

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035418.D
 Acq On : 26 Apr 2024 10:23
 Operator : SY/MD
 Sample : VSTD05043
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 00:03:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:01:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	560187	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	551663	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	307530	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	222234	49.364	ug/L	0.00
7) Chloroethane-d5	1.529	69	145716	56.492	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	90154	48.997	ug/L	0.00
21) 2-Butanone-d5	3.793	46	228748	99.598	ug/L	0.00
24) Chloroform-d	4.243	84	374445	49.429	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	222582	50.445	ug/L	0.00
32) Benzene-d6	4.953	84	749482	51.698	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	226489	50.636	ug/L	0.00
41) Toluene-d8	7.239	98	695202	53.204	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	107949	51.590	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	133189	105.559	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	322458	50.580	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	264882	49.231	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	203568	49.428	ug/L	100
3) Chloromethane	1.217	50	206502	49.412	ug/L	100
5) Vinyl chloride	1.285	62	219683	49.829	ug/L	100
6) Bromomethane	1.487	94	128888	49.917	ug/L	100
8) Chloroethane	1.545	64	109519	56.272	ug/L	100
9) Trichlorofluoromethane	1.706	101	295387	49.606	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	184242	49.386	ug/L	100
12) 1,1-Dichloroethene	2.066	96	162199	49.006	ug/L	100
13) Acetone	2.124	43	283973	103.573	ug/L	100
14) Carbon disulfide	2.236	76	456780	49.685	ug/L	100
15) Methyl Acetate	2.375	43	203384	48.913	ug/L	100
16) Methylene chloride	2.442	84	203943	48.721	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	178075	50.045	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	616243	51.419	ug/L	100
19) 1,1-Dichloroethane	3.108	63	368321	50.004	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	204769	51.153	ug/L	100
22) 2-Butanone	3.873	43	305556	100.496	ug/L	100
23) Bromochloromethane	4.140	128	109092	48.973	ug/L	100
25) Chloroform	4.268	83	380575	49.986	ug/L	100
27) 1,2-Dichloroethane	5.034	62	285367	51.039	ug/L	100
29) Cyclohexane	4.577	56	270801	53.378	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	318700	50.781	ug/L	100
31) Carbon tetrachloride	4.728	117	277224	50.559	ug/L	100
33) Benzene	5.005	78	772574	52.336	ug/L	100
34) Trichloroethene	5.828	95	205093	51.227	ug/L	100
35) Methylcyclohexane	6.047	83	307028	53.003	ug/L	100
37) 1,2-Dichloropropane	6.088	63	216272	52.478	ug/L	100
38) Bromodichloromethane	6.429	83	283764	50.992	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	317933	52.123	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	536895	109.093	ug/L	100
42) Toluene	7.310	91	831305	53.740	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	315621	53.904	ug/L	100

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 MSVOA_V
 ClientSampleId :

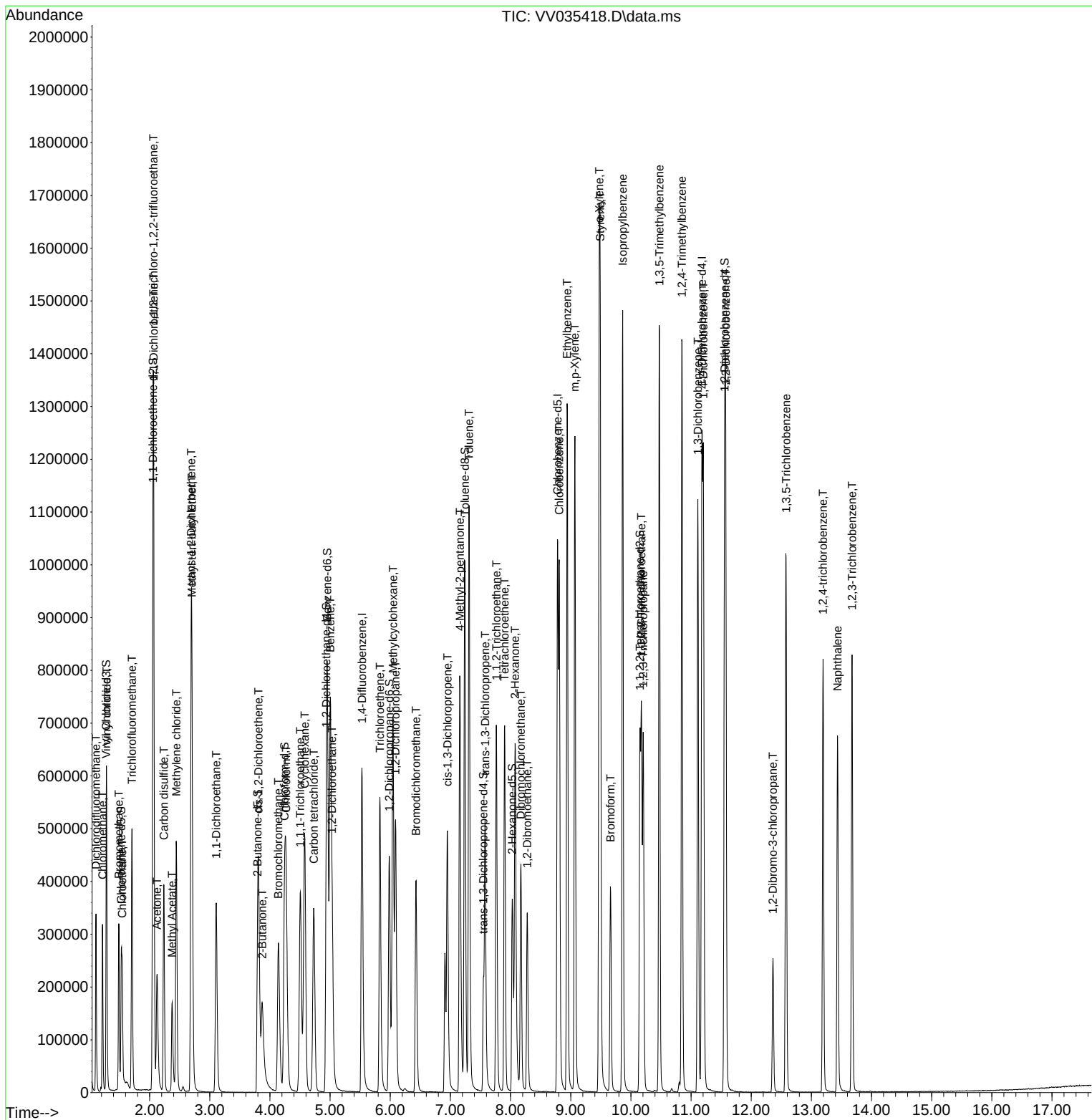
Quant Time: Apr 27 00:03:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:01:52 2024
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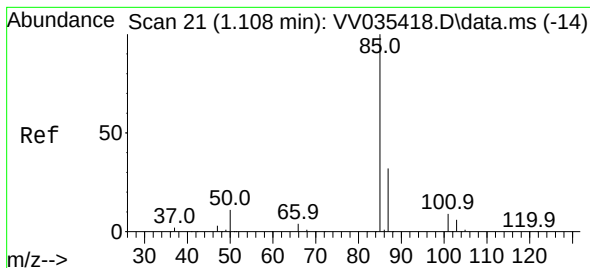
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.764	97	218112	50.681	ug/L	100
46) Tetrachloroethene	7.902	164	162345	51.690	ug/L	100
48) 2-Hexanone	8.075	43	455215	109.738	ug/L	100
49) Dibromochloromethane	8.172	129	226388	51.458	ug/L	100
50) 1,2-Dibromoethane	8.278	107	227505	51.962	ug/L	100
51) Chlorobenzene	8.809	112	556447	51.013	ug/L	100
52) Ethylbenzene	8.940	91	910164	53.846	ug/L	100
53) m,p-Xylene	9.069	106	348198	54.431	ug/L	100
54) o-Xylene	9.474	106	336408	53.780	ug/L	100
55) Styrene	9.490	104	610341	56.578	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	356286	50.929	ug/L	100
59) Bromoform	9.661	173	177394	48.588	ug/L	100
60) Isopropylbenzene	9.863	105	924661	52.409	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	280019	48.646	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	761712	53.591	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	764145	54.912	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	466021	50.988	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	474468	49.492	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	461362	49.822	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	63708	48.920	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	326638	50.440	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	257260	50.043	ug/L	100
71) Naphthalene	13.435	128	544351	48.892	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	257341	51.374	ug/L	100

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

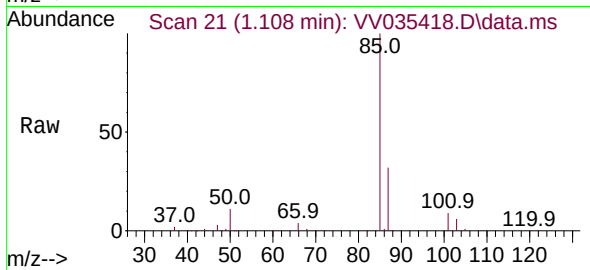
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
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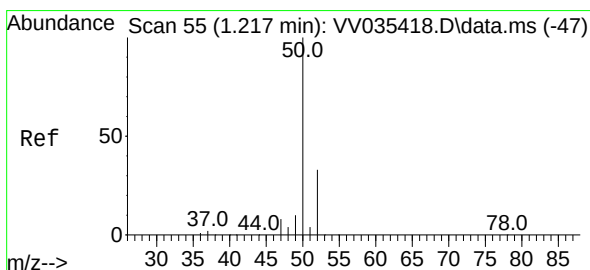
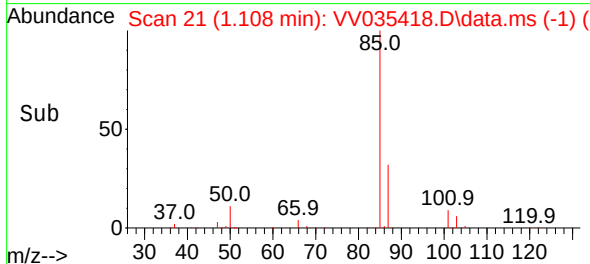
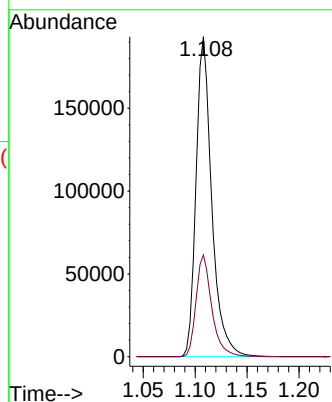


#2
 Dichlorodifluoromethane
 Concen: 49.428 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035418.D
 Acq: 26 Apr 2024 10:23

Instrument :
 MSVOA_V
 ClientSampleId :

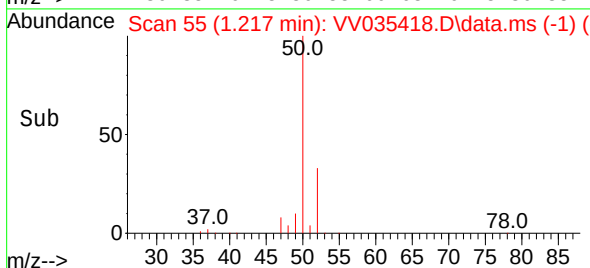
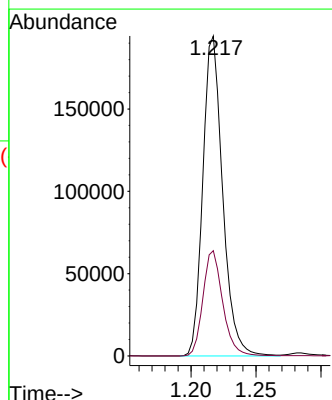
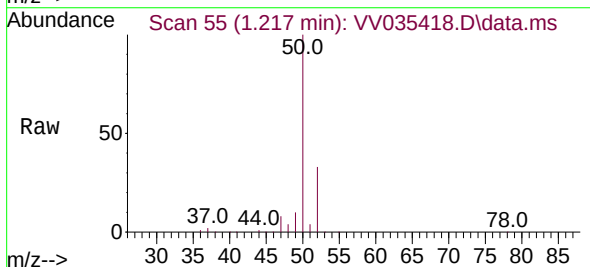


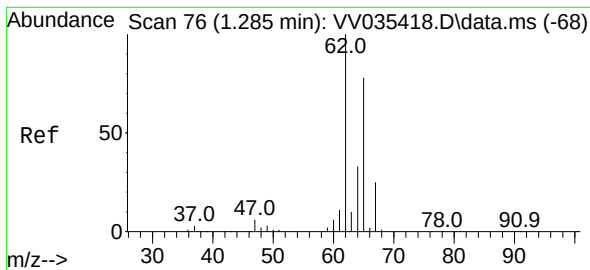
Tgt Ion: 85 Resp: 203568
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.4 38.2



#3
 Chloromethane
 Concen: 49.412 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV035418.D
 Acq: 26 Apr 2024 10:23

Tgt Ion: 50 Resp: 206502
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.8





#5

Vinyl chloride

Concen: 49.829 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

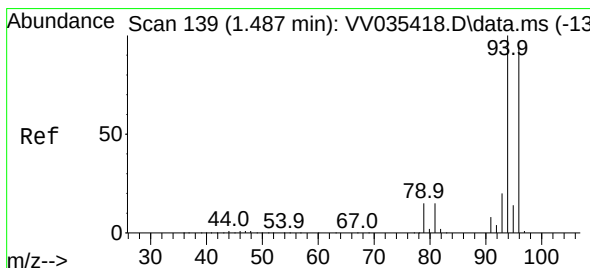
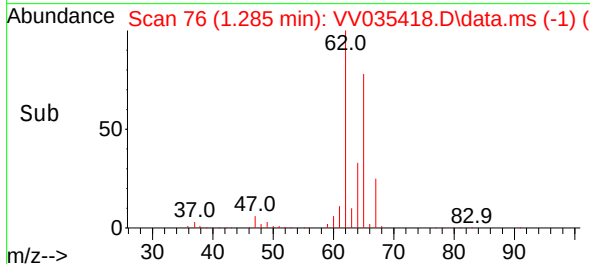
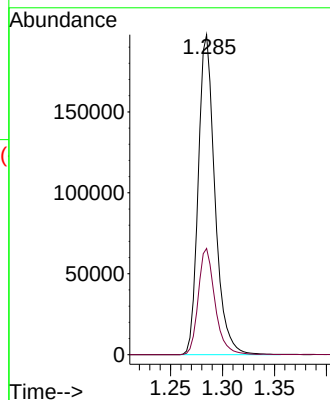
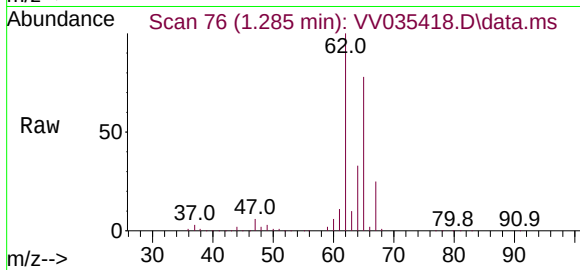
ClientSampleId :

Tgt Ion: 62 Resp: 219683

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.2



#6

Bromomethane

Concen: 49.917 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035418.D

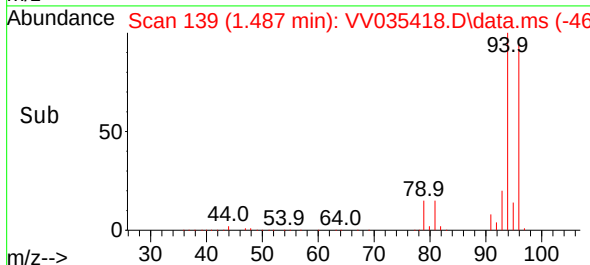
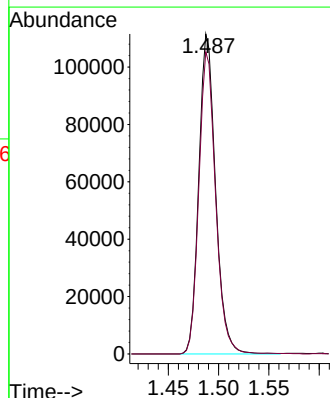
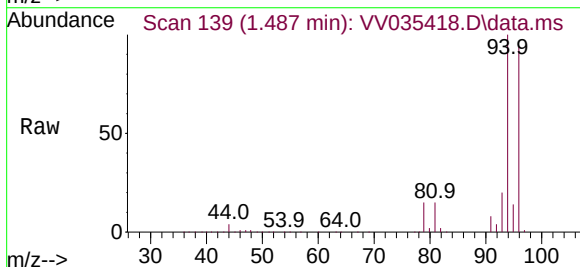
Acq: 26 Apr 2024 10:23

