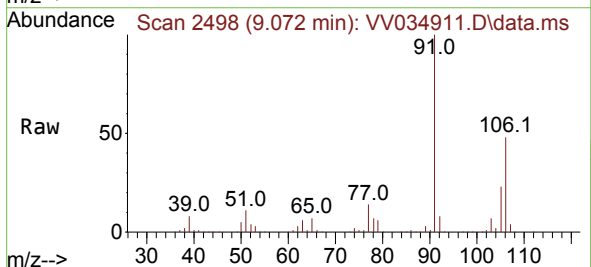
Instrument :
MSVOA_V
ClientSampleId :

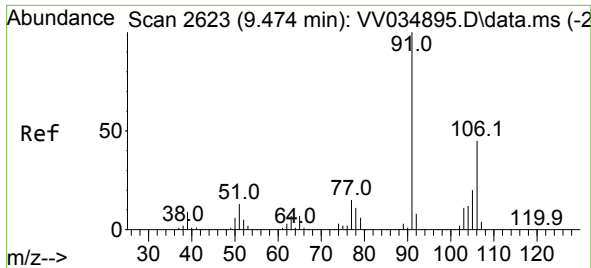
Tgt Ion: 91 Resp: 565708
Ion Ratio Lower Upper
91 100
106 29.7 21.3 39.5



#53
m,p-Xylene
Concen: 43.742 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion: 106 Resp: 208358
Ion Ratio Lower Upper
106 100
91 207.0 144.8 269.0

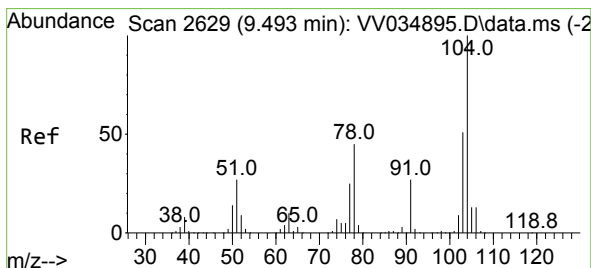
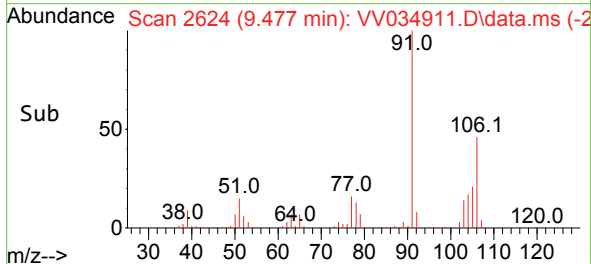
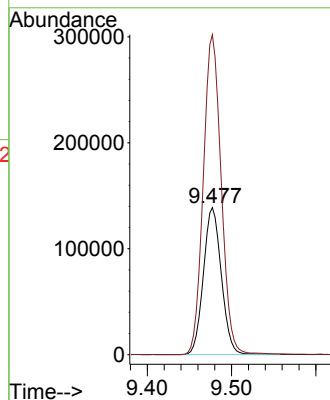
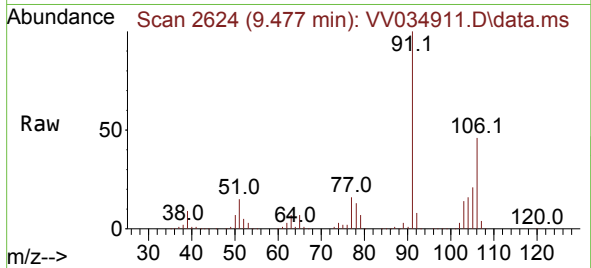




#54
o-Xylene
Concen: 43.819 ug/L
RT: 9.477 min Scan# 206519
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

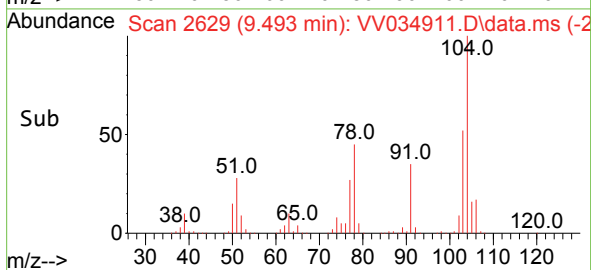
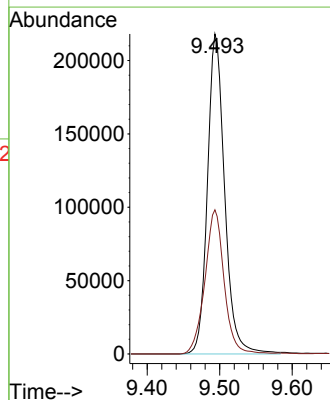
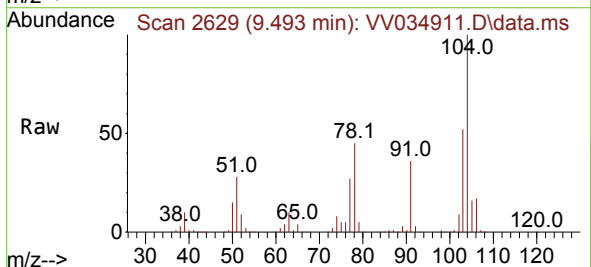
Instrument :
MSVOA_V
ClientSampleId :

