

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041024\
 Data File : VV035118.D
 Acq On : 10 Apr 2024 18:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 11 06:59:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	330362	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	323280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	172398	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	167862	52.613	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	105.220%	
7) Chloroethane-d5	1.532	69	156249	56.384	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	112.760%	
11) 1,1-Dichloroethene-d2	2.056	65	72004	51.485	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	102.960%	
21) 2-Butanone-d5	3.789	46	217902	115.157	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	115.160%	
24) Chloroform-d	4.246	84	287362	53.570	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	107.140%	
26) 1,2-Dichloroethane-d4	4.941	65	180976	53.139	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.280%	
32) Benzene-d6	4.957	84	570630	52.549	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	105.100%	
36) 1,2-Dichloropropane-d6	5.986	67	183328	53.165	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	106.320%	
41) Toluene-d8	7.239	98	526670	53.854	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	107.700%	
43) trans-1,3-Dichloroprop...	7.551	79	83329	49.708	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	99.420%	
47) 2-Hexanone-d5	8.024	63	127559	97.840	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	97.840%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	257146	54.152	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	108.300%	
66) 1,2-Dichlorobenzene-d4	11.558	152	190643	49.253	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	98.500%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	110399	46.108	ug/L	100
3) Chloromethane	1.214	50	142462	46.281	ug/L	99
5) Vinyl chloride	1.282	62	152191	47.162	ug/L	100
6) Bromomethane	1.487	94	105357	43.556	ug/L	98
8) Chloroethane	1.548	64	120100	54.494	ug/L	98
9) Trichlorofluoromethane	1.712	101	220952	52.168	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	139088	53.653	ug/L	99
12) 1,1-Dichloroethene	2.069	96	123817	49.939	ug/L	95
13) Acetone	2.121	43	202390	116.504	ug/L	99
14) Carbon disulfide	2.240	76	299997	42.966	ug/L	100
15) Methyl Acetate	2.375	43	177343	64.781	ug/L	98
16) Methylene chloride	2.445	84	154726	57.594	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	123236	51.411	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	475016	56.418	ug/L	98
19) 1,1-Dichloroethane	3.111	63	283408	57.654	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	150940	55.451	ug/L	98
22) 2-Butanone	3.873	43	242346	120.222	ug/L	99
23) Bromochloromethane	4.143	128	77321	56.775	ug/L	95
25) Chloroform	4.275	83	283669	58.368	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035118.D
 Acq On : 10 Apr 2024 18:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

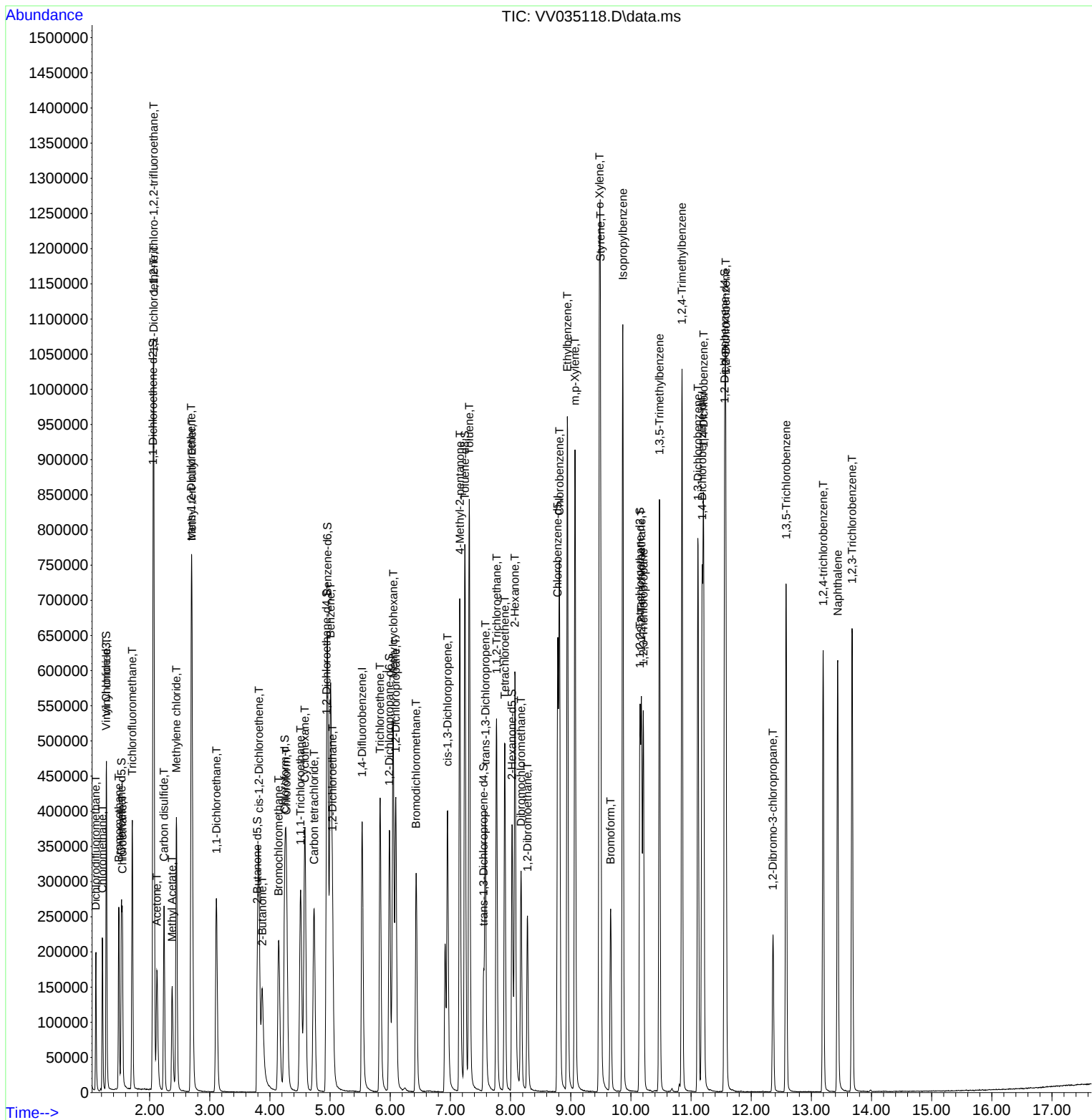
Instrument :
 MSVOA_V
 ClientSampleId :