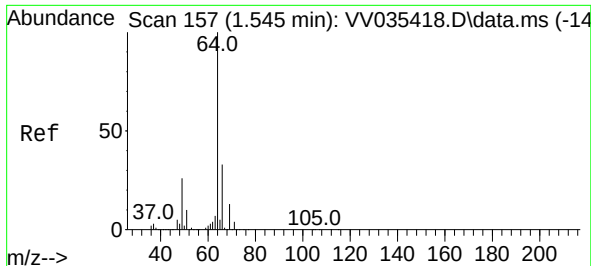
Tgt Ion: 94 Resp: 128888

Ion Ratio Lower Upper

94 100

96 94.4 66.1 122.7

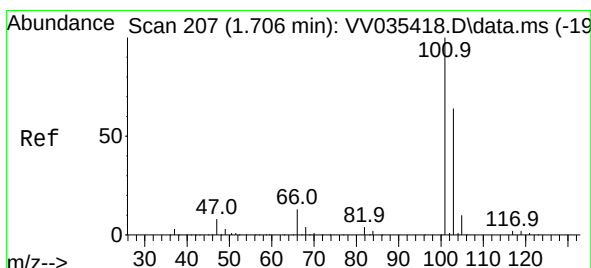
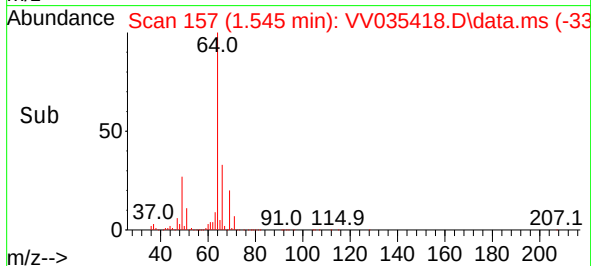
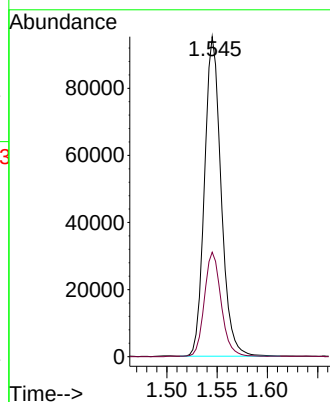
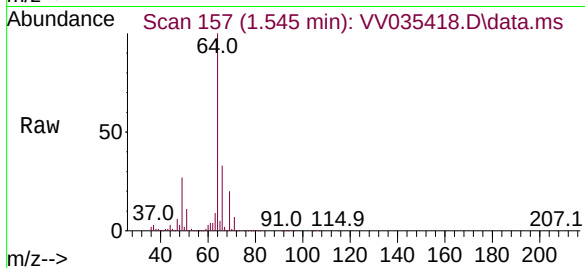




#8
Chloroethane
Concen: 56.272 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

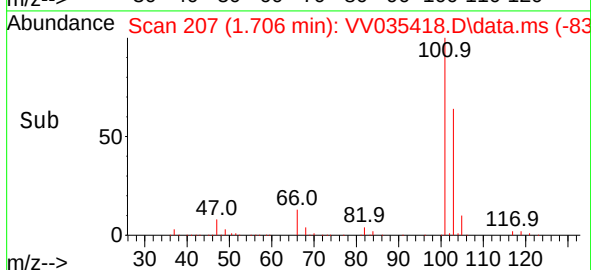
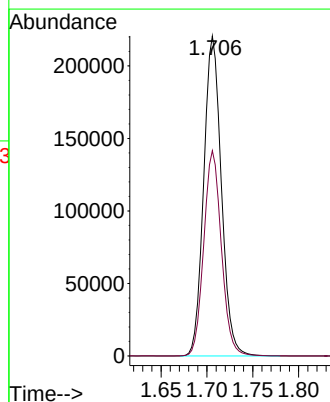
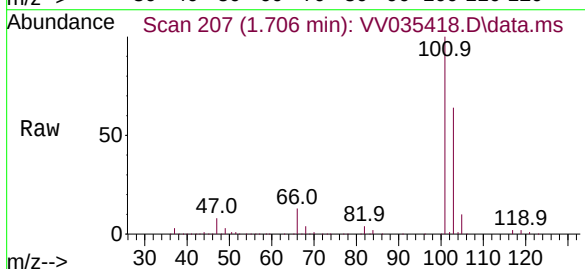
Instrument :
MSVOA_V
ClientSampleId :

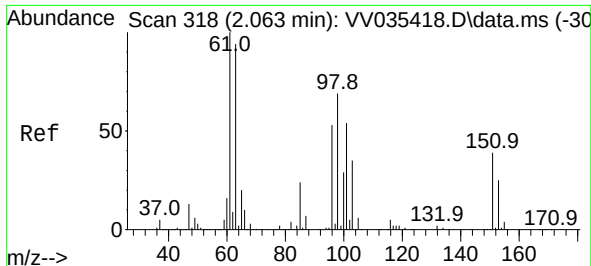
Tgt Ion: 64 Resp: 109519
Ion Ratio Lower Upper
64 100
66 32.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 49.606 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

Tgt Ion:101 Resp: 295387
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

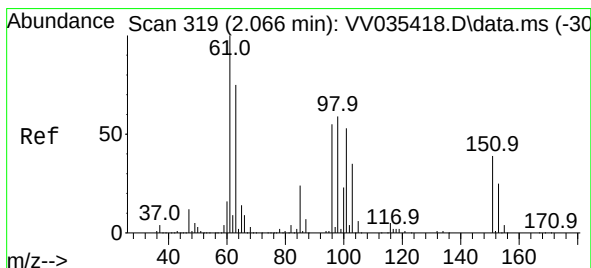
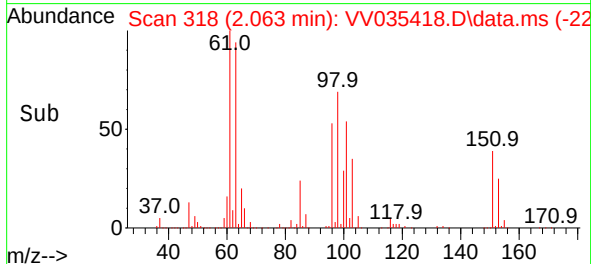
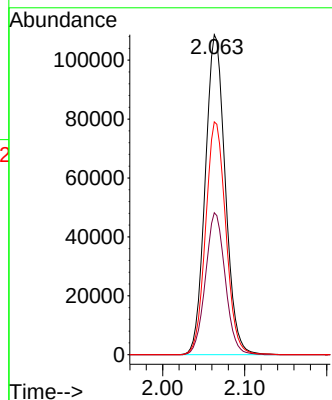
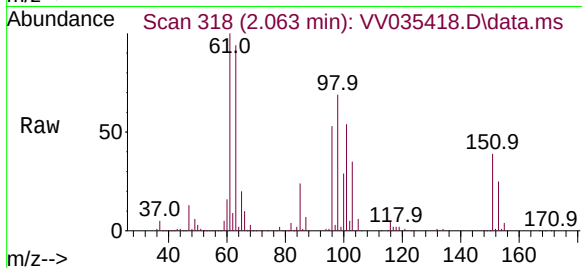




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.386 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

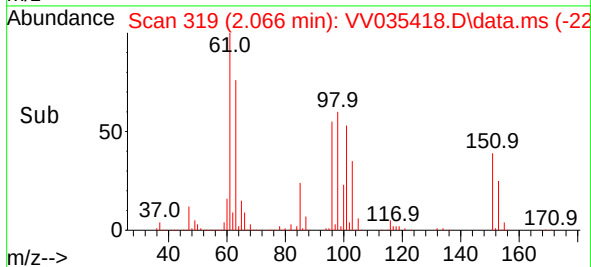
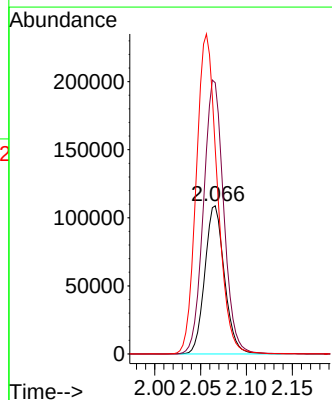
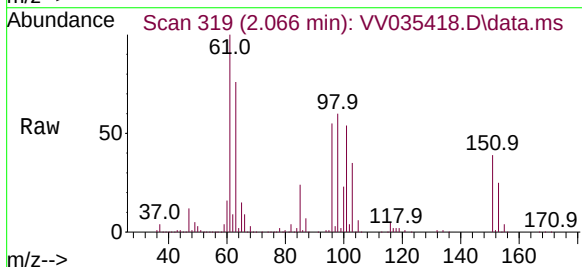
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MSVOA_V
ClientSampleId :

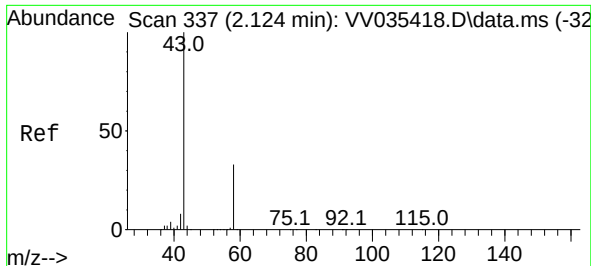
Tgt Ion:101 Resp: 184242
Ion Ratio Lower Upper
101 100
85 43.8 35.0 52.6
151 73.2 58.6 87.8



#12
1,1-Dichloroethene
Concen: 49.006 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

Tgt Ion: 96 Resp: 162199
Ion Ratio Lower Upper
96 100
61 183.1 128.2 238.0
63 138.4 96.9 179.9





#13

Acetone

Concen: 103.573 ug/L

RT: 2.124 min Scan# 337

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

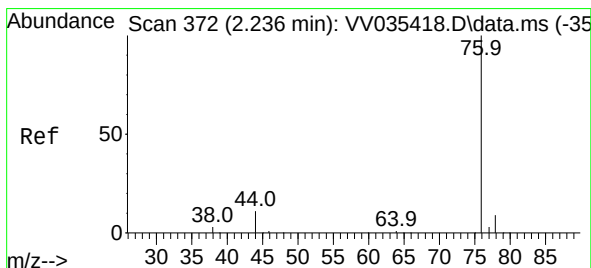
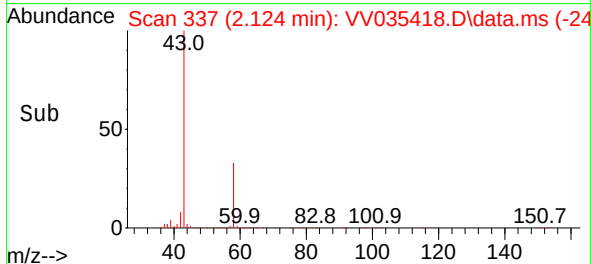
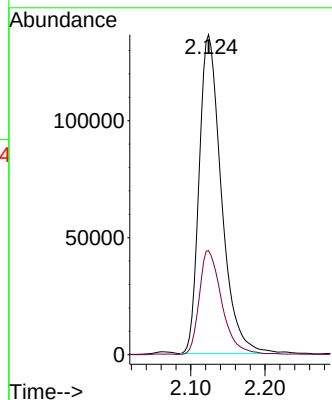
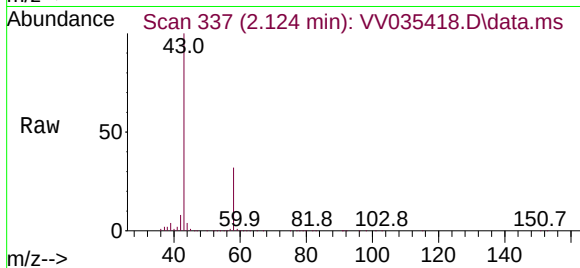
ClientSampleId :

Tgt Ion: 43 Resp: 283973

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.8



#14

Carbon disulfide

Concen: 49.685 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035418.D

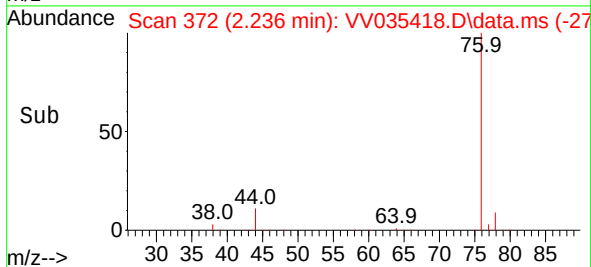
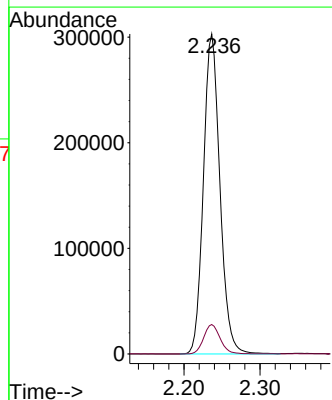
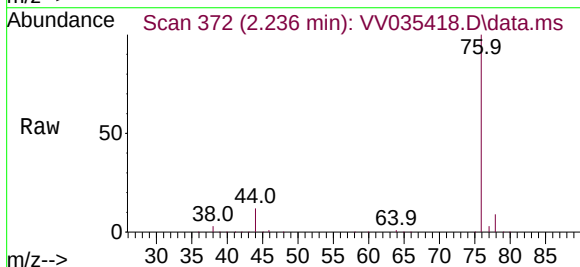
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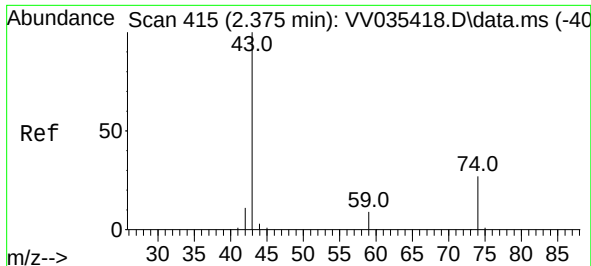
Tgt Ion: 76 Resp: 456780

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 48.913 ug/L

RT: 2.375 min Scan# 415

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

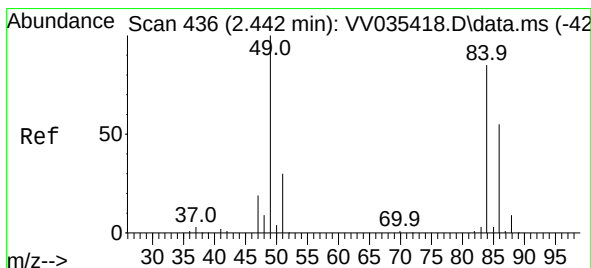
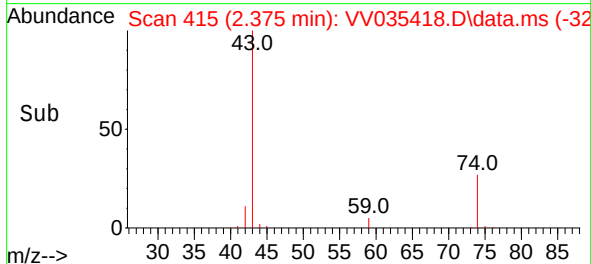
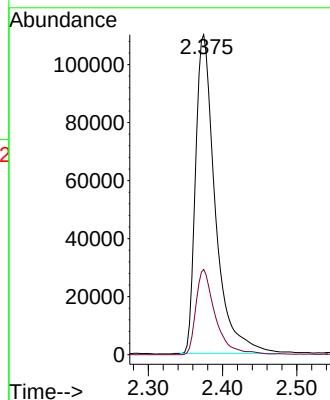
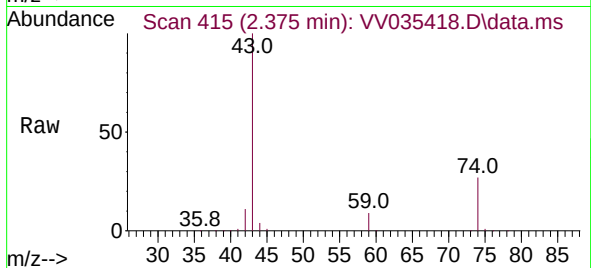
ClientSampleId :