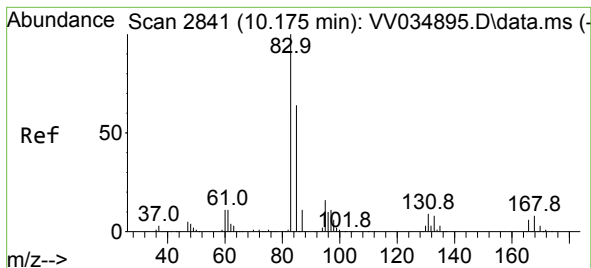
Tgt Ion:106 Resp: 206519
Ion Ratio Lower Upper
106 100
91 217.7 151.3 280.9



#55
Styrene
Concen: 45.231 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion:104 Resp: 360247
Ion Ratio Lower Upper
104 100
78 45.0 31.5 58.5

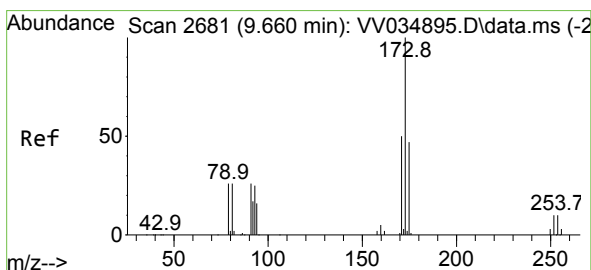
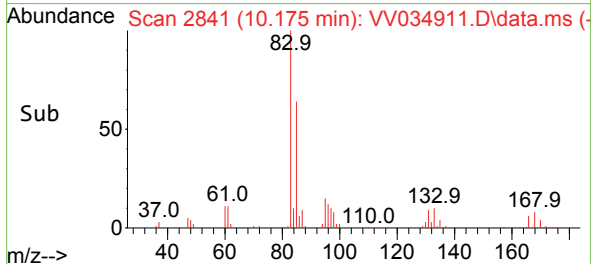
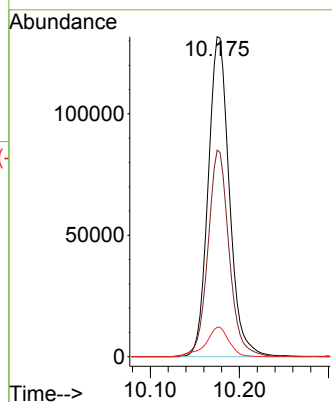
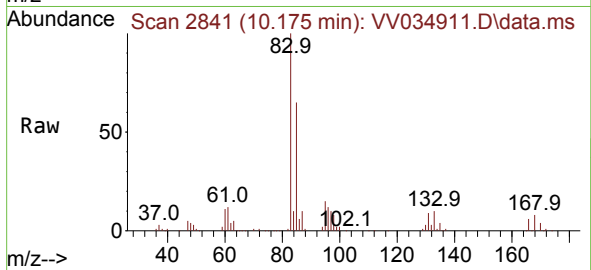




#57
1,1,2,2-Tetrachloroethane
Concen: 46.060 ug/L
RT: 10.175 min Scan# 216693
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