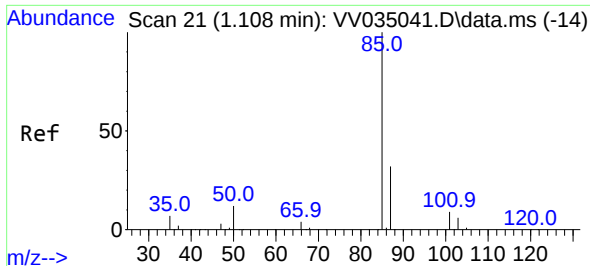
Quant Time: Apr 11 06:59:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	228119	58.953	ug/L	100
29) Cyclohexane	4.580	56	205445	50.739	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	235469	55.878	ug/L	99
31) Carbon tetrachloride	4.735	117	196716	55.077	ug/L	100
33) Benzene	5.008	78	578944	54.919	ug/L	100
34) Trichloroethene	5.831	95	150340	52.844	ug/L	98
35) Methylcyclohexane	6.050	83	221939	51.655	ug/L	99
37) 1,2-Dichloropropane	6.092	63	168417	57.811	ug/L	100
38) Bromodichloromethane	6.429	83	214274	57.006	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	250839	54.658	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	460104	123.700	ug/L	98
42) Toluene	7.313	91	616043	55.819	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	233636	55.414	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	161423	58.788	ug/L	99
46) Tetrachloroethene	7.905	164	109144	54.913	ug/L	97
48) 2-Hexanone	8.072	43	378408	119.618	ug/L	99
49) Dibromochloromethane	8.175	129	155429	57.152	ug/L	100
50) 1,2-Dibromoethane	8.281	107	165118	55.855	ug/L	99
51) Chlorobenzene	8.812	112	393680	55.037	ug/L	100
52) Ethylbenzene	8.944	91	666148	54.461	ug/L	100
53) m,p-Xylene	9.072	106	246949	54.823	ug/L	99
54) o-Xylene	9.477	106	245869	55.166	ug/L	99
55) Styrene	9.493	104	435249	57.789	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	263798	59.295	ug/L	98
59) Bromoform	9.664	173	112714	57.052	ug/L	99
60) Isopropylbenzene	9.866	105	669493	53.868	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	215919	57.798	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	431416	53.448	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	536121	53.722	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	306239	52.727	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	311207	52.690	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	315412	54.514	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	57641	56.005	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	222006	53.037	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	189565	49.301	ug/L	99
71) Naphthalene	13.439	128	470677	44.122	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	200115	52.799	ug/L	99

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

Quant Time: Apr 11 06:59:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration

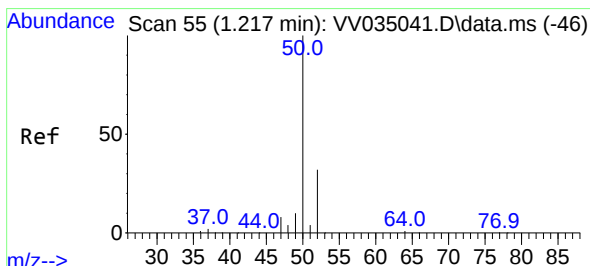
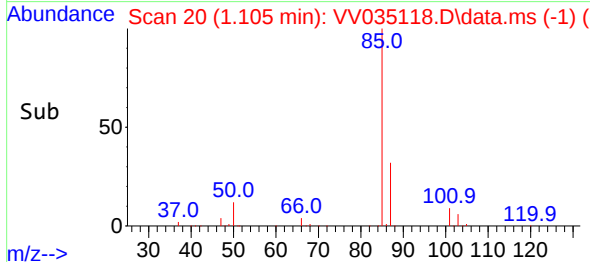
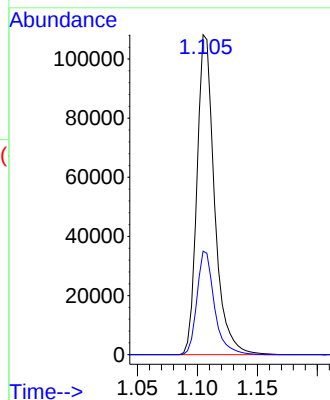
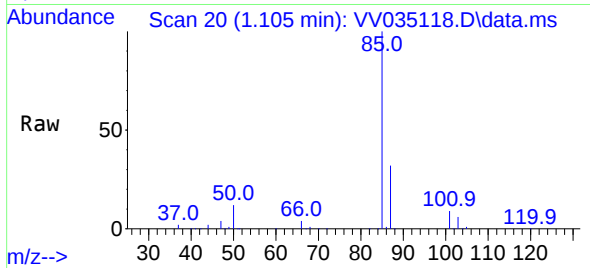




#2
Dichlorodifluoromethane
Concen: 46.108 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

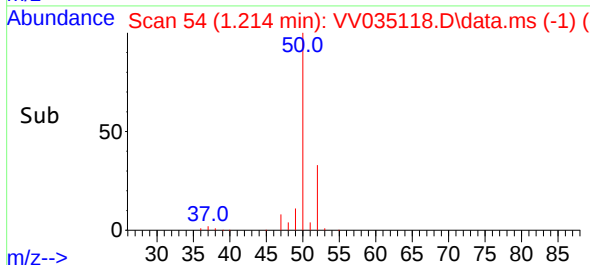
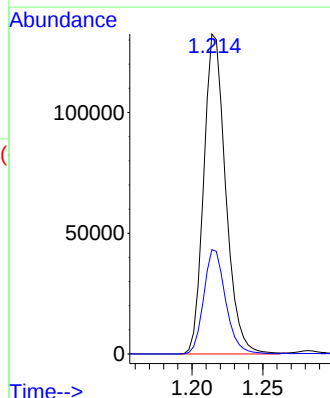
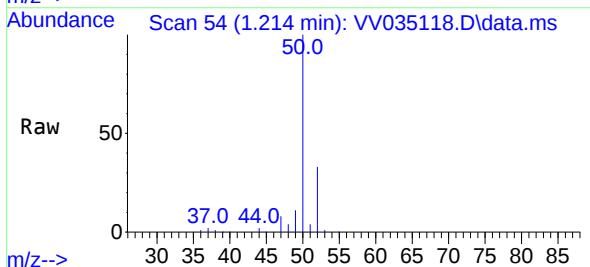
Instrument :
MSVOA_V
ClientSampleId :