Tgt Ion: 43 Resp: 203384

Ion Ratio Lower Upper

43 100

74 25.7 20.6 30.8



#16

Methylene chloride

Concen: 48.721 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

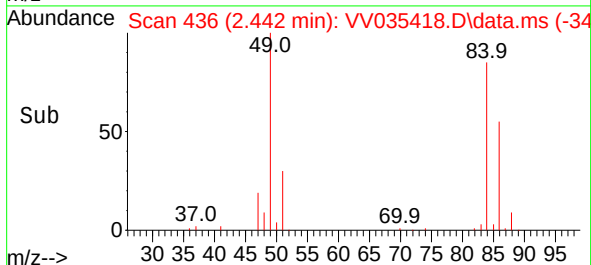
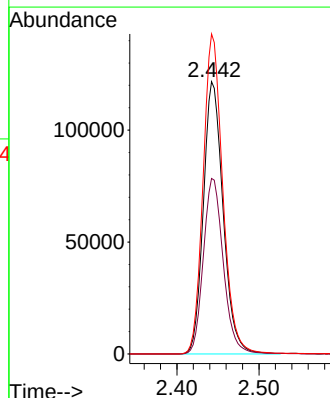
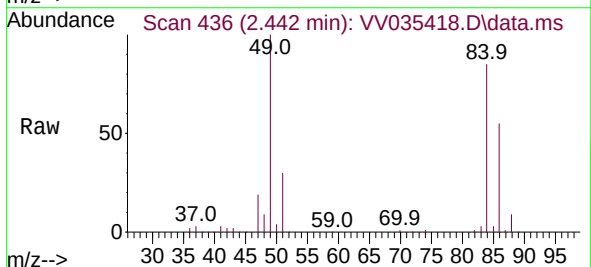
Tgt Ion: 84 Resp: 203943

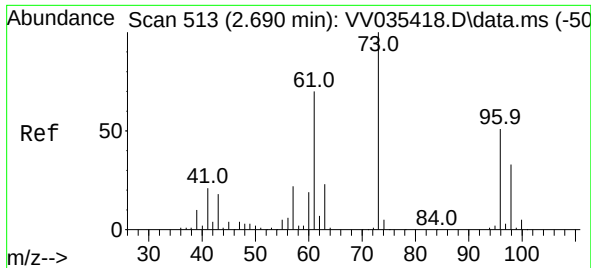
Ion Ratio Lower Upper

84 100

86 64.5 45.1 83.9

49 117.5 82.3 152.8





#17

trans-1,2-Dichloroethene

Concen: 50.045 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

ClientSampleId :

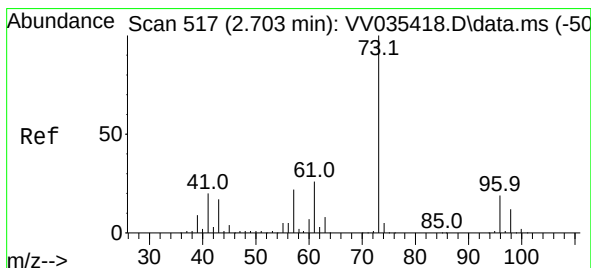
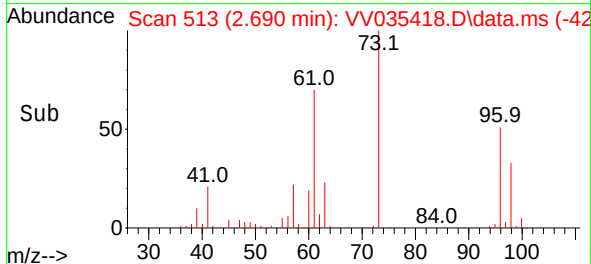
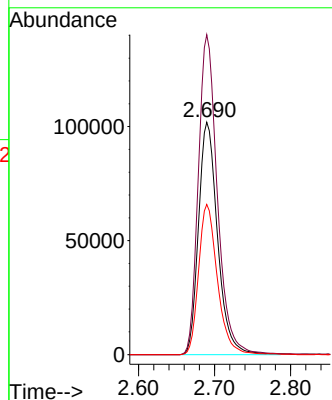
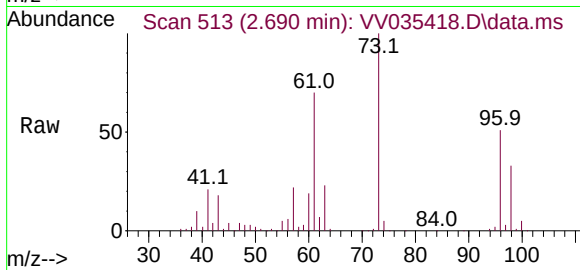
Tgt Ion: 96 Resp: 178075

Ion Ratio Lower Upper

96 100

61 137.7 96.4 179.0

98 64.6 45.2 84.0



#18

Methyl tert-butyl Ether

Concen: 51.419 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

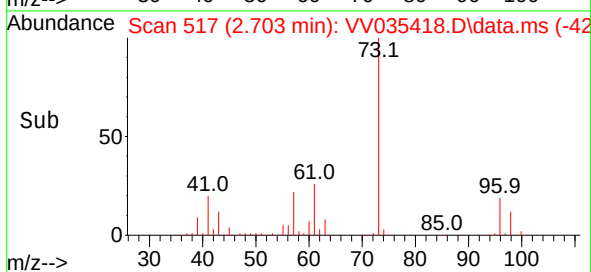
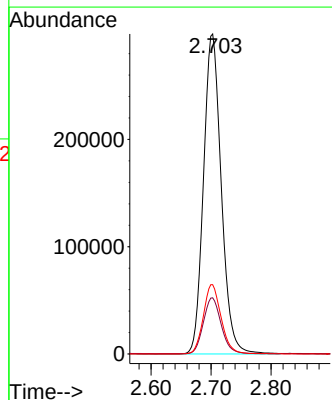
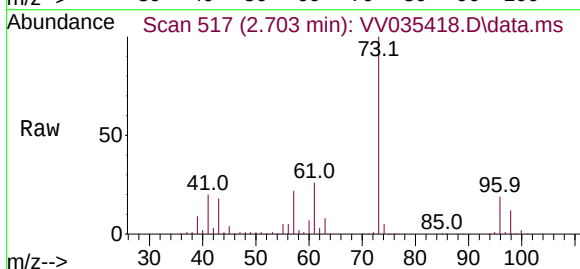
Tgt Ion: 73 Resp: 616243

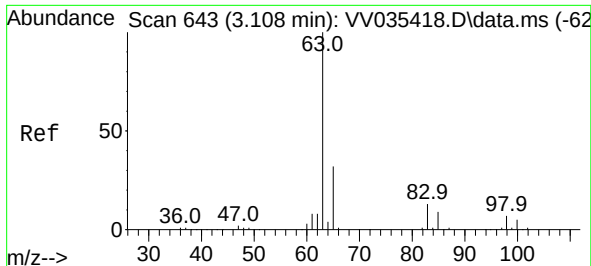
Ion Ratio Lower Upper

73 100

43 17.4 13.9 20.9

57 21.7 17.4 26.0

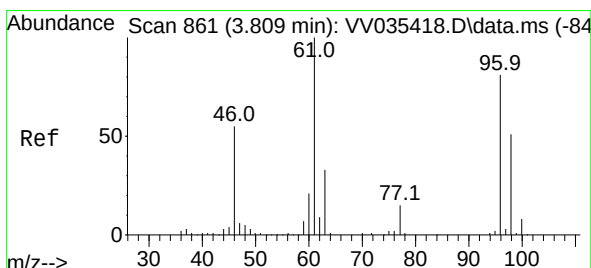
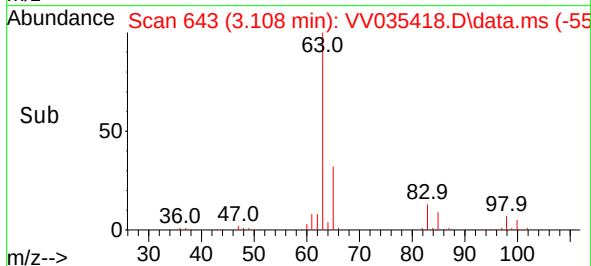
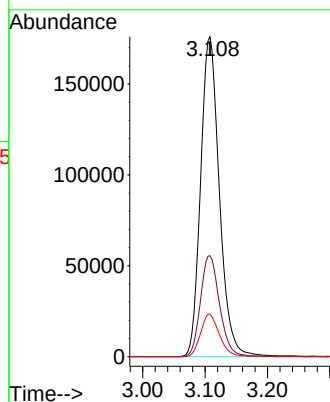
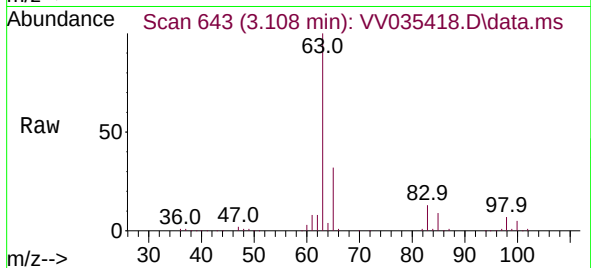




#19
1,1-Dichloroethane
Concen: 50.004 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

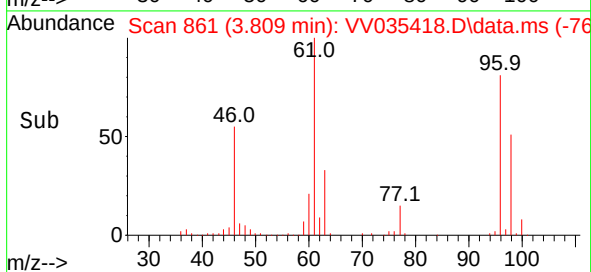
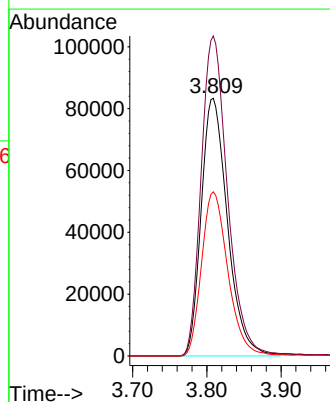
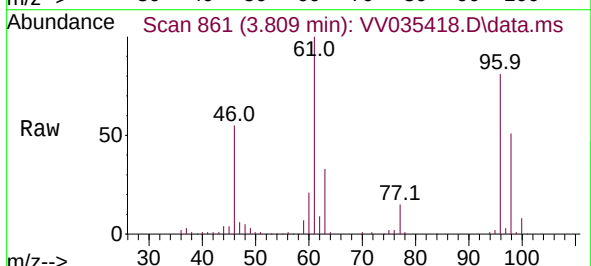
Instrument :
MSVOA_V
ClientSampleId :

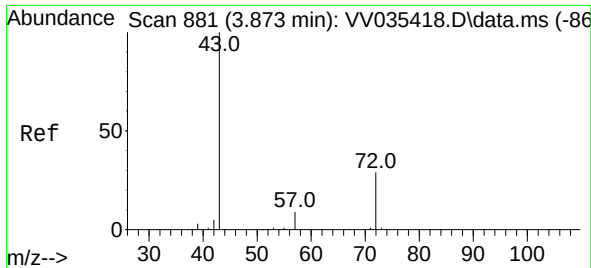
Tgt Ion: 63 Resp: 368321
Ion Ratio Lower Upper
63 100
65 31.6 22.1 41.1
83 13.3 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 51.153 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

Tgt Ion: 96 Resp: 204769
Ion Ratio Lower Upper
96 100
61 124.2 86.9 161.5
98 63.7 44.6 82.8

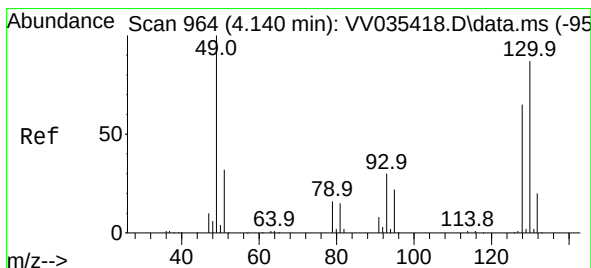
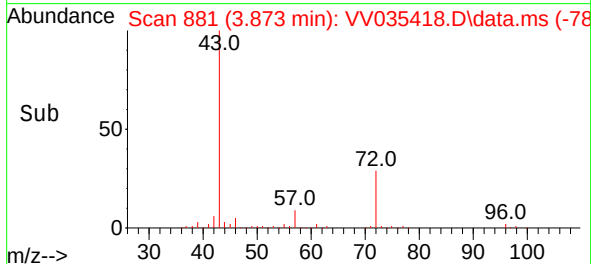
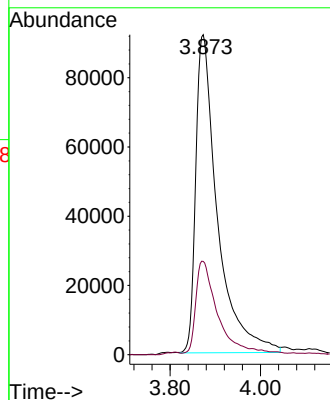
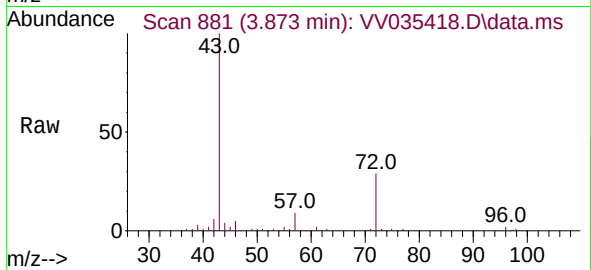




#22
2-Butanone
Concen: 100.496 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

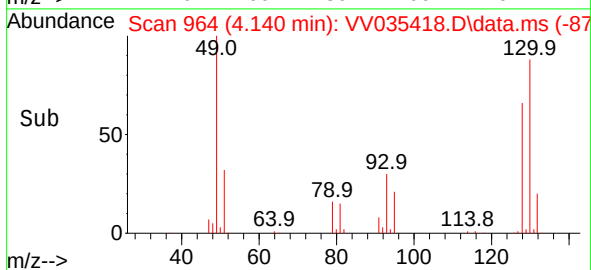
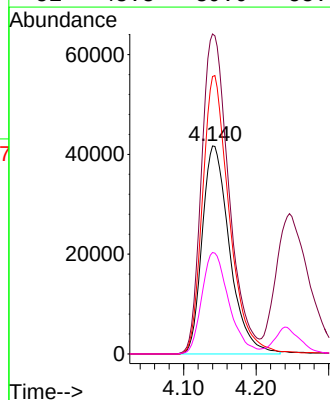
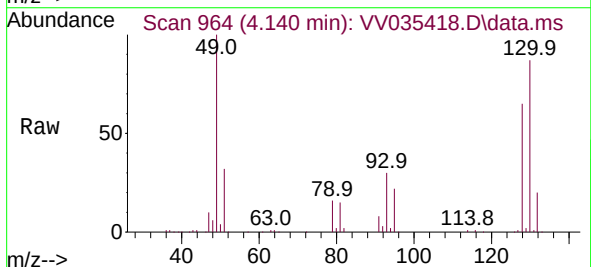
Instrument :
MSVOA_V
ClientSampleId :

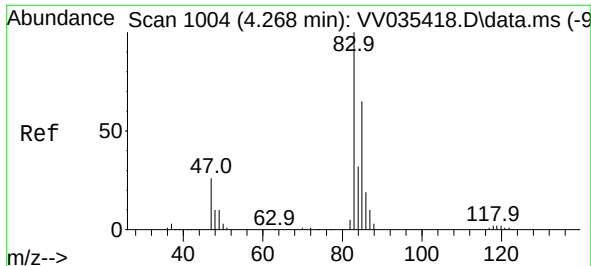
Tgt Ion: 43 Resp: 305556
Ion Ratio Lower Upper
43 100
72 27.6 13.8 41.4



#23
Bromochloromethane
Concen: 48.973 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

Tgt Ion:128 Resp: 109092
Ion Ratio Lower Upper
128 100
49 153.9 107.7 200.1
130 133.4 93.4 173.4
51 48.8 39.0 58.6