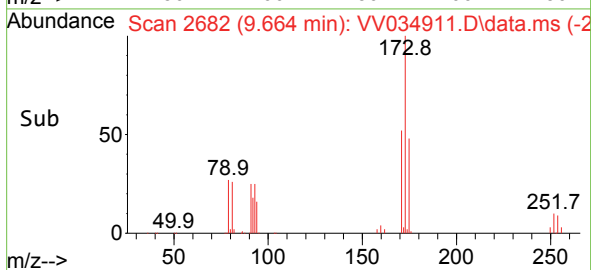
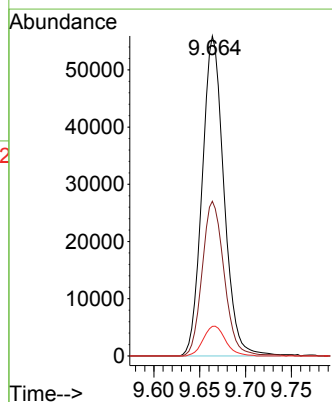
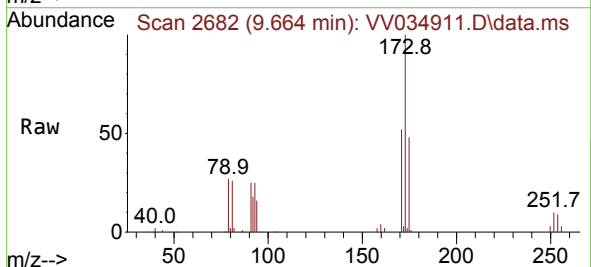
Instrument :
MSVOA_V
ClientSampleId :

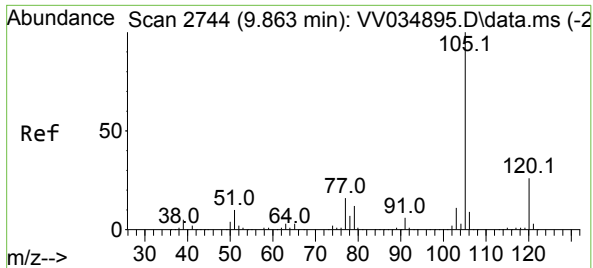
Tgt Ion: 83 Resp: 216693
Ion Ratio Lower Upper
83 100
85 64.6 44.5 82.7
131 9.2 6.9 10.3



#59
Bromoform
Concen: 46.099 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion: 173 Resp: 92354
Ion Ratio Lower Upper
173 100
175 48.7 39.3 58.9
254 9.6 7.5 11.3

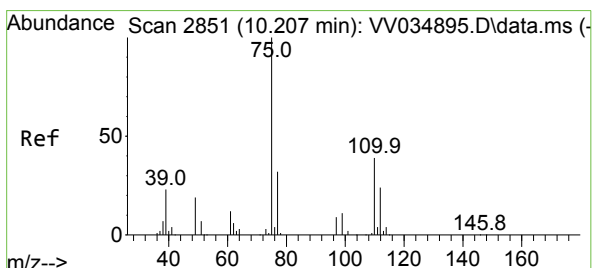
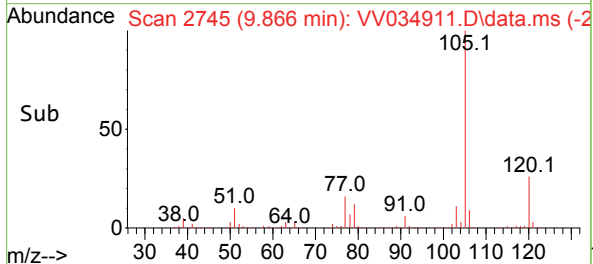
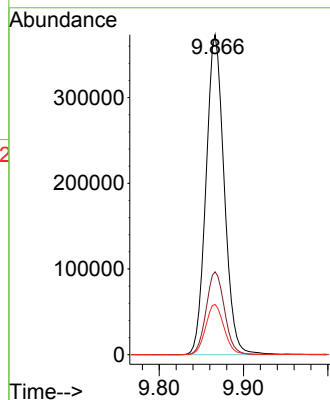
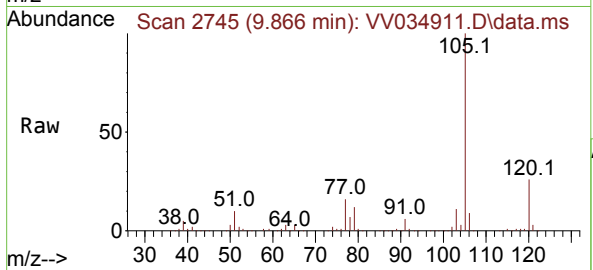




#60
Isopropylbenzene
Concen: 44.490 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