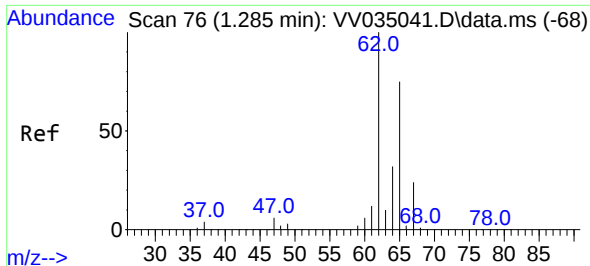
Tgt Ion: 85 Resp: 110399
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#3
Chloromethane
Concen: 46.281 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion: 50 Resp: 142462
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.8



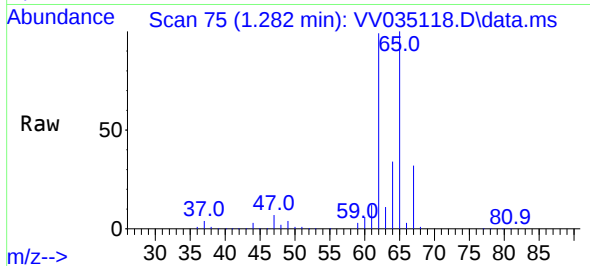


#5
Vinyl chloride
Concen: 47.162 ug/L
RT: 1.282 min Scan# 71
Delta R.T. -0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

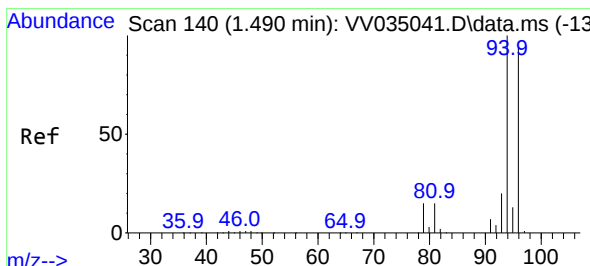
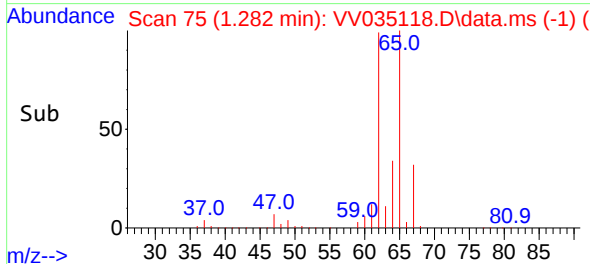
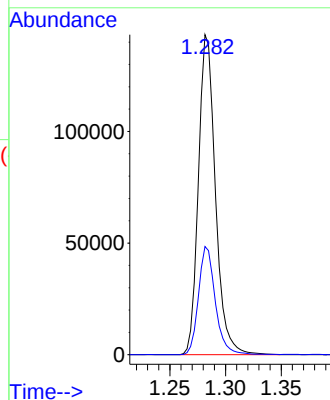
Instrument :

MSVOA_V

ClientSampleId :

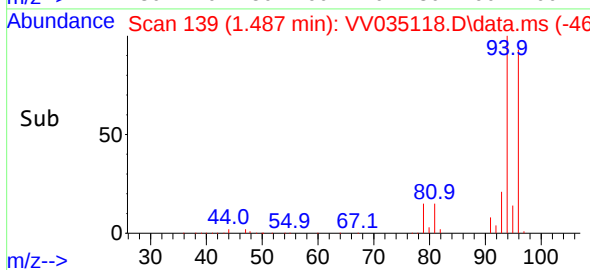
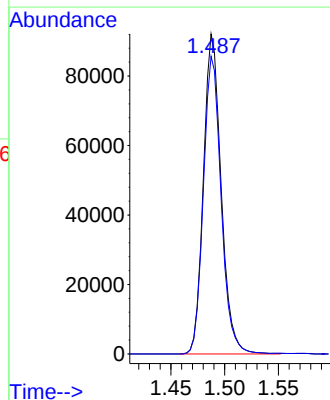
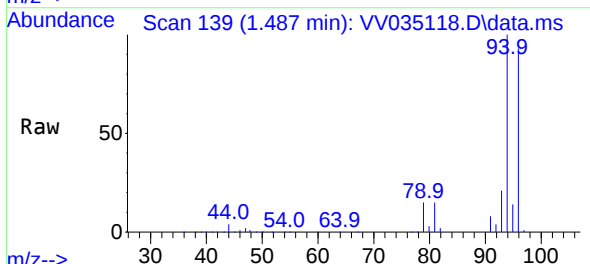


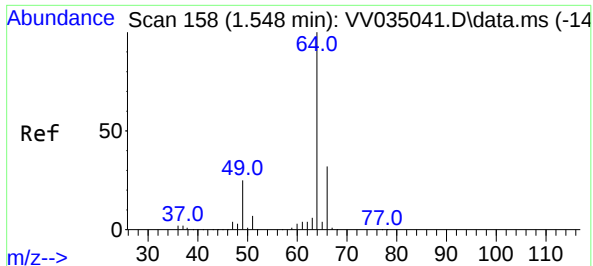
Tgt Ion: 62 Resp: 152191
Ion Ratio Lower Upper
62 100
64 33.8 23.6 43.8



#6
Bromomethane
Concen: 43.556 ug/L
RT: 1.487 min Scan# 139
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion: 94 Resp: 105357
Ion Ratio Lower Upper
94 100
96 93.0 66.3 123.1

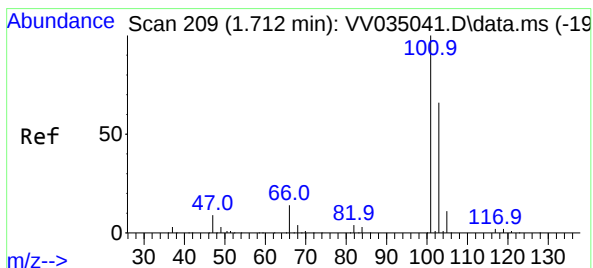
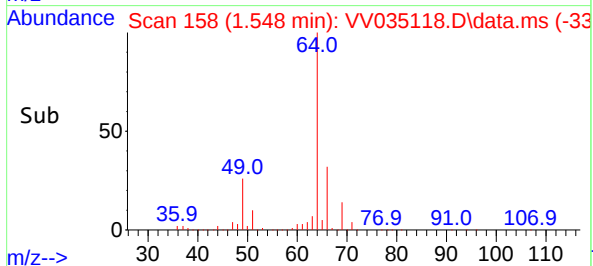
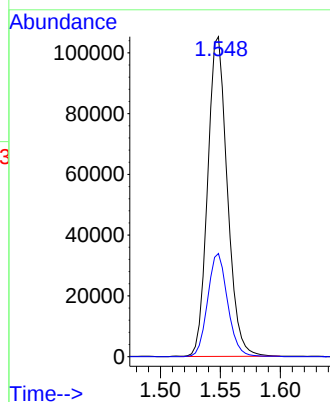
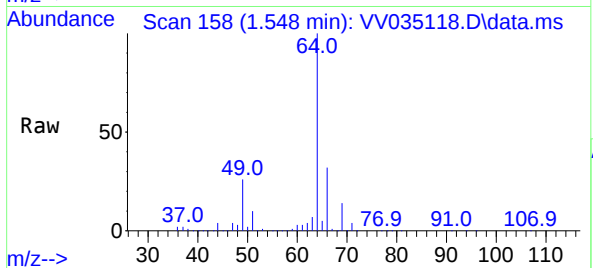