#25

Chloroform

Concen: 49.986 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

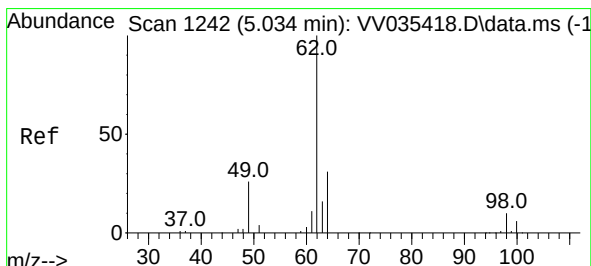
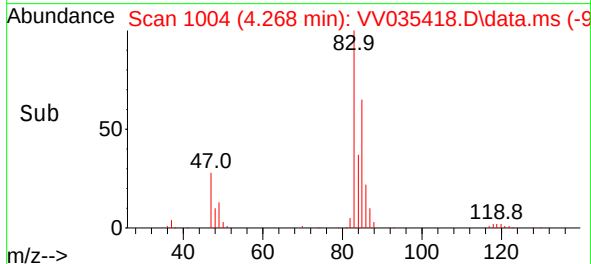
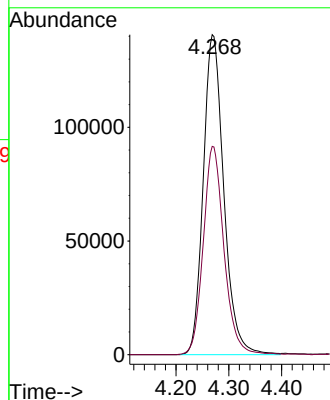
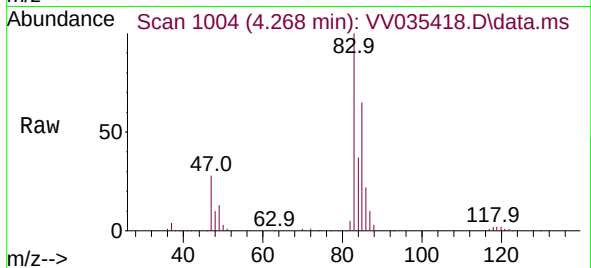
ClientSampleId :

Tgt Ion: 83 Resp: 380575

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 51.039 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV035418.D

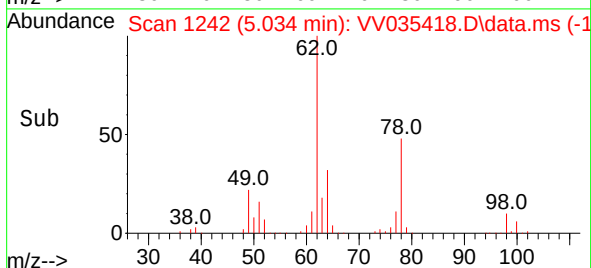
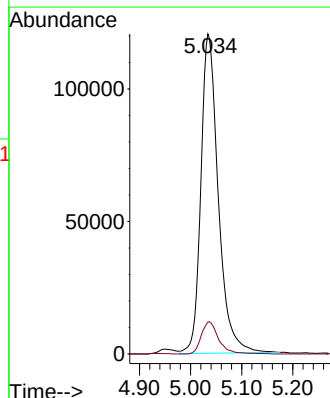
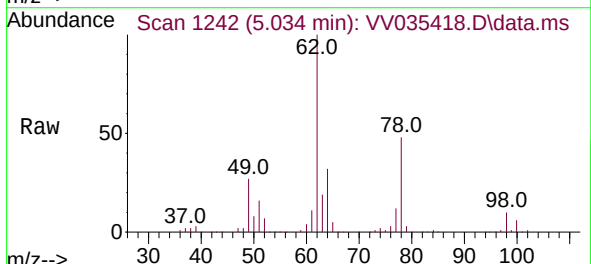
Acq: 26 Apr 2024 10:23

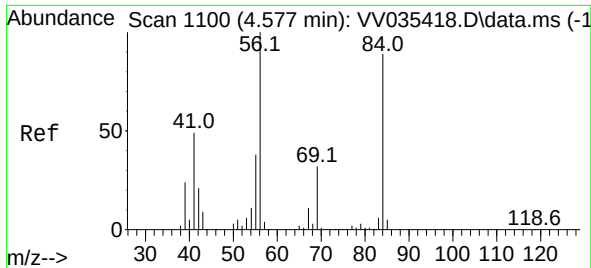
Tgt Ion: 62 Resp: 285367

Ion Ratio Lower Upper

62 100

98 10.0 8.0 12.0





#29

Cyclohexane

Concen: 53.378 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

ClientSampleId :

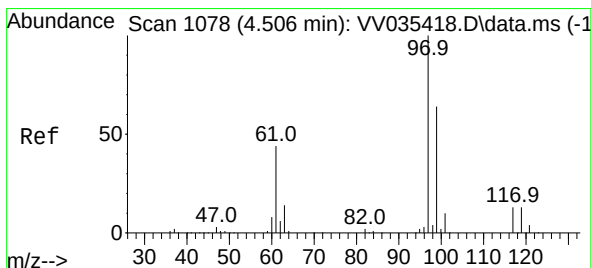
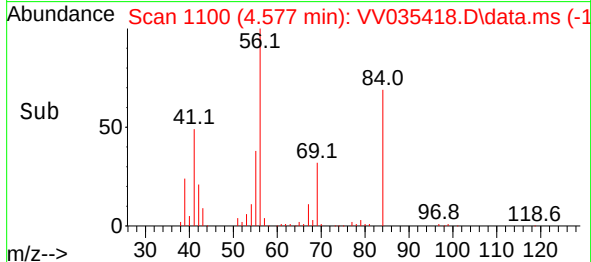
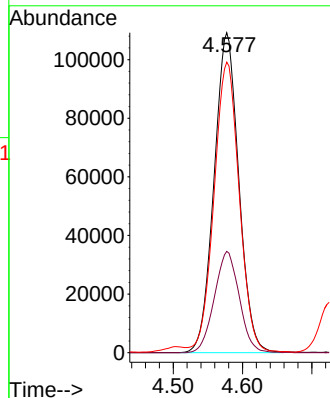
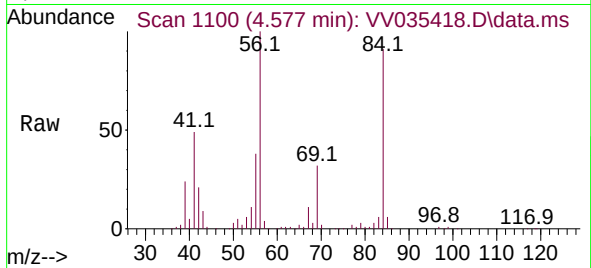
Tgt Ion: 56 Resp: 270801

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 91.9 73.5 110.3



#30

1,1,1-Trichloroethane

Concen: 50.781 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

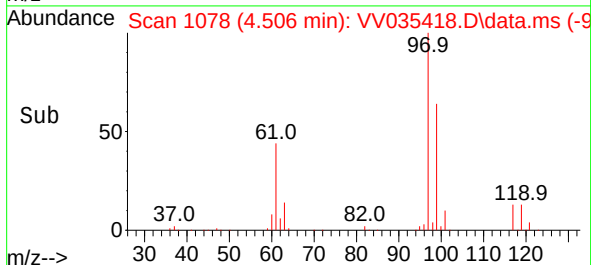
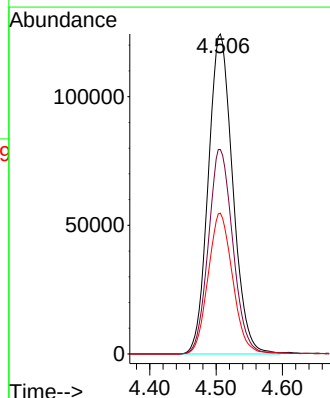
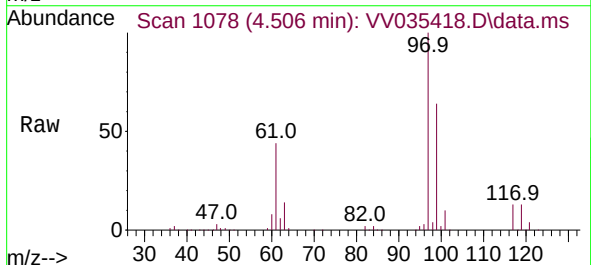
Tgt Ion: 97 Resp: 318700

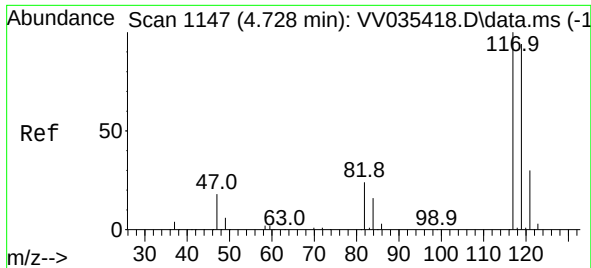
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 44.3 35.4 53.2

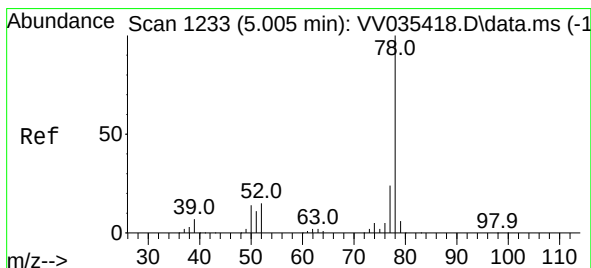
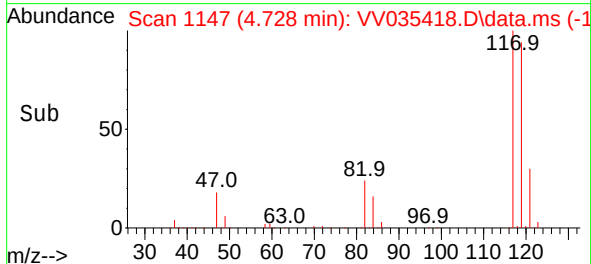
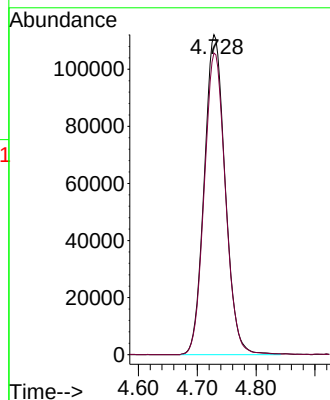
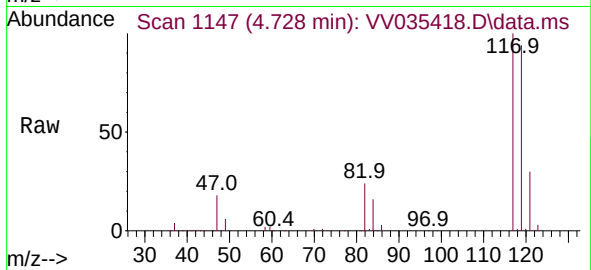




#31
Carbon tetrachloride
Concen: 50.559 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

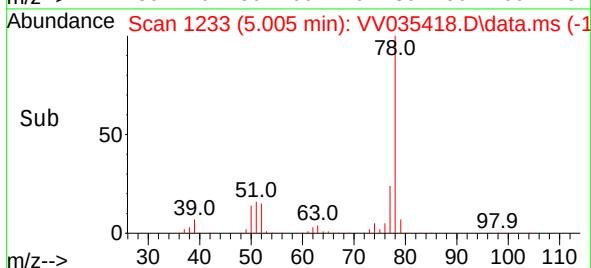
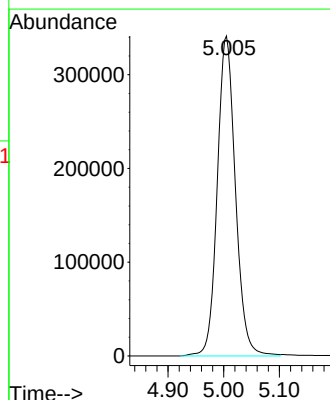
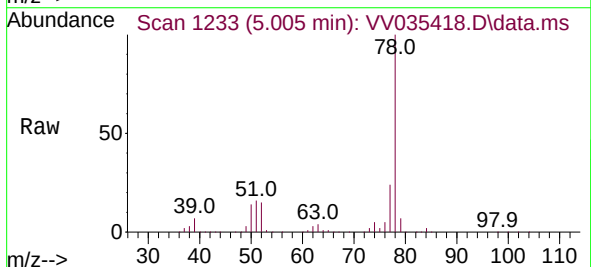
Instrument :
MSVOA_V
ClientSampleId :

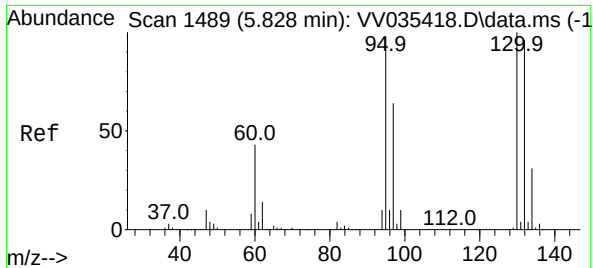
Tgt Ion:117 Resp: 277224
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6



#33
Benzene
Concen: 52.336 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

Tgt Ion: 78 Resp: 772574





#34

Trichloroethene

Concen: 51.227 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 205093

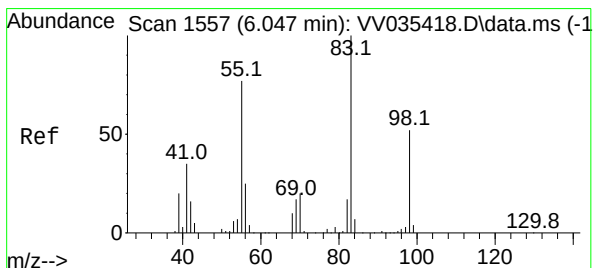
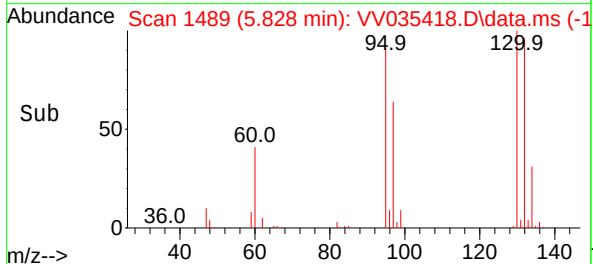
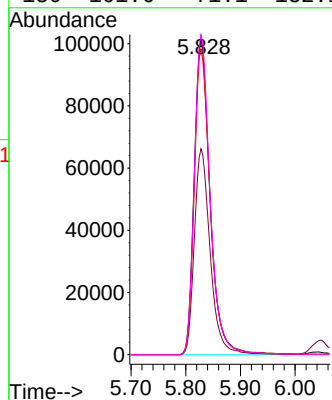
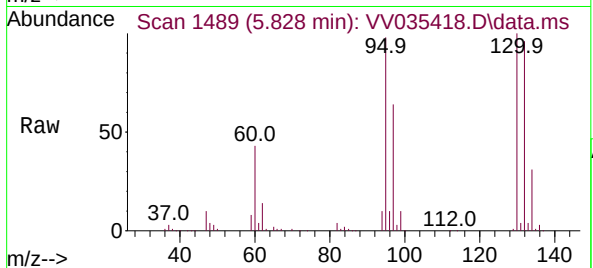
Ion Ratio Lower Upper

95 100

97 65.4 45.8 85.0

132 97.1 68.0 126.2

130 101.6 71.1 132.1



#35

Methylcyclohexane

Concen: 53.003 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

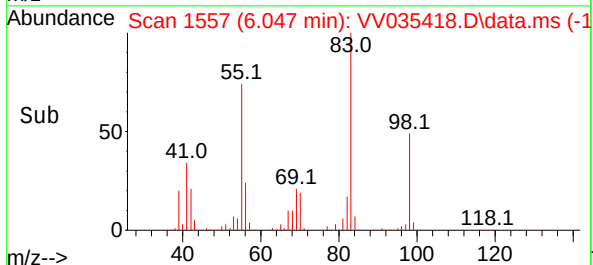
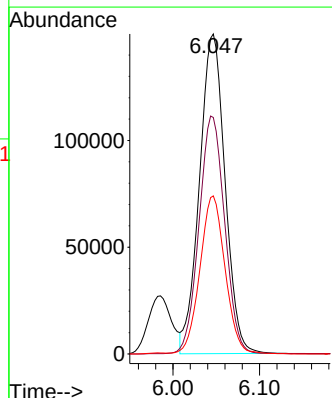
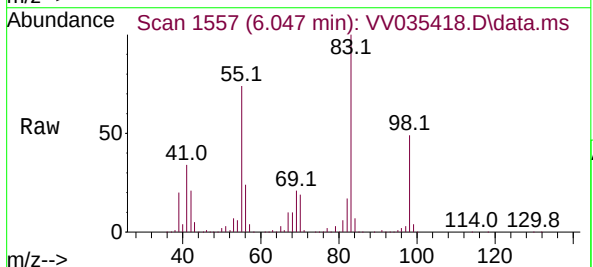
Tgt Ion: 83 Resp: 307028