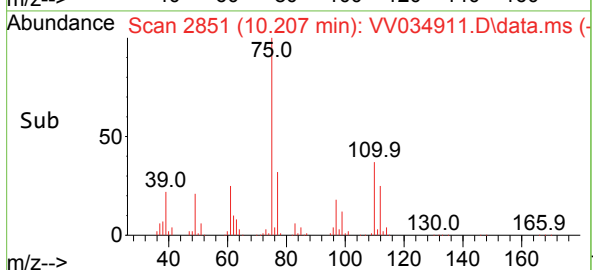
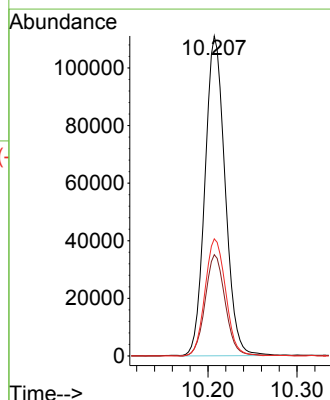
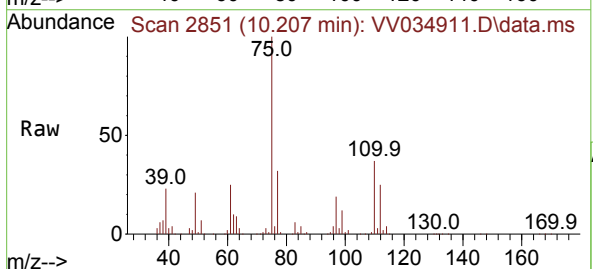
Instrument :
MSVOA_V
ClientSampleId :

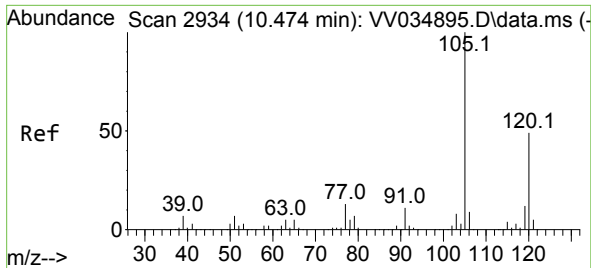
Tgt Ion:105 Resp: 560704
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 16.0 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 45.965 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion: 75 Resp: 174124
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 37.6 30.5 45.7

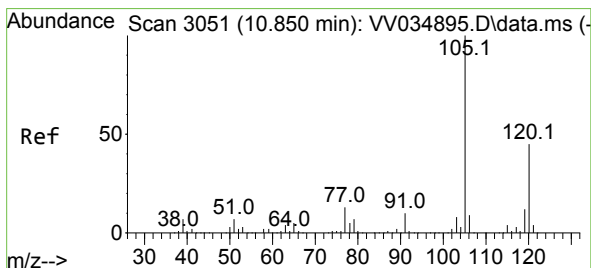
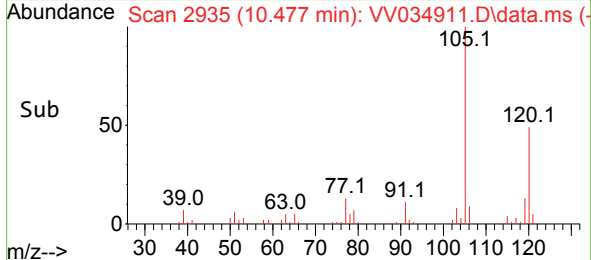
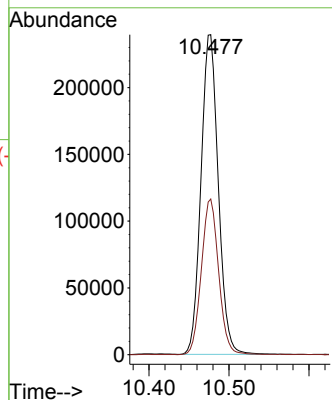
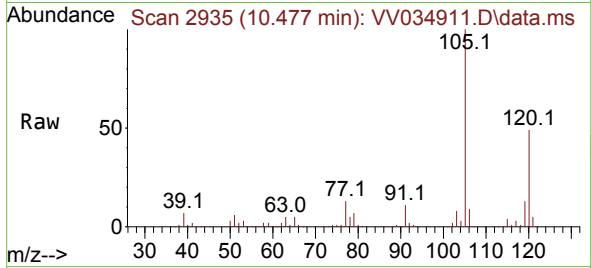




#62
1,3,5-Trimethylbenzene
Concen: 44.106 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