#8
Chloroethane
Concen: 54.494 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

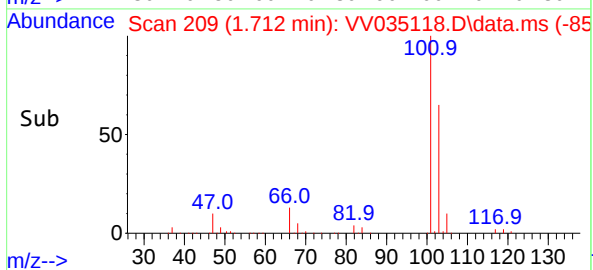
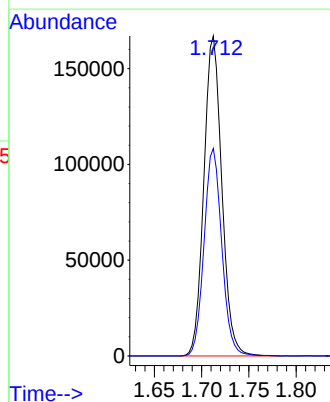
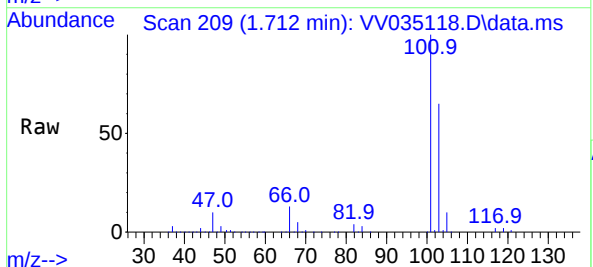
Instrument :
MSVOA_V
ClientSampleId :

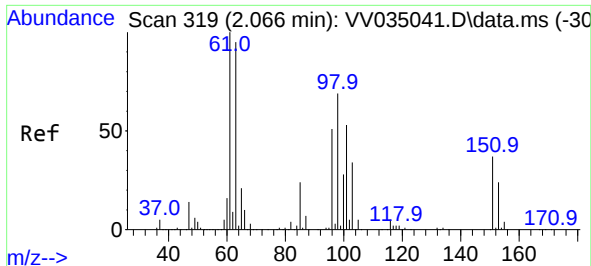
Tgt Ion: 64 Resp: 120100
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 52.168 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion:101 Resp: 220952
Ion Ratio Lower Upper
101 100
103 63.8 51.6 77.4

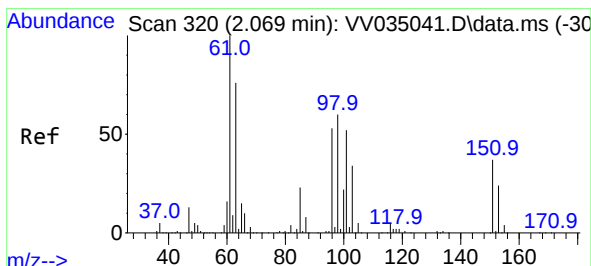
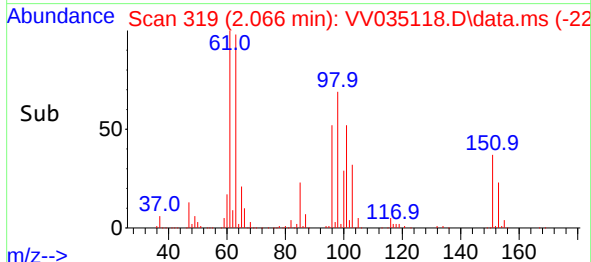
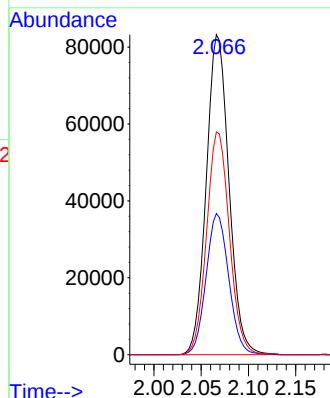
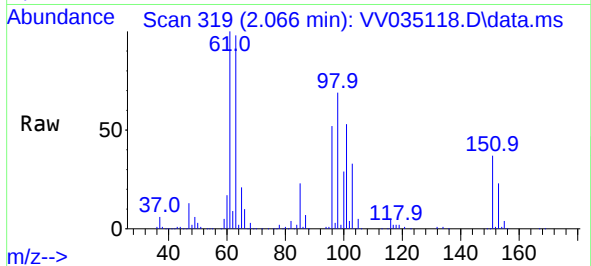




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.653 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

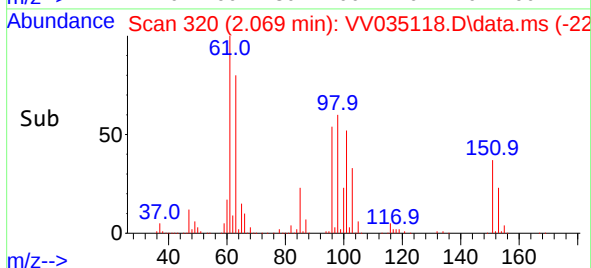
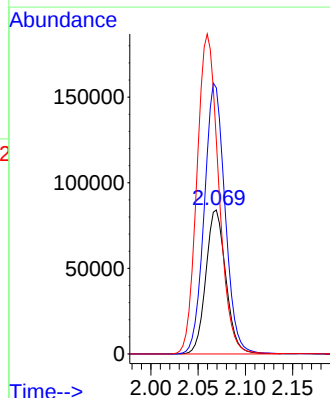
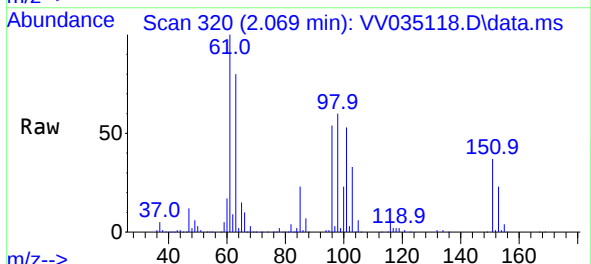
Instrument :
MSVOA_V
ClientSampleId :