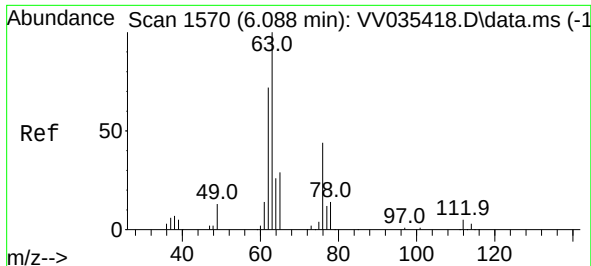
Ion Ratio Lower Upper

83 100

55 74.6 59.7 89.5

98 48.8 39.0 58.6

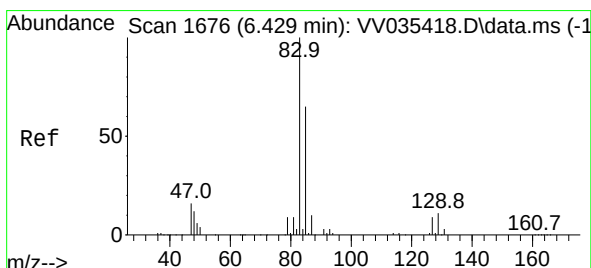
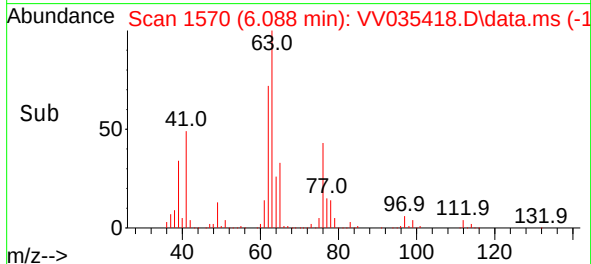
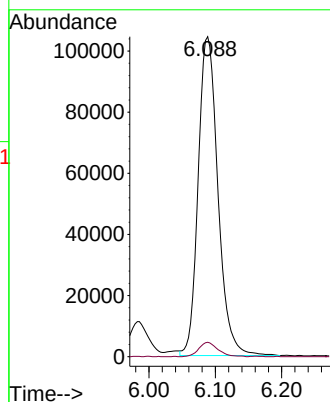
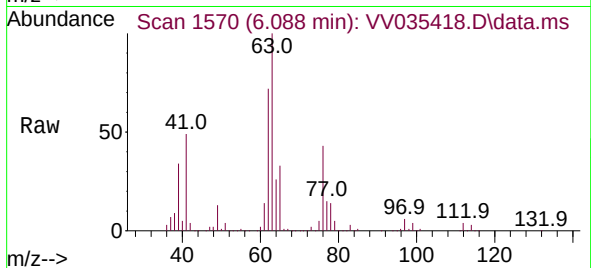




#37
1,2-Dichloropropane
Concen: 52.478 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

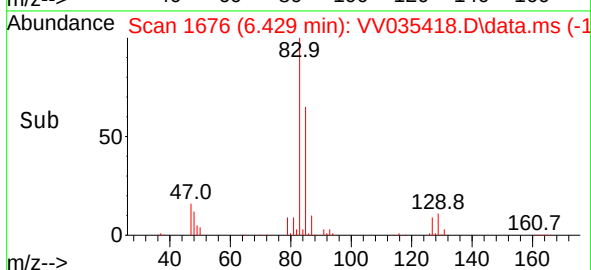
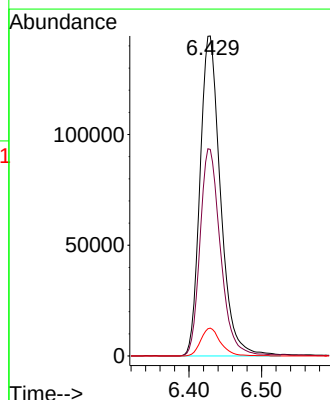
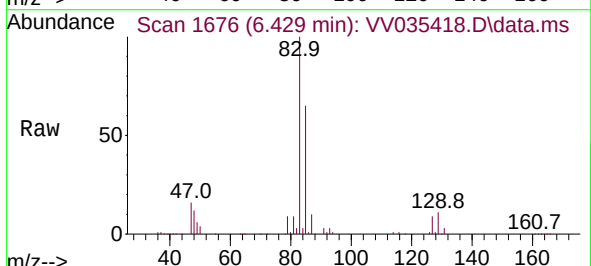
Instrument :
MSVOA_V
ClientSampleId :

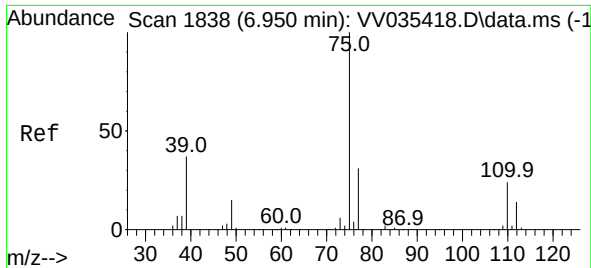
Tgt Ion: 63 Resp: 216272
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 50.992 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

Tgt Ion: 83 Resp: 283764
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9
127 8.7 7.0 10.4

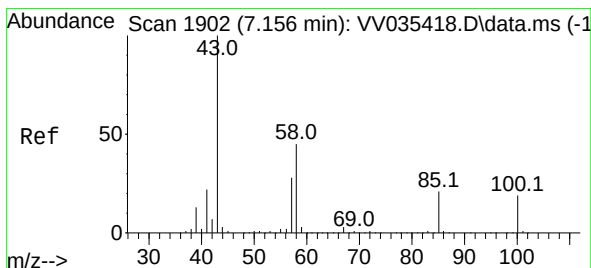
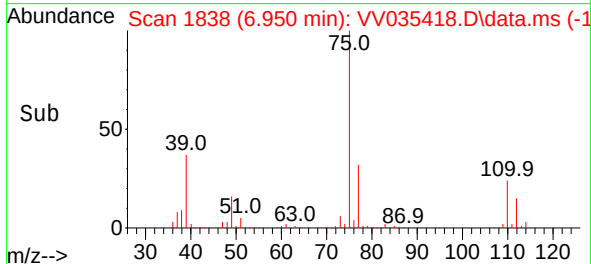
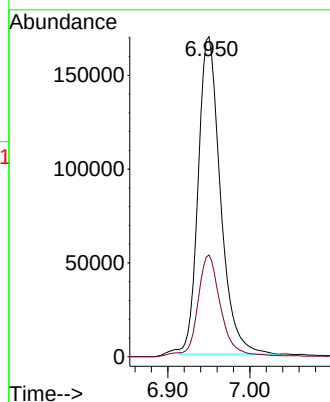
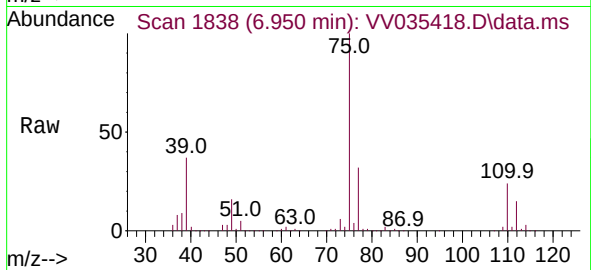




#39
 cis-1,3-Dichloropropene
 Concen: 52.123 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV035418.D
 Acq: 26 Apr 2024 10:23

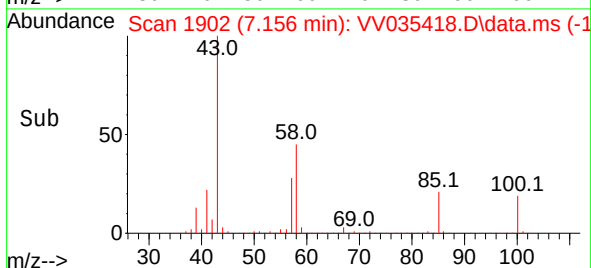
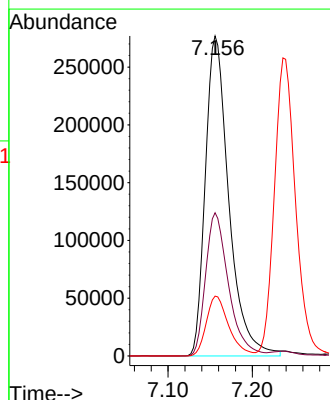
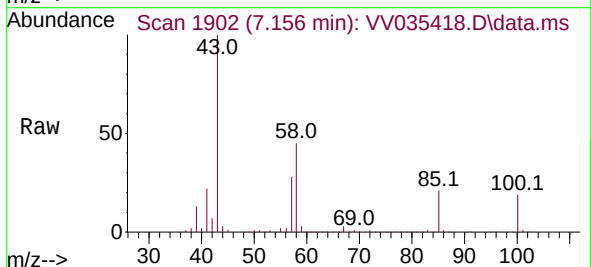
Instrument :
 MSVOA_V
 ClientSampleId :

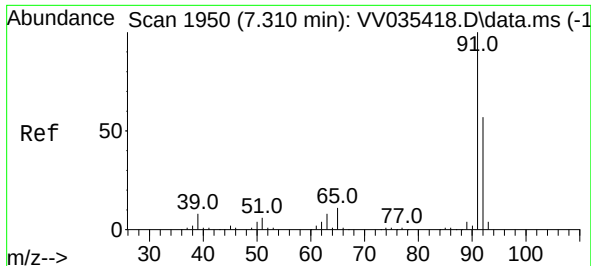
Tgt Ion: 75 Resp: 317933
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 109.093 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VV035418.D
 Acq: 26 Apr 2024 10:23

Tgt Ion: 43 Resp: 536895
 Ion Ratio Lower Upper
 43 100
 58 43.7 35.0 52.4
 100 17.9 14.3 21.5





#42

Toluene

Concen: 53.740 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

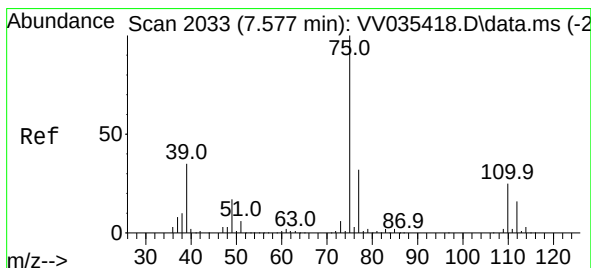
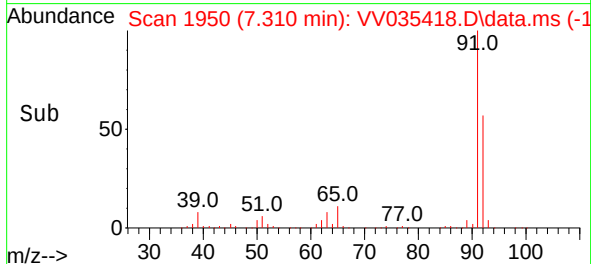
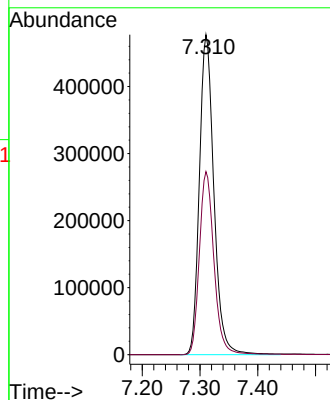
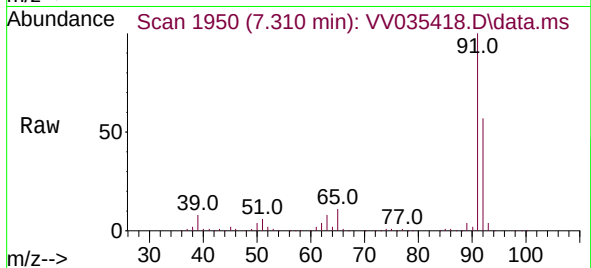
ClientSampleId :

Tgt Ion: 91 Resp: 831305

Ion Ratio Lower Upper

91 100

92 57.2 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 53.904 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035418.D

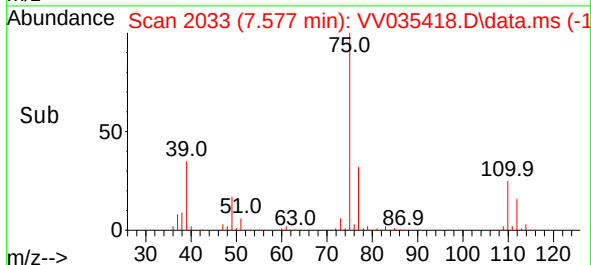
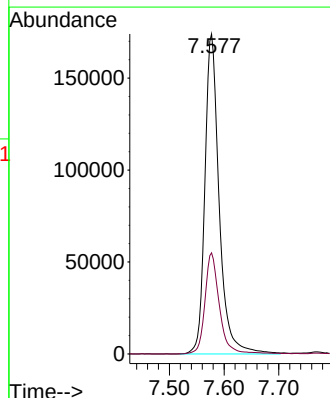
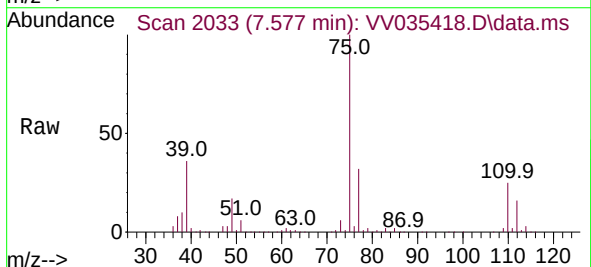
Acq: 26 Apr 2024 10:23

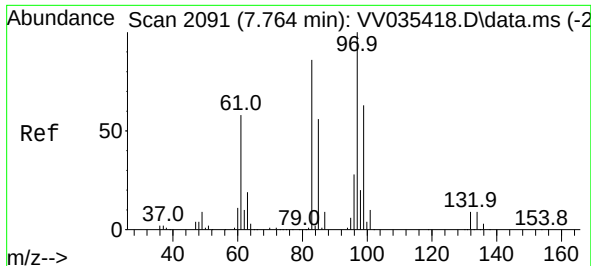
Tgt Ion: 75 Resp: 315621

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



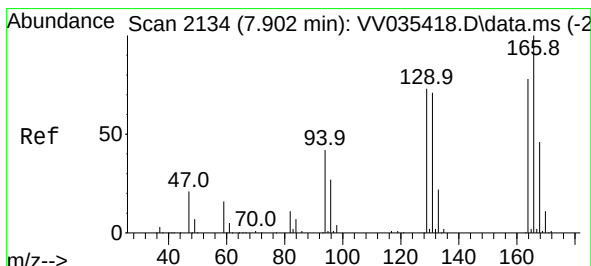
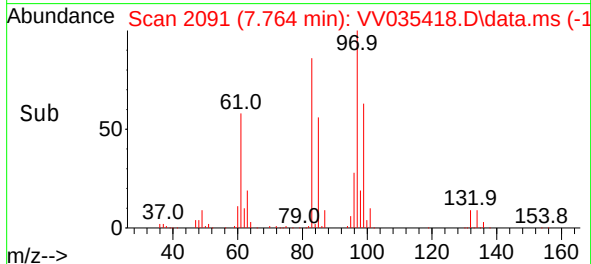
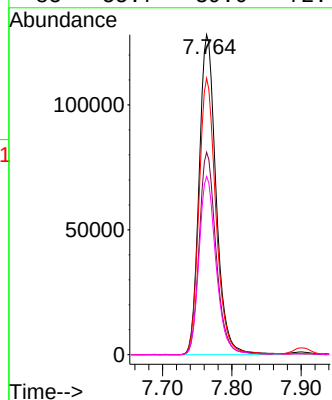
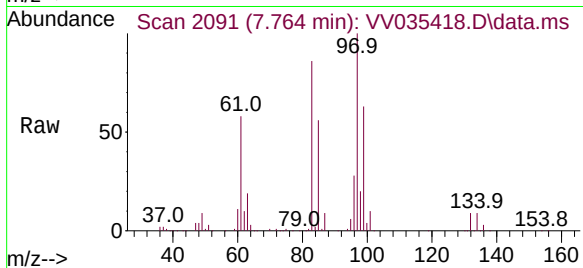