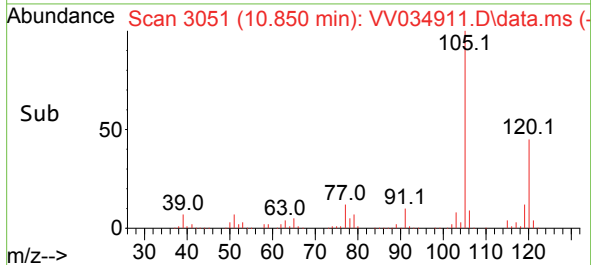
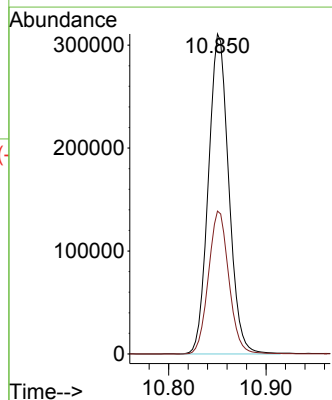
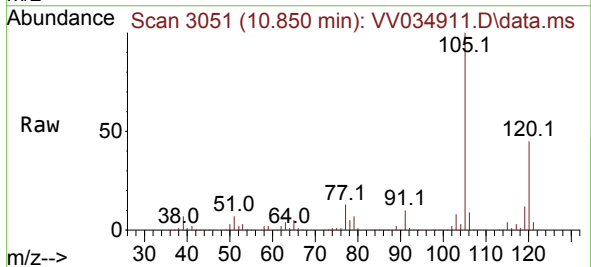
Instrument :
MSVOA_V
ClientSampleId :

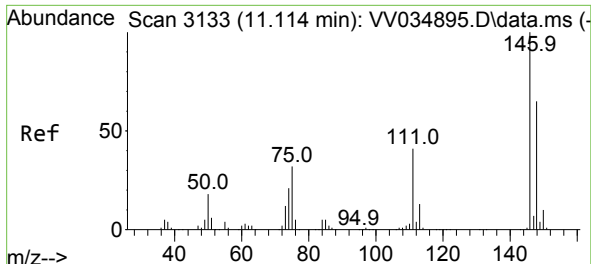
Tgt Ion:105 Resp: 361007
Ion Ratio Lower Upper
105 100
120 48.7 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 44.565 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion:105 Resp: 450985
Ion Ratio Lower Upper
105 100
120 44.9 35.9 53.9

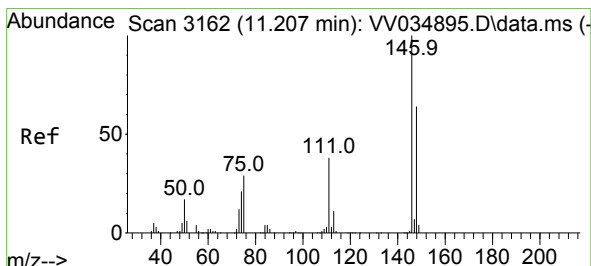
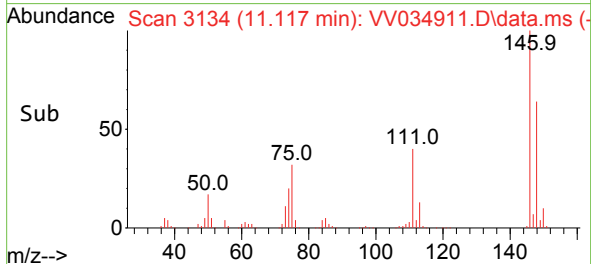
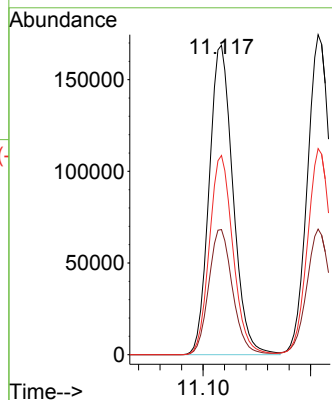
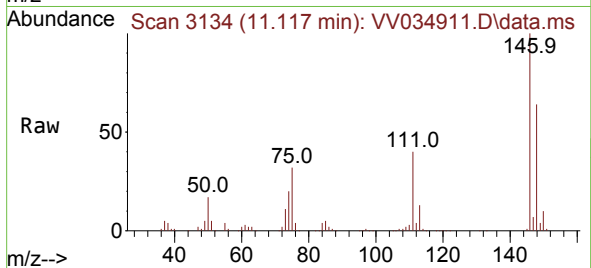




#64
1,3-Dichlorobenzene
Concen: 44.142 ug/L
RT: 11.117 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