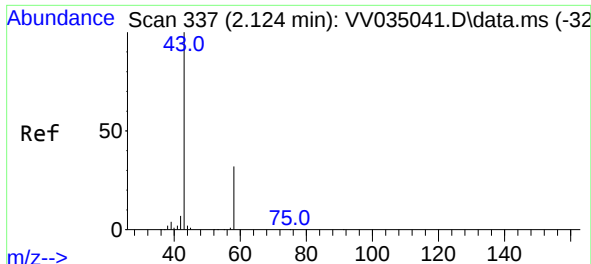
Tgt Ion:101 Resp: 139088
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 70.1 55.0 82.4



#12
1,1-Dichloroethene
Concen: 49.939 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion: 96 Resp: 123817
Ion Ratio Lower Upper
96 100
61 184.7 131.5 244.3
63 147.9 111.4 206.8





#13

Acetone

Concen: 116.504 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

Instrument :

MSVOA_V

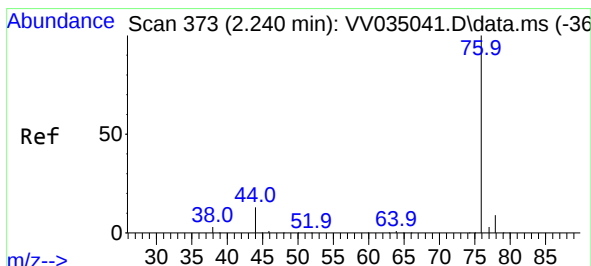
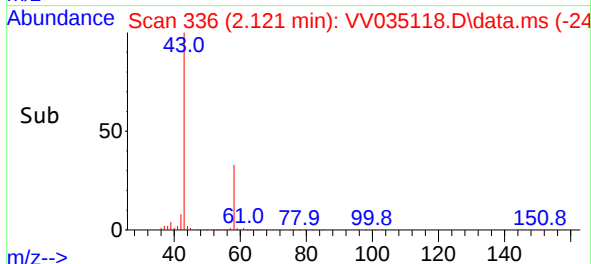
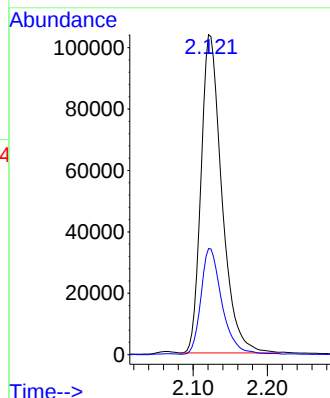
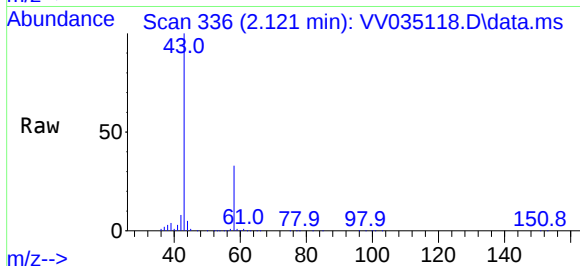
ClientSampleId :

Tgt Ion: 43 Resp: 202390

Ion Ratio Lower Upper

43 100

58 33.3 0.0 66.0



#14

Carbon disulfide

Concen: 42.966 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV035118.D

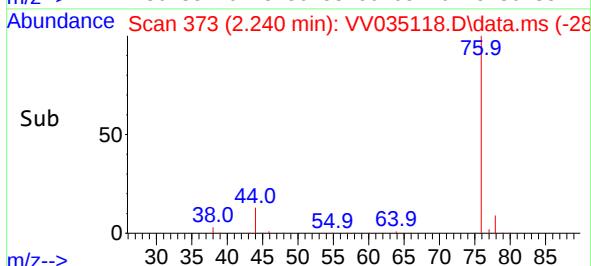
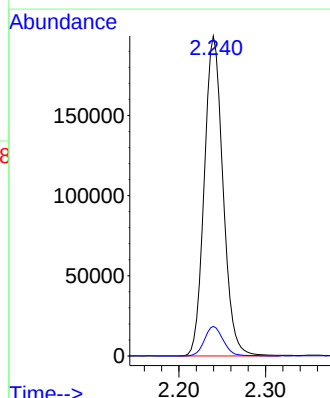
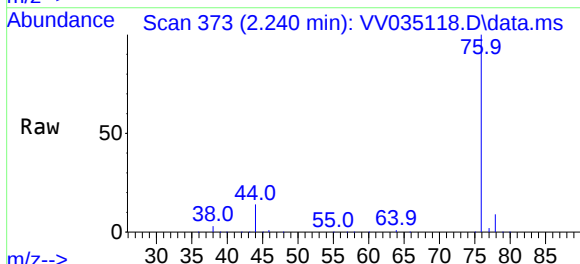
Acq: 10 Apr 2024 18:52