#45
1,1,2-Trichloroethane
Concen: 50.681 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 218112

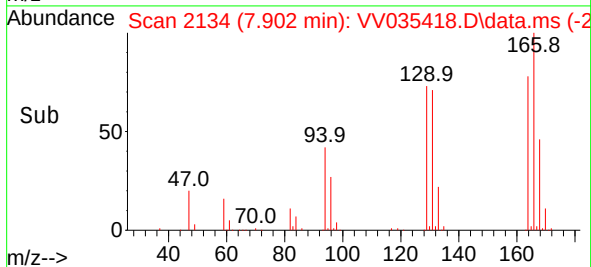
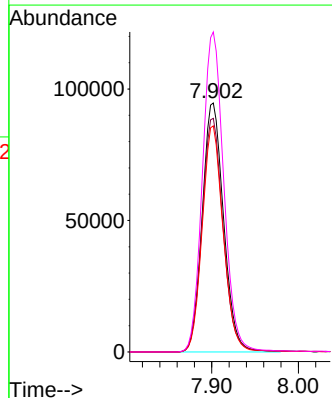
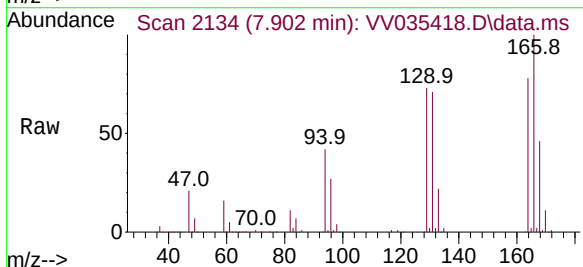
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.3	82.3
83	86.4	60.5	112.3
85	55.7	39.0	72.4

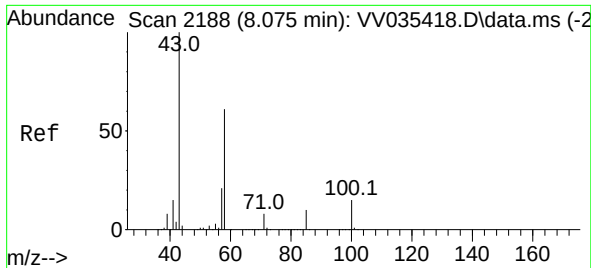


#46
Tetrachloroethene
Concen: 51.690 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

Tgt Ion: 164 Resp: 162345

Ion	Ratio	Lower	Upper
164	100		
129	93.9	65.7	122.1
131	90.8	63.6	118.0
166	128.5	89.9	167.0

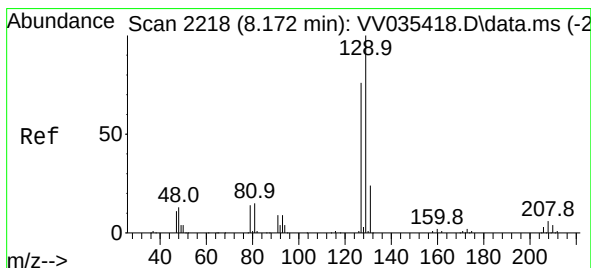
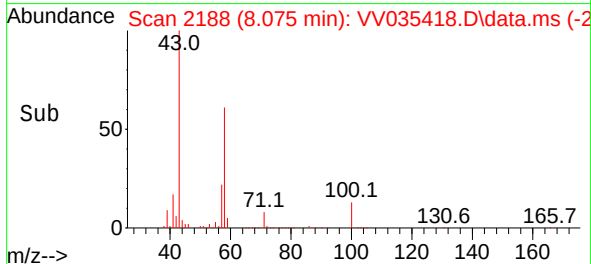
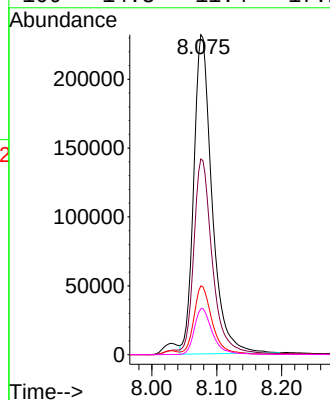
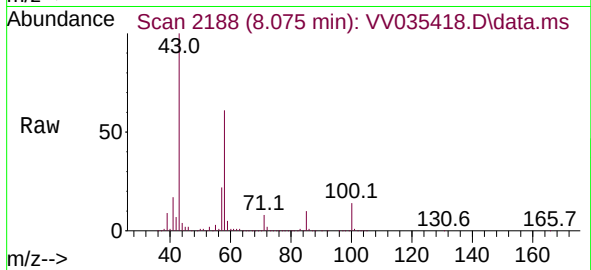




#48
2-Hexanone
Concen: 109.738 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

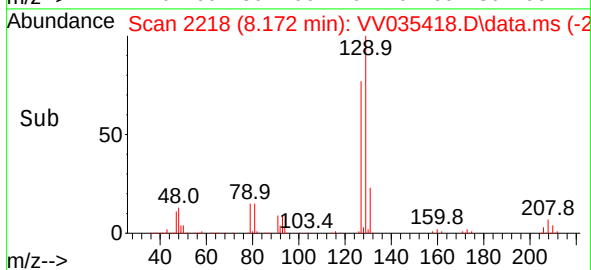
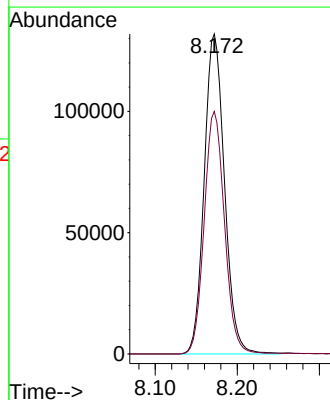
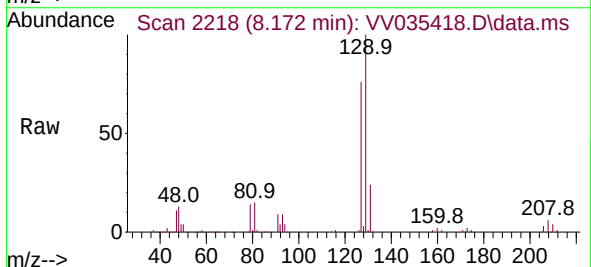
Instrument :
MSVOA_V
ClientSampleId :

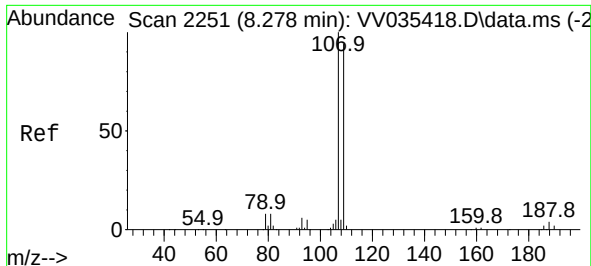
Tgt Ion: 43 Resp: 455215
Ion Ratio Lower Upper
43 100
58 61.7 49.4 74.0
57 21.4 17.1 25.7
100 14.3 11.4 17.2



#49
Dibromochloromethane
Concen: 51.458 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

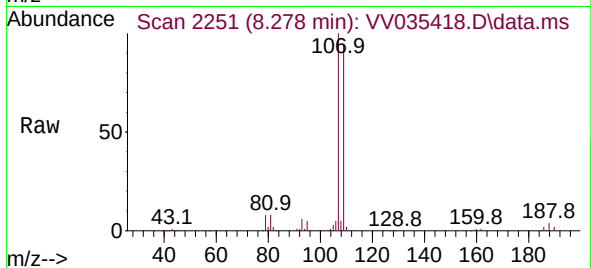
Tgt Ion: 129 Resp: 226388
Ion Ratio Lower Upper
129 100
127 75.8 53.1 98.5



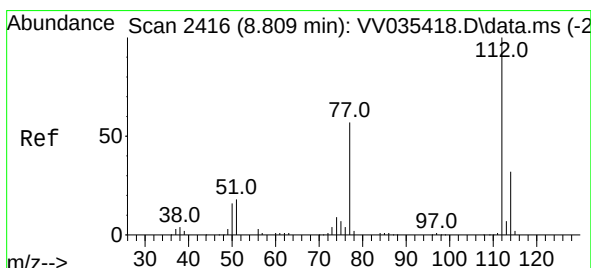
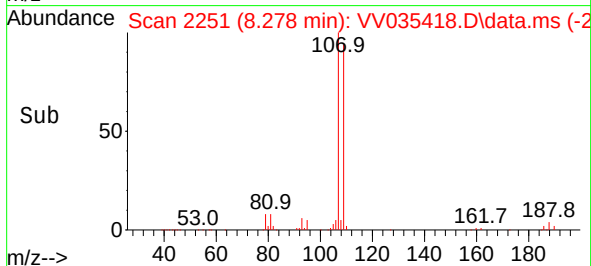
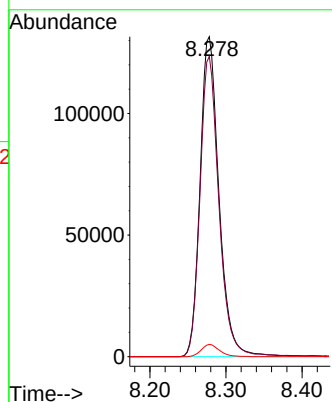


#50
1,2-Dibromoethane
Concen: 51.962 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

Instrument :
MSVOA_V
ClientSampleId :

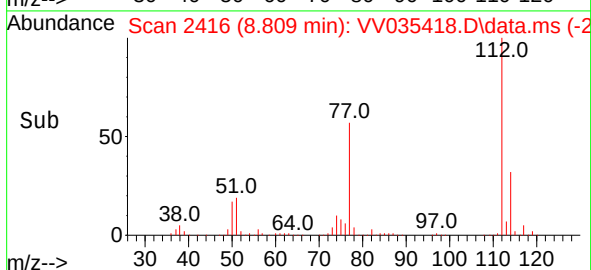
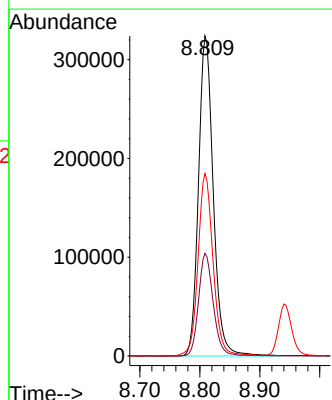
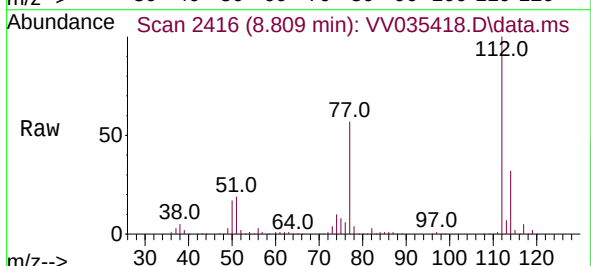


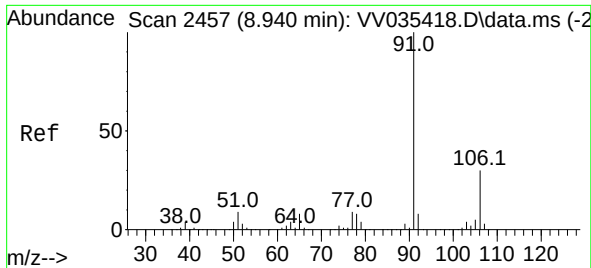
Tgt Ion:107 Resp: 227505
Ion Ratio Lower Upper
107 100
109 93.9 65.7 122.1
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 51.013 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

Tgt Ion:112 Resp: 556447
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 57.0 45.6 68.4





#52

Ethylbenzene

Concen: 53.846 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

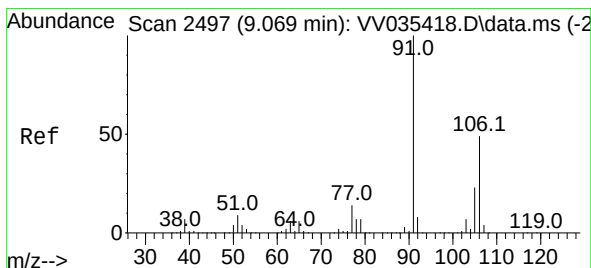
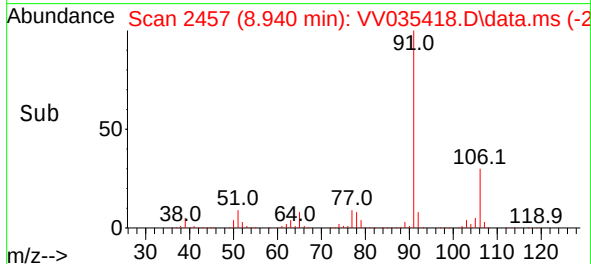
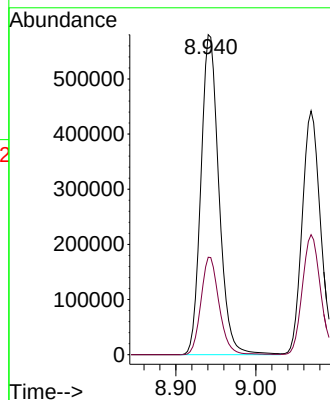
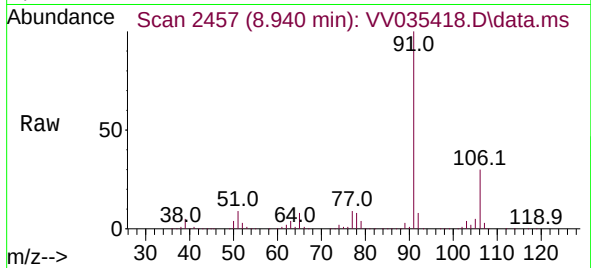
ClientSampleId :

Tgt Ion: 91 Resp: 910164

Ion Ratio Lower Upper

91 100

106 30.4 21.3 39.5



#53

m,p-Xylene

Concen: 54.431 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV035418.D

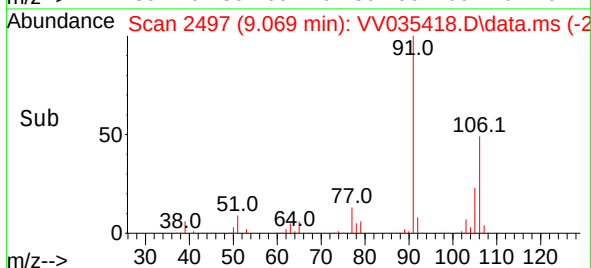
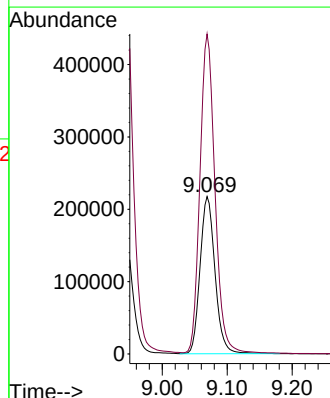
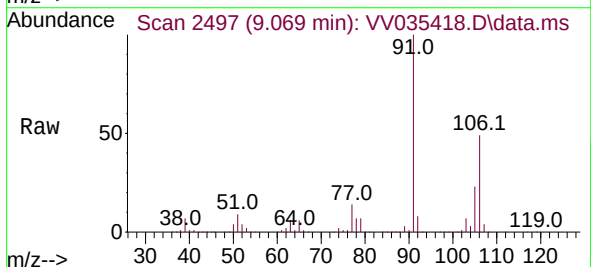
Acq: 26 Apr 2024 10:23