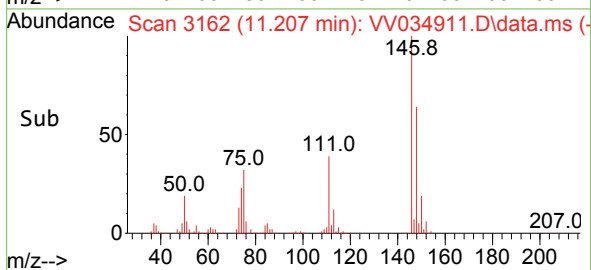
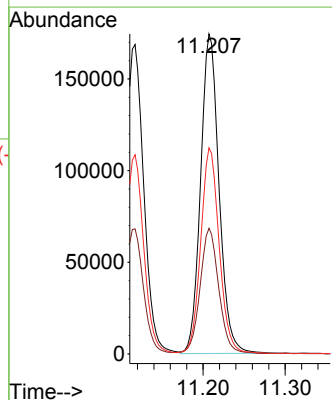
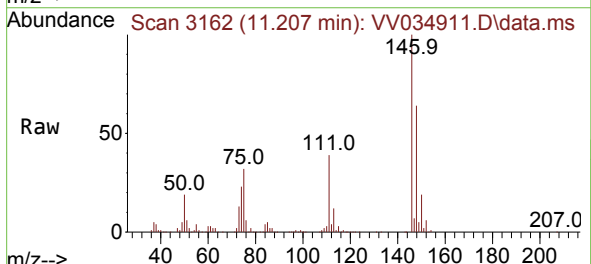
Instrument :
MSVOA_V
ClientSampleId :

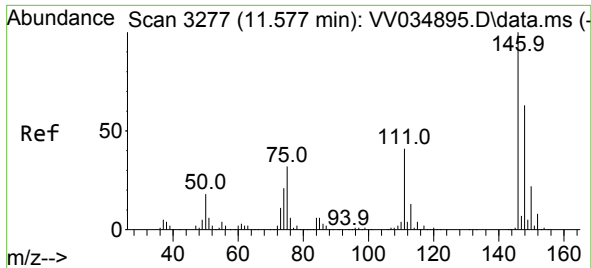
Tgt Ion:146 Resp: 259976
Ion Ratio Lower Upper
146 100
111 40.4 28.7 53.3
148 64.4 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 45.473 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion:146 Resp: 272353
Ion Ratio Lower Upper
146 100
111 39.3 27.4 50.8
148 64.4 44.2 82.2

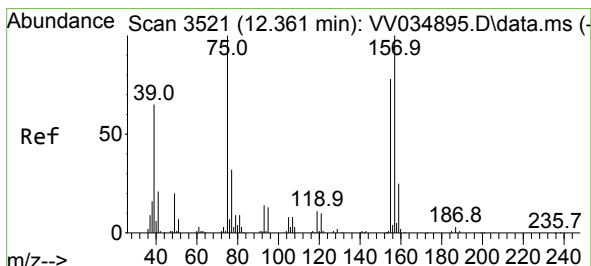
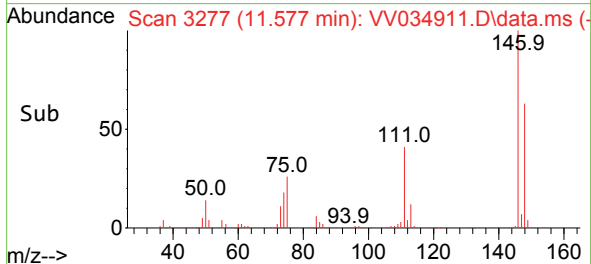
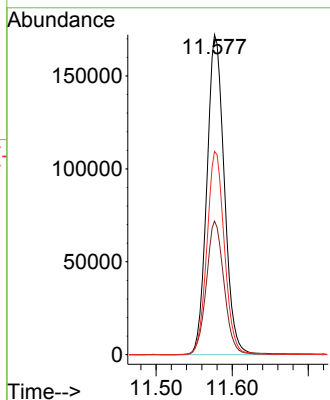
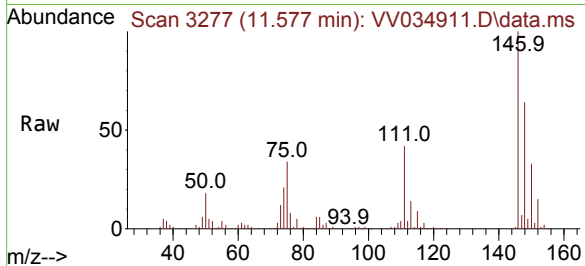




#67
1,2-Dichlorobenzene
Concen: 46.746 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