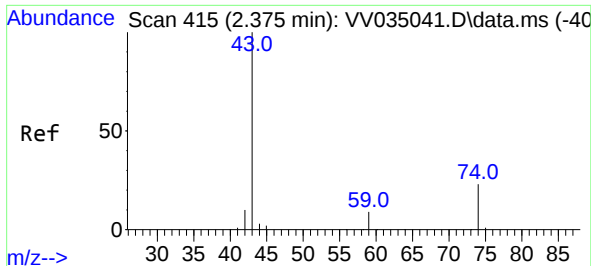
Tgt Ion: 76 Resp: 299997

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

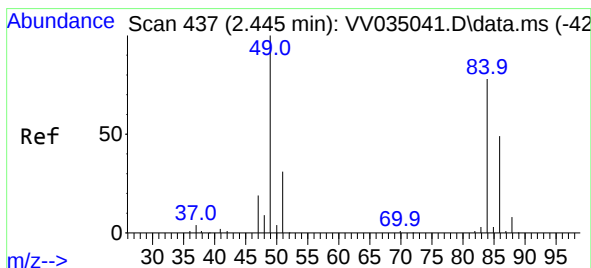
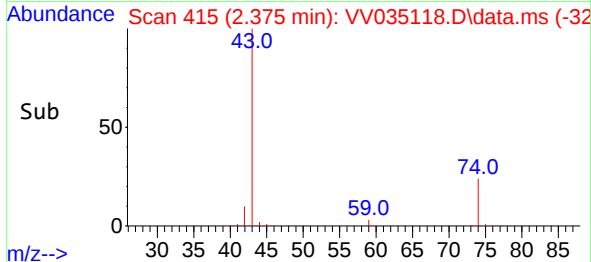
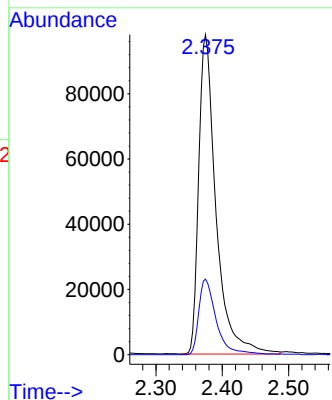
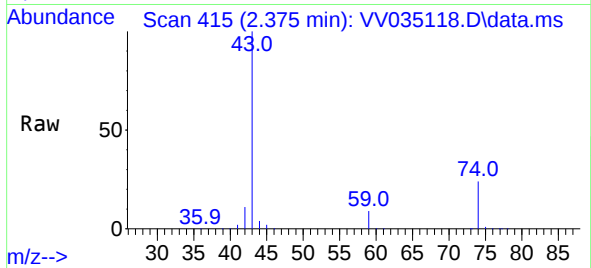




#15
Methyl Acetate
Concen: 64.781 ug/L
RT: 2.375 min Scan# 415
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

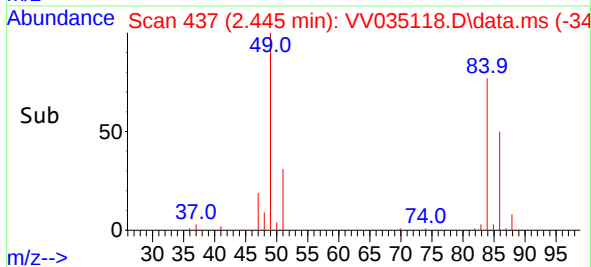
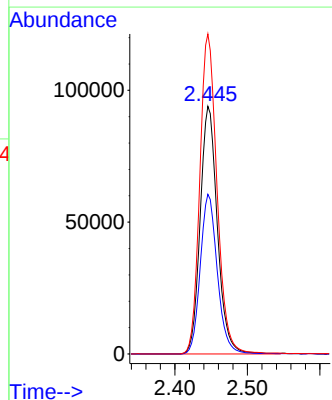
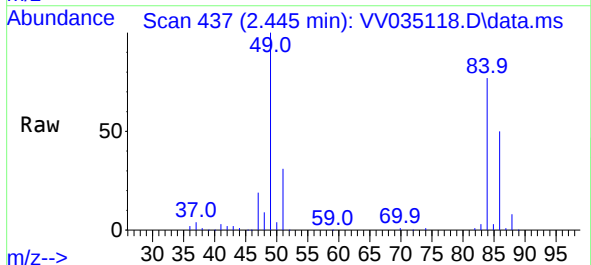
Instrument :
MSVOA_V
ClientSampleId :

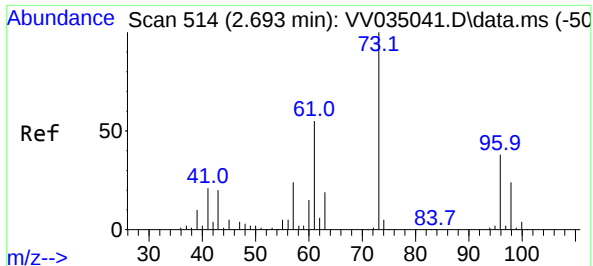
Tgt Ion: 43 Resp: 177343
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.8



#16
Methylene chloride
Concen: 57.594 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion: 84 Resp: 154726
Ion Ratio Lower Upper
84 100
86 64.5 44.6 82.8
49 129.2 86.9 161.3





#17

trans-1,2-Dichloroethene

Concen: 51.411 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

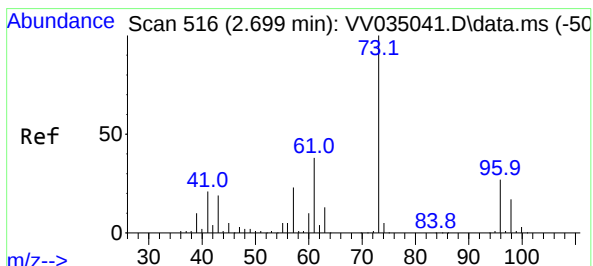
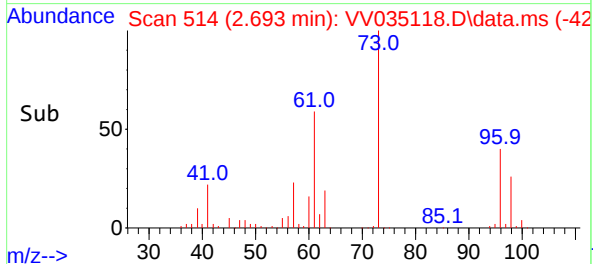
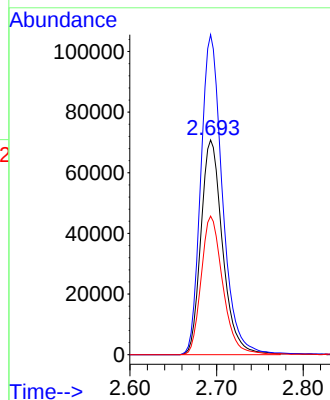
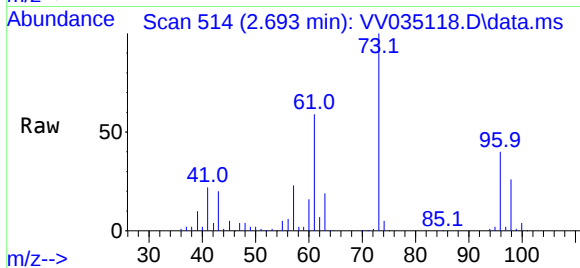
Tgt Ion: 96 Resp: 123236

Ion Ratio Lower Upper

96 100

61 149.0 99.0 183.8

98 64.5 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 56.418 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