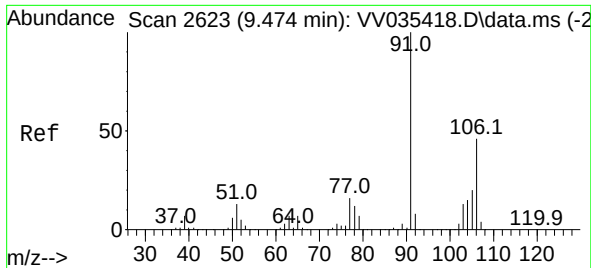
Tgt Ion:106 Resp: 348198

Ion Ratio Lower Upper

106 100

91 203.1 142.2 264.0

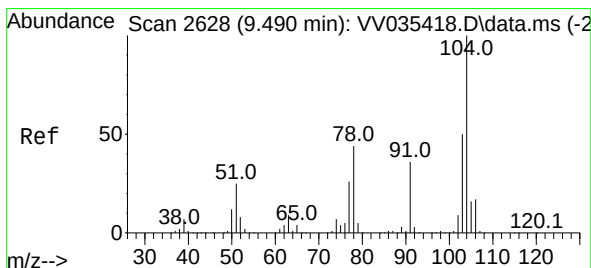
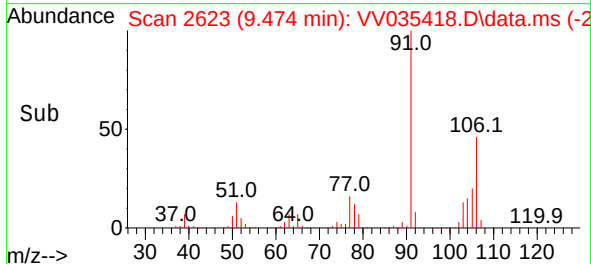
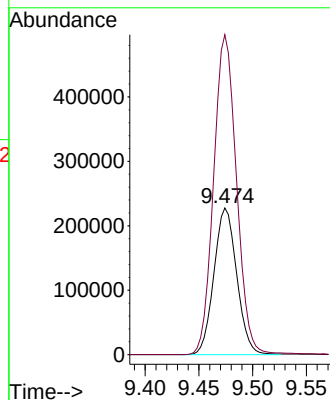
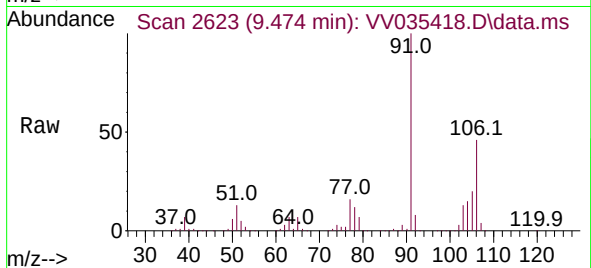




#54
o-Xylene
Concen: 53.780 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

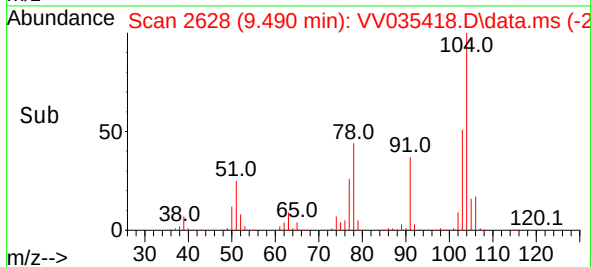
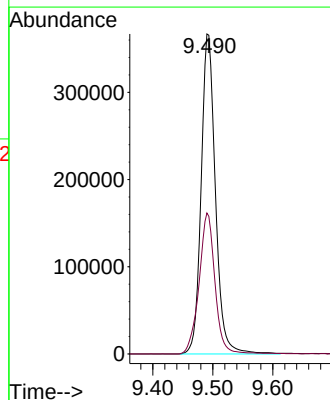
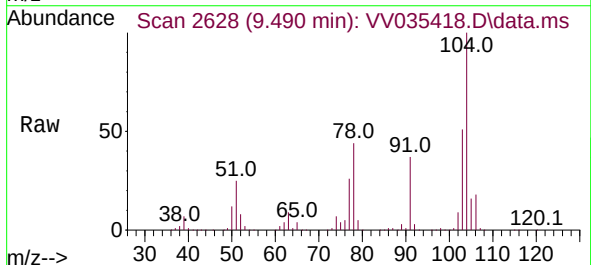
Instrument :
MSVOA_V
ClientSampleId :

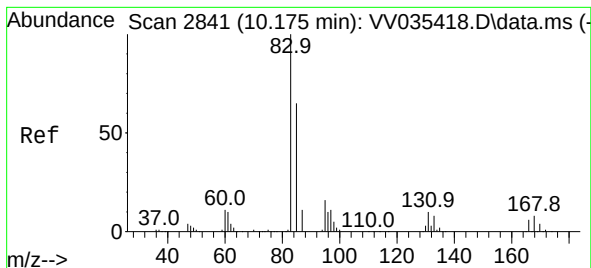
Tgt Ion:106 Resp: 336408
Ion Ratio Lower Upper
106 100
91 218.1 152.7 283.5



#55
Styrene
Concen: 56.578 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

Tgt Ion:104 Resp: 610341
Ion Ratio Lower Upper
104 100
78 44.1 30.9 57.3

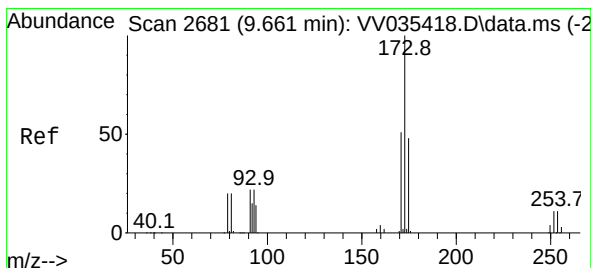
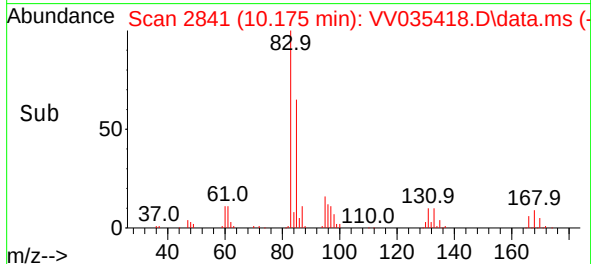
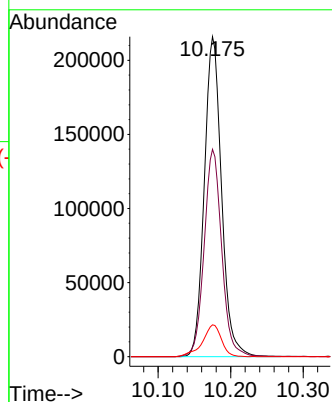
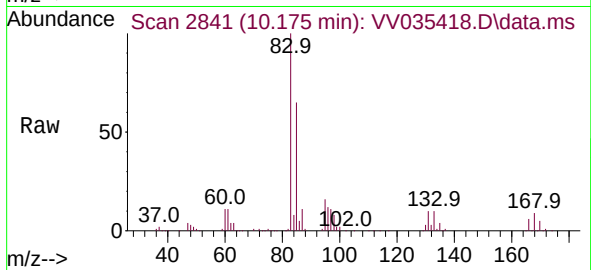




#57
1,1,2,2-Tetrachloroethane
Concen: 50.929 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

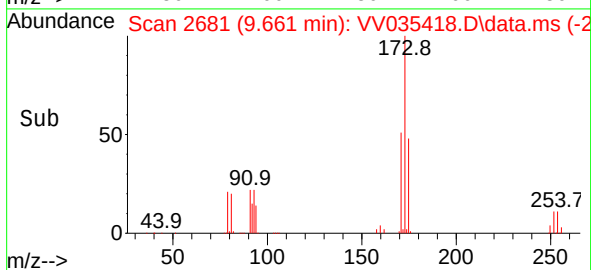
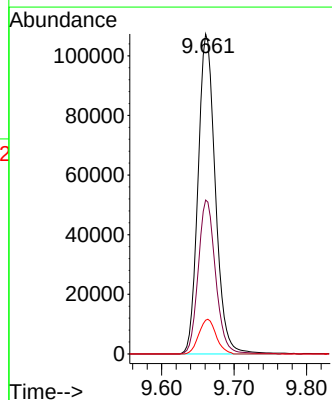
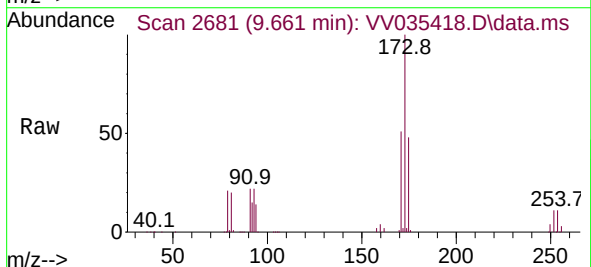
Instrument :
MSVOA_V
ClientSampleId :

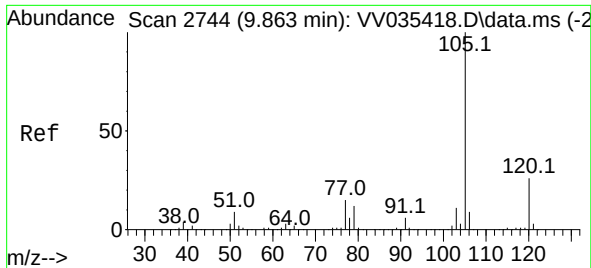
Tgt Ion: 83 Resp: 356286
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2
131 9.9 7.9 11.9



#59
Bromoform
Concen: 48.588 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

Tgt Ion: 173 Resp: 177394
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
254 10.9 8.7 13.1

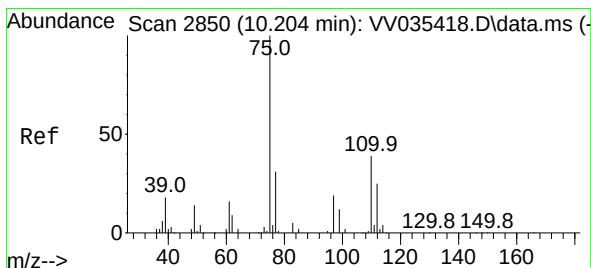
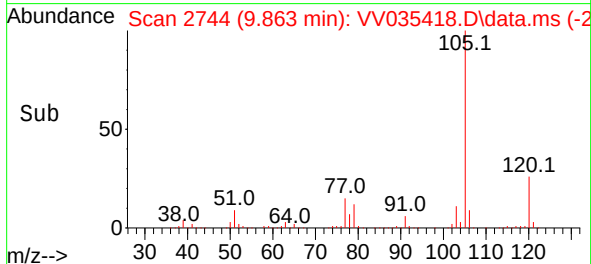
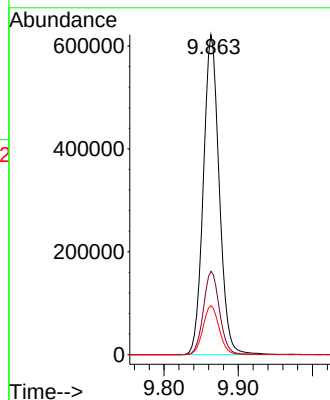
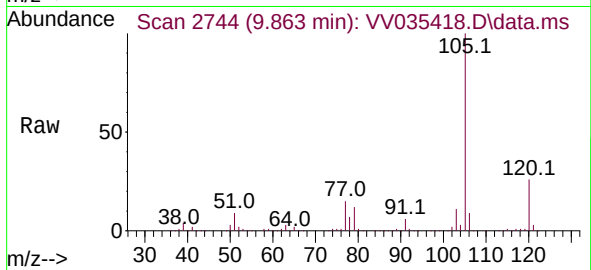




#60
Isopropylbenzene
Concen: 52.409 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

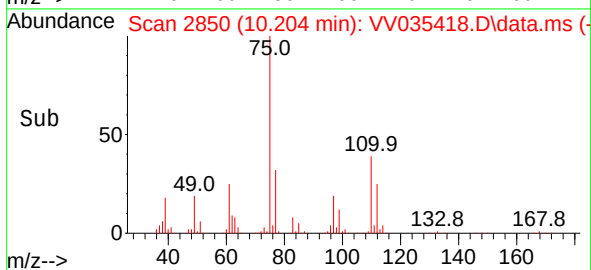
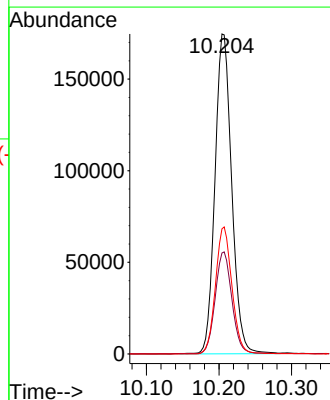
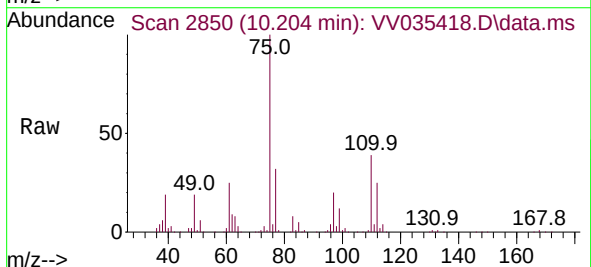
Instrument :
MSVOA_V
ClientSampleId :

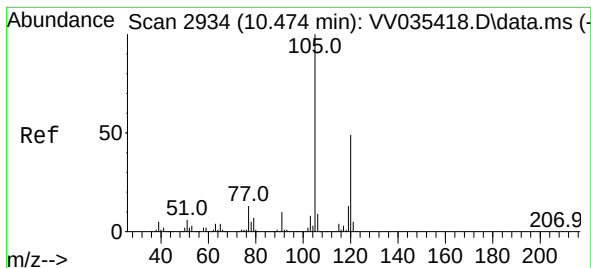
Tgt Ion:105 Resp: 924661
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 48.646 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV035418.D
Acq: 26 Apr 2024 10:23

Tgt Ion: 75 Resp: 280019
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
110 39.0 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 53.591 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

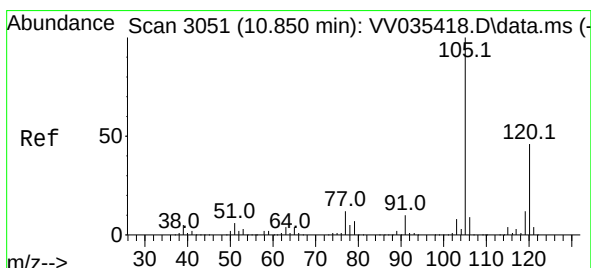
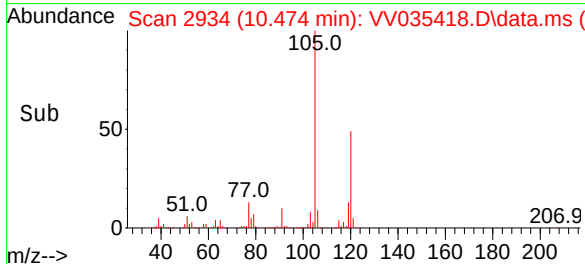
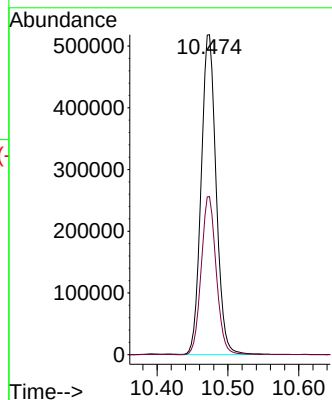
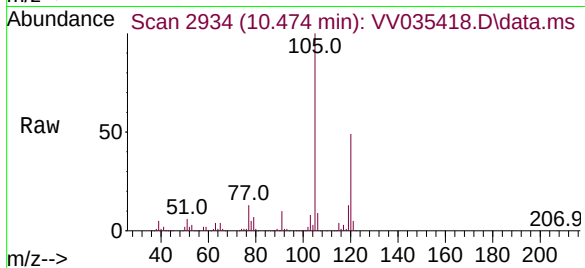
ClientSampleId :

Tgt Ion:105 Resp: 761712

Ion Ratio Lower Upper

105 100

120 49.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 54.912 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035418.D

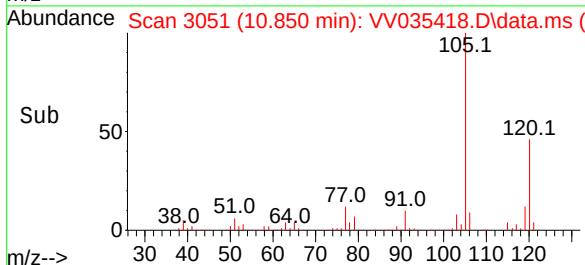
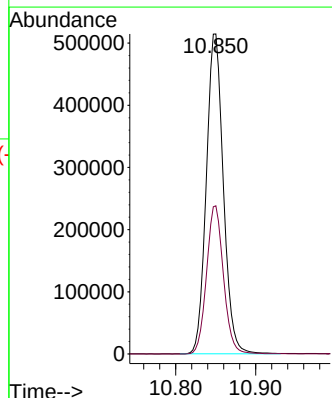
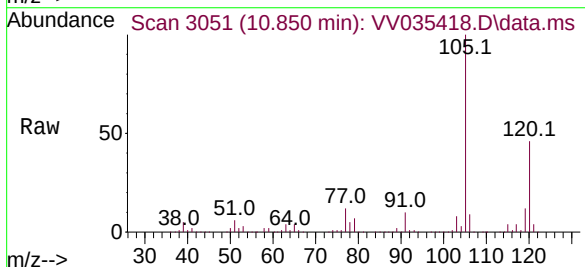
Acq: 26 Apr 2024 10:23