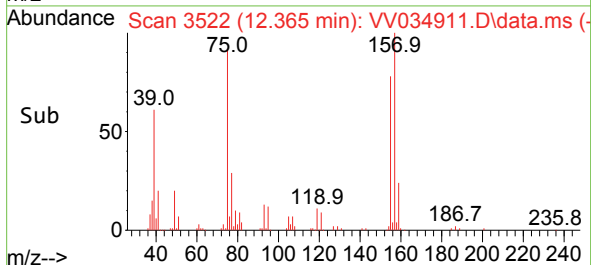
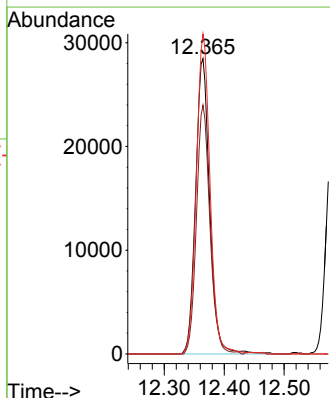
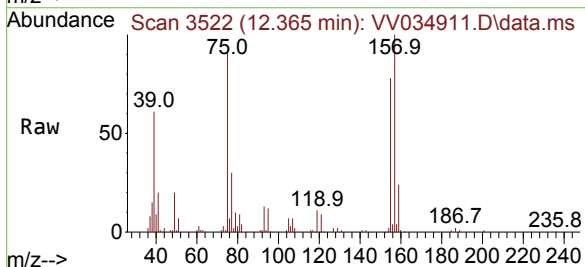
Instrument :
MSVOA_V
ClientSampleId :

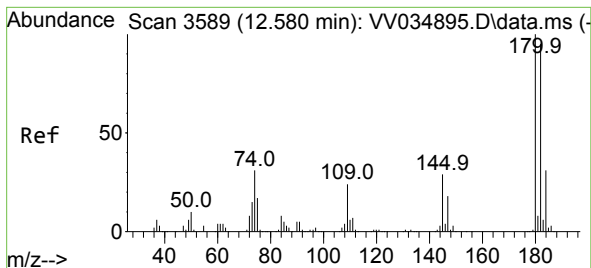
Tgt Ion:146 Resp: 274260
Ion Ratio Lower Upper
146 100
111 41.8 34.6 52.0
148 63.6 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 44.711 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.003 min
Lab File: VV034911.D
Acq: 29 Mar 2024 17:25

Tgt Ion: 75 Resp: 46663
Ion Ratio Lower Upper
75 100
155 84.2 63.0 94.6
157 108.3 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 43.893 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

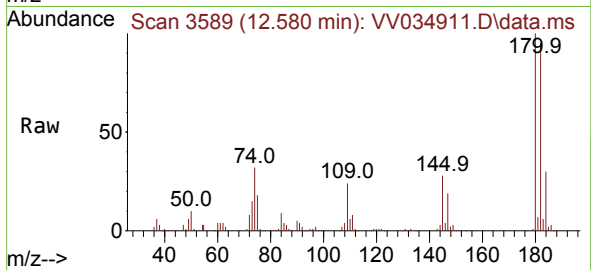
Lab File: VV034911.D

Acq: 29 Mar 2024 17:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 186312

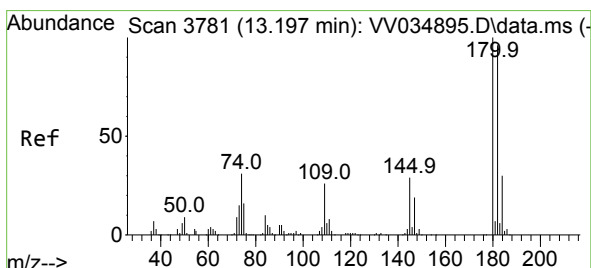
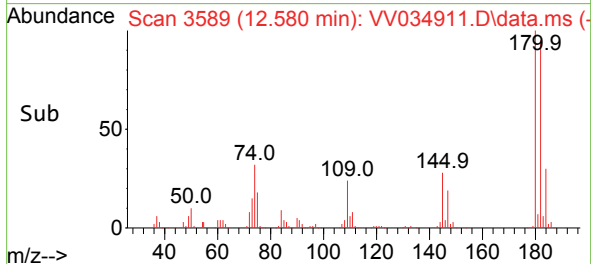
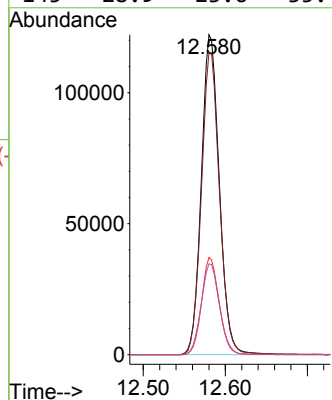
Ion Ratio Lower Upper

180 100

182 94.4 74.7 112.1

184 29.8 24.0 36.0

145 28.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 44.368 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034911.D