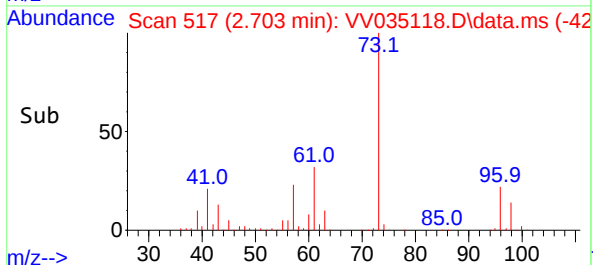
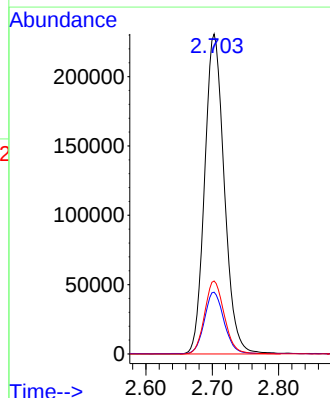
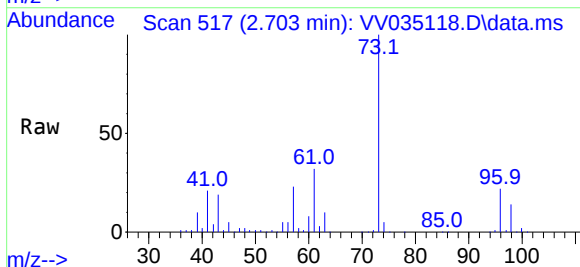
Tgt Ion: 73 Resp: 475016

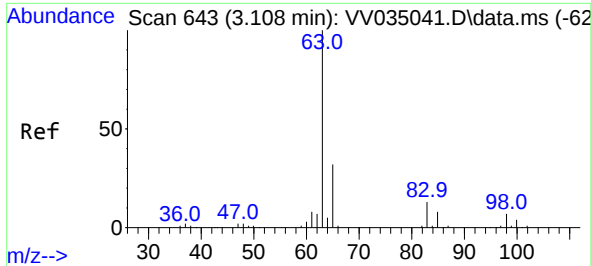
Ion Ratio Lower Upper

73 100

43 19.1 14.6 21.8

57 22.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 57.654 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

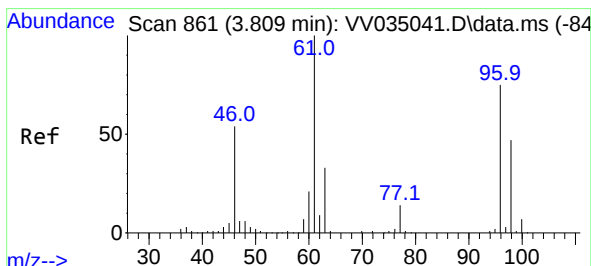
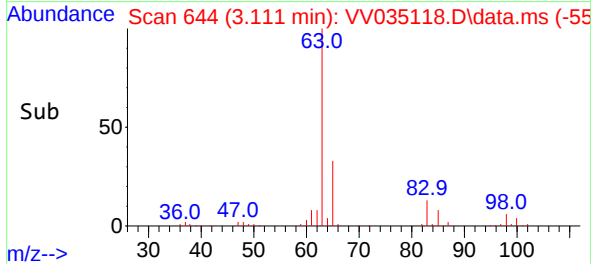
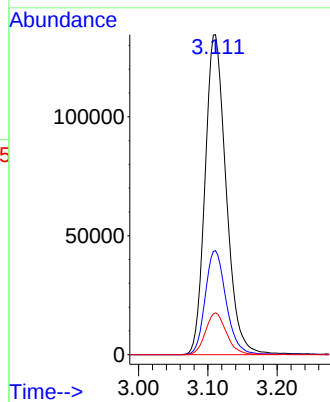
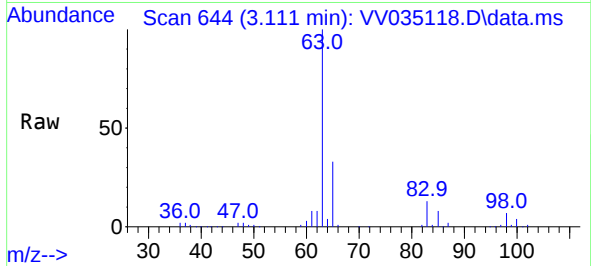
Tgt Ion: 63 Resp: 283408

Ion Ratio Lower Upper

63 100

65 32.5 23.0 42.6

83 13.1 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 55.451 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

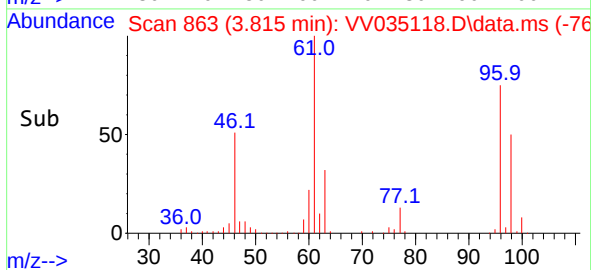
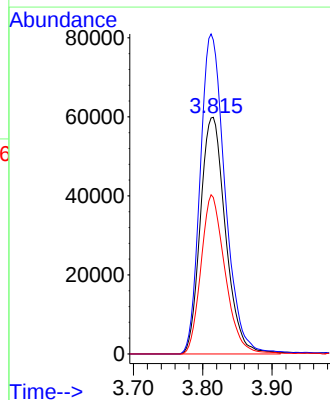
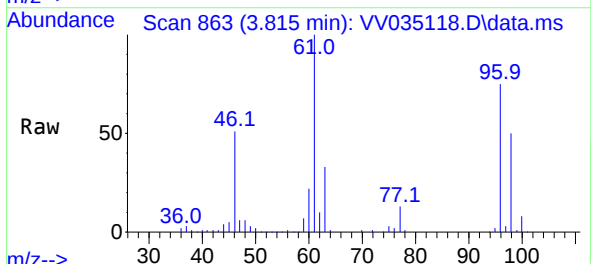
Tgt Ion: 96 Resp: 150940