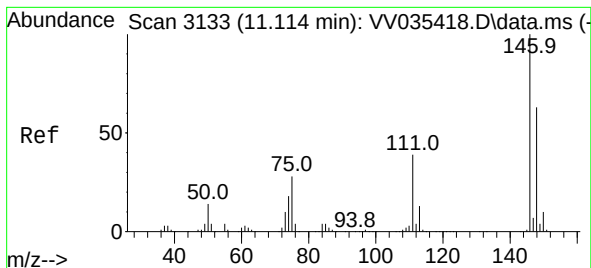
Tgt Ion:105 Resp: 764145

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 50.988 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

ClientSampleId :

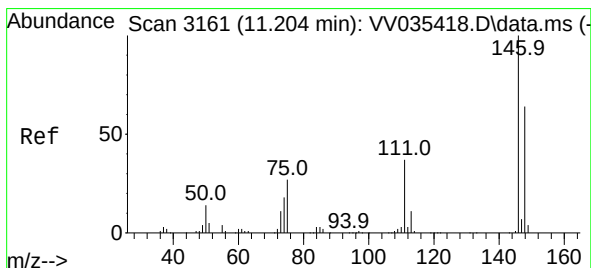
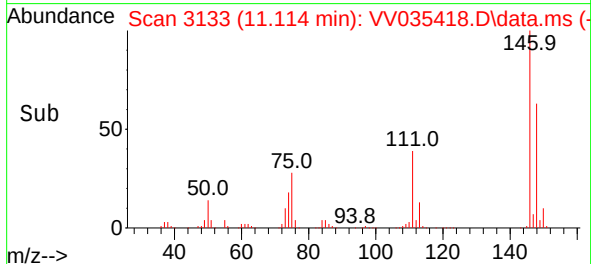
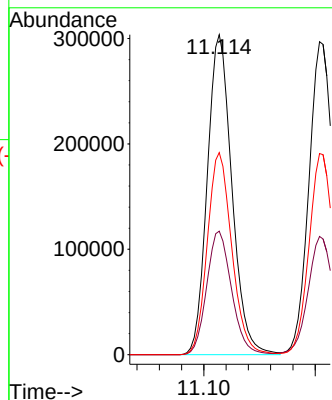
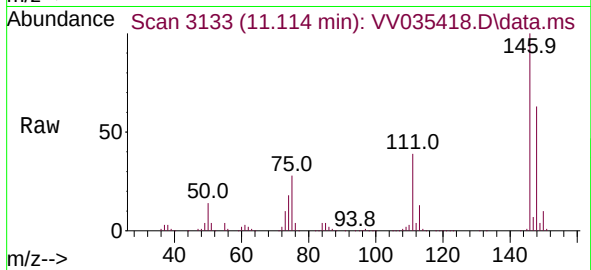
Tgt Ion:146 Resp: 466021

Ion Ratio Lower Upper

146 100

111 38.6 27.0 50.2

148 63.2 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 49.492 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

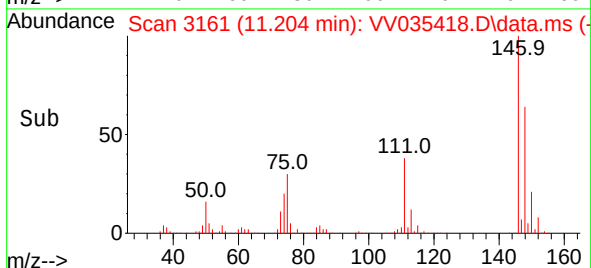
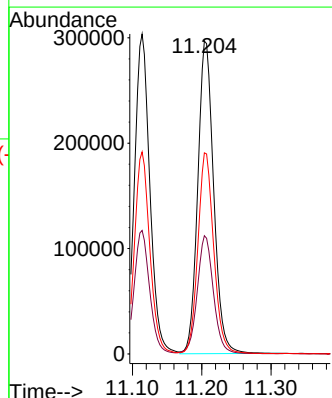
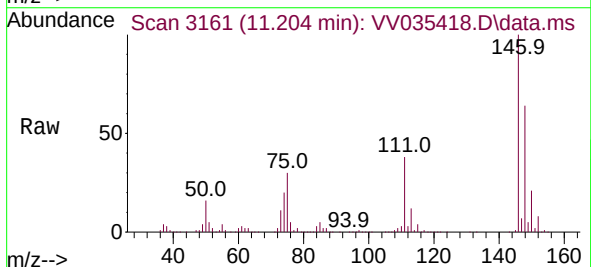
Tgt Ion:146 Resp: 474468

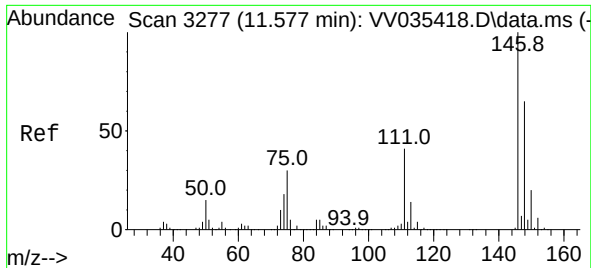
Ion Ratio Lower Upper

146 100

111 37.8 26.5 49.1

148 64.3 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 49.822 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

ClientSampleId :

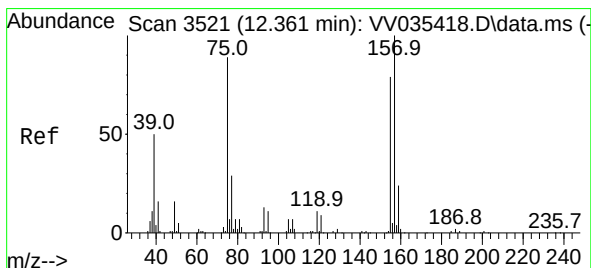
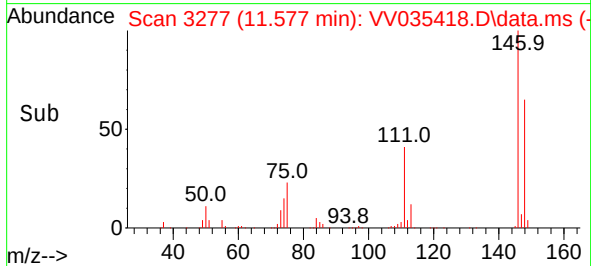
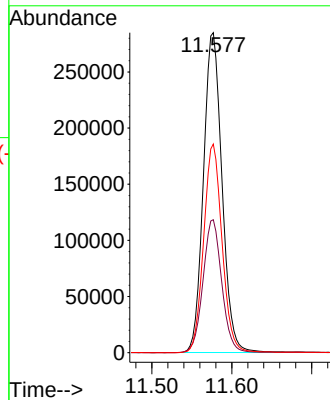
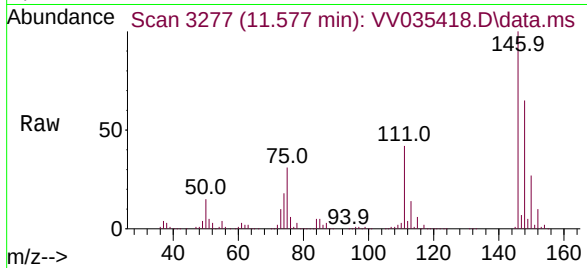
Tgt Ion:146 Resp: 461362

Ion Ratio Lower Upper

146 100

111 41.6 33.3 49.9

148 65.2 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 48.920 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

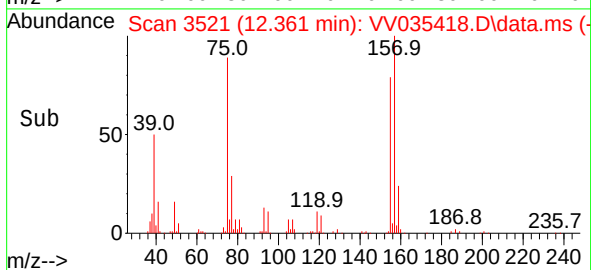
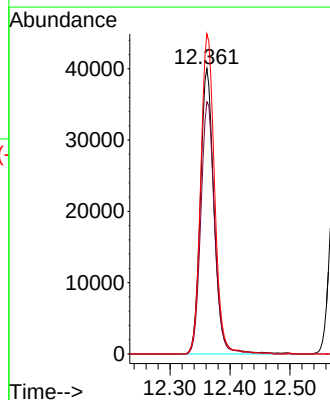
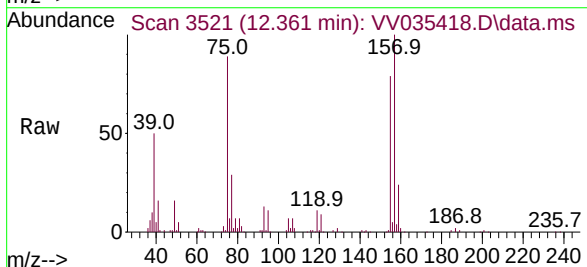
Tgt Ion: 75 Resp: 63708

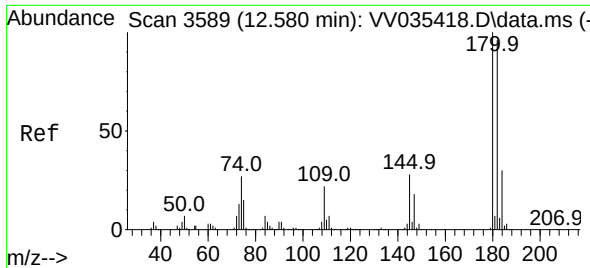
Ion Ratio Lower Upper

75 100

155 88.3 70.6 106.0

157 112.1 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 50.440 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

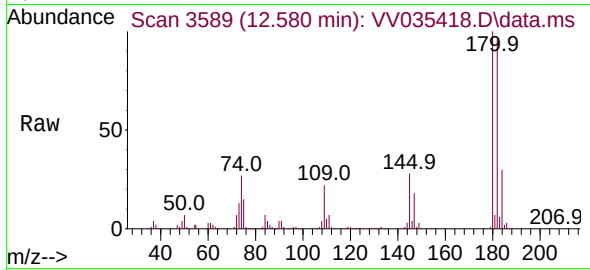
Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 326638

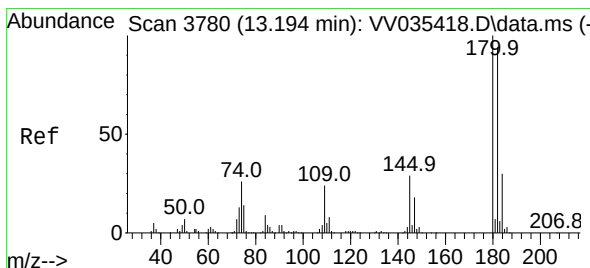
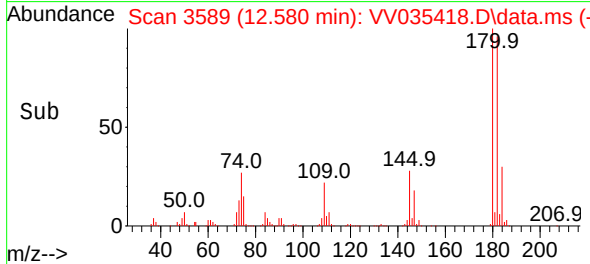
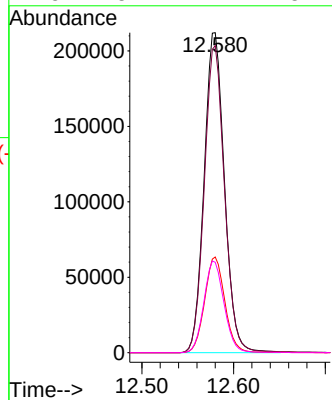
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

184 29.7 23.8 35.6

145 28.4 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 50.043 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

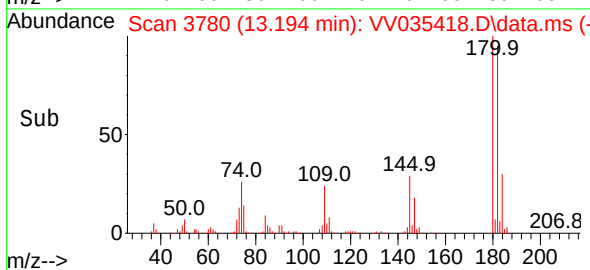
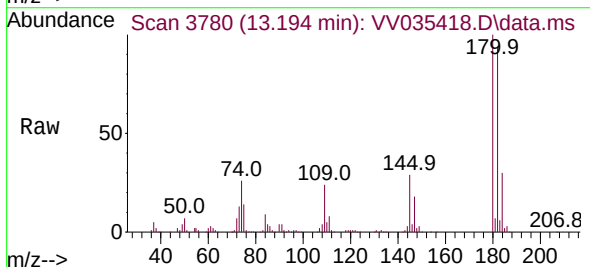
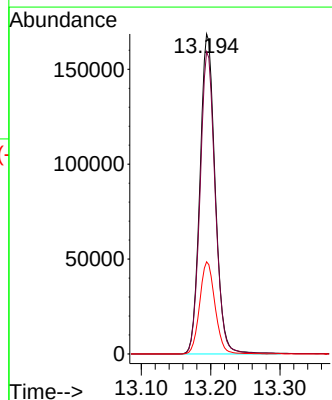
Tgt Ion:180 Resp: 257260

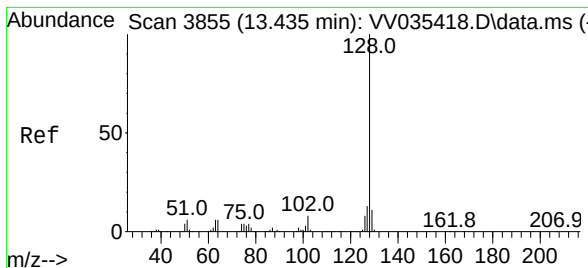
Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

145 29.0 23.2 34.8





#71

Naphthalene

Concen: 48.892 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Instrument :

MSVOA_V

ClientSampleId :

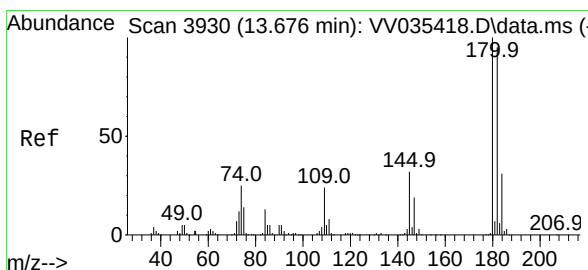
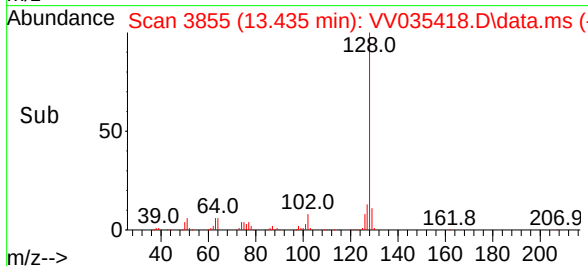
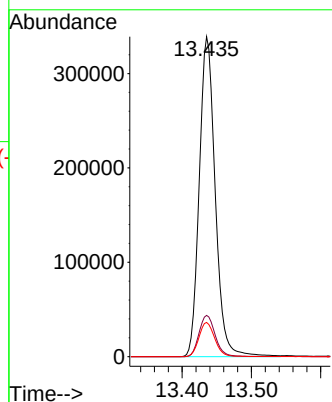
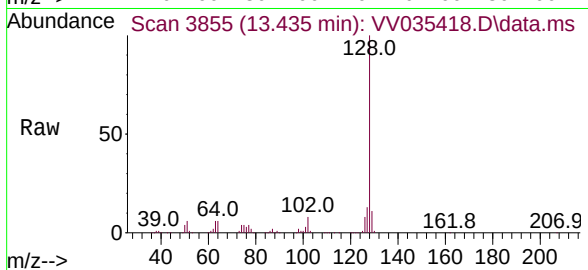
Tgt Ion:128 Resp: 544351

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 51.374 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035418.D

Acq: 26 Apr 2024 10:23

Tgt Ion:180 Resp: 257341

Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

145 30.9 24.7 37.1