Acq: 29 Mar 2024 17:25

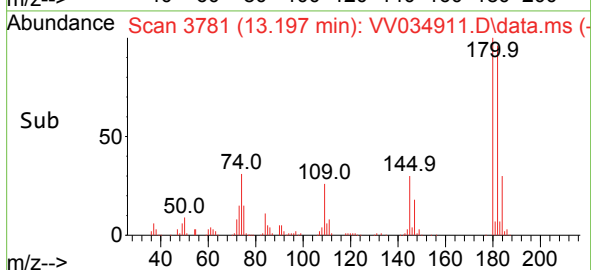
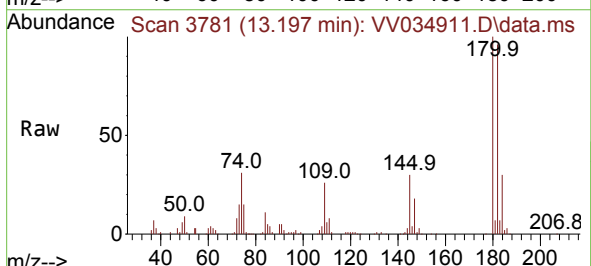
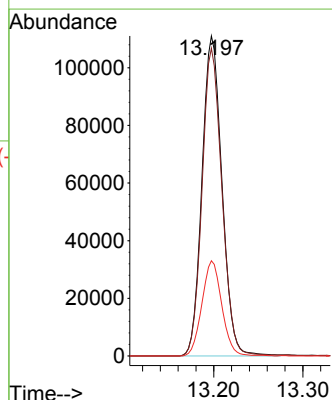
Tgt Ion:180 Resp: 172991

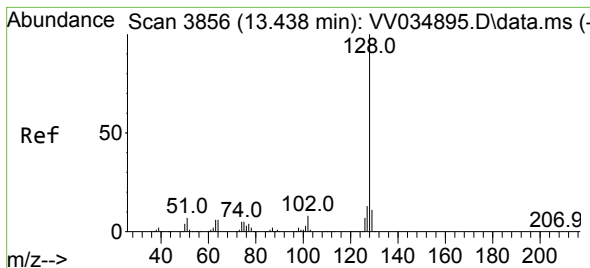
Ion Ratio Lower Upper

180 100

182 95.4 75.6 113.4

145 29.5 24.1 36.1





#71

Naphthalene

Concen: 40.511 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV034911.D

Acq: 29 Mar 2024 17:25

Instrument :

MSVOA_V

ClientSampleId :

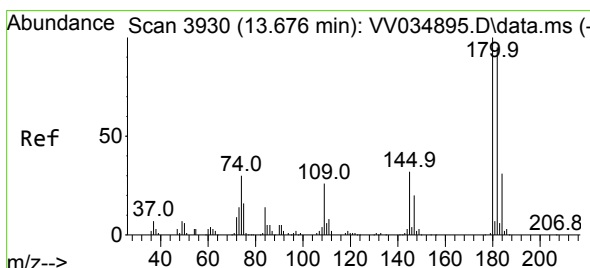
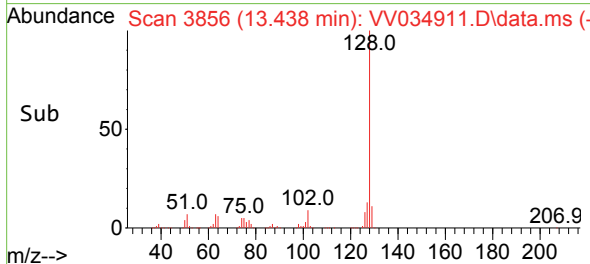
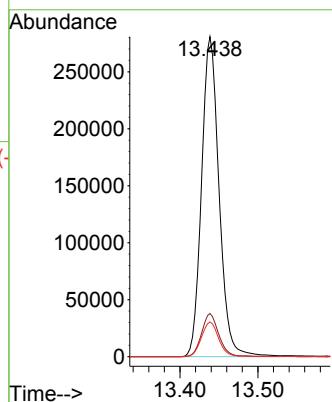
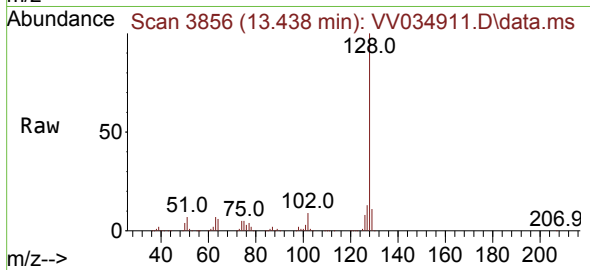
Tgt Ion:128 Resp: 438226

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 45.762 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034911.D

Acq: 29 Mar 2024 17:25

Tgt Ion:180 Resp: 175879

Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

145 31.8 25.8 38.6