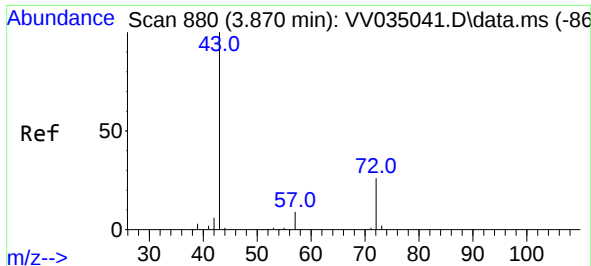
Ion Ratio Lower Upper

96 100

61 132.7 94.9 176.3

98 66.1 45.6 84.8

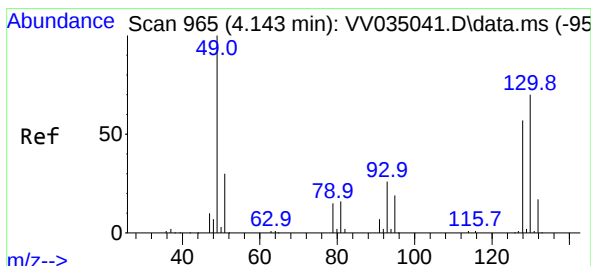
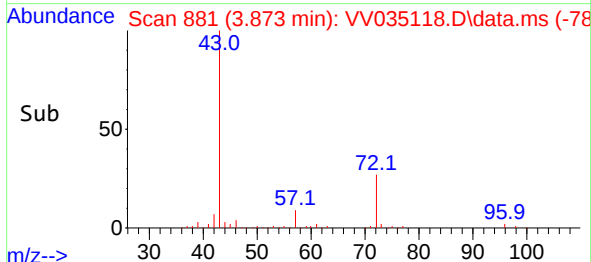
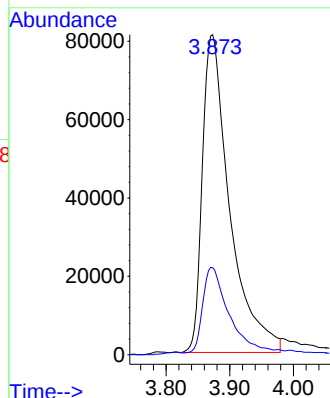
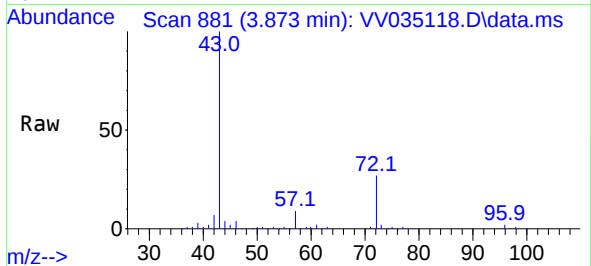




#22
2-Butanone
Concen: 120.222 ug/L
RT: 3.873 min Scan# 880
Delta R.T. 0.006 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

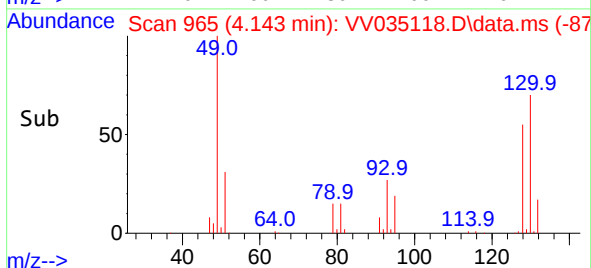
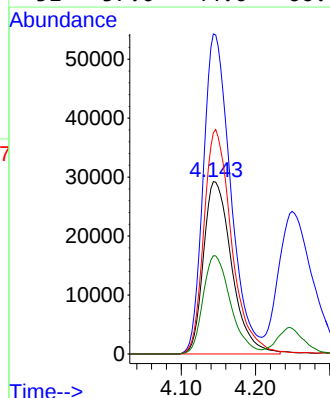
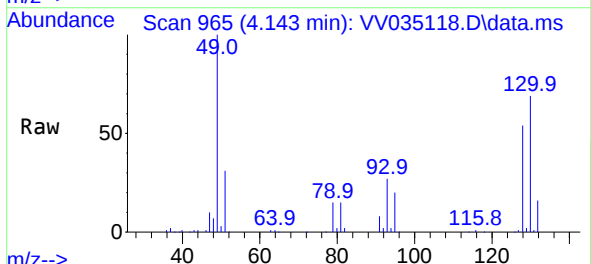
Instrument :
MSVOA_V
ClientSampleId :

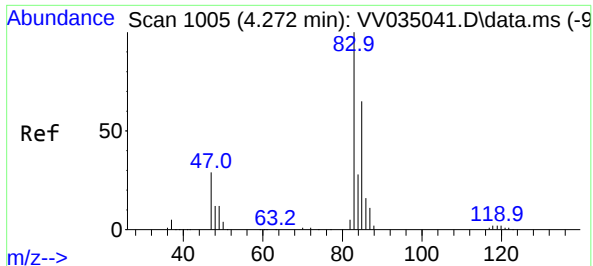
Tgt Ion: 43 Resp: 242346
Ion Ratio Lower Upper
43 100
72 25.7 13.2 39.6



#23
Bromochloromethane
Concen: 56.775 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion:128 Resp: 77321
Ion Ratio Lower Upper
128 100
49 185.7 123.8 229.8
130 128.3 93.2 173.0
51 57.0 44.0 66.0





#25

Chloroform

Concen: 58.368 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

Instrument :

MSVOA_V

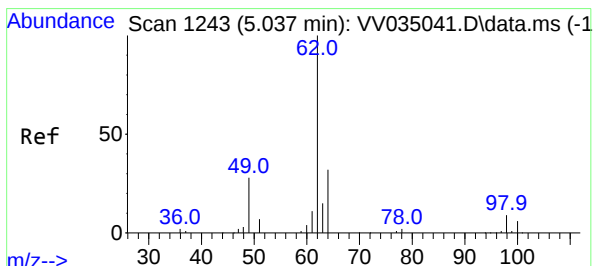
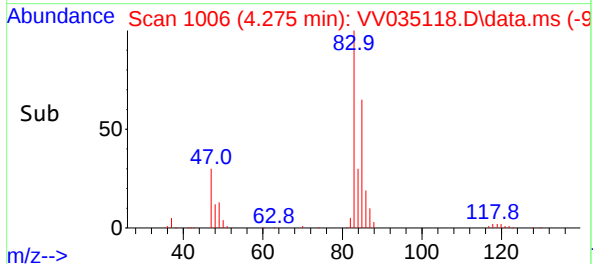
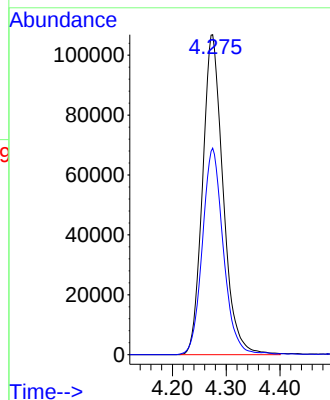
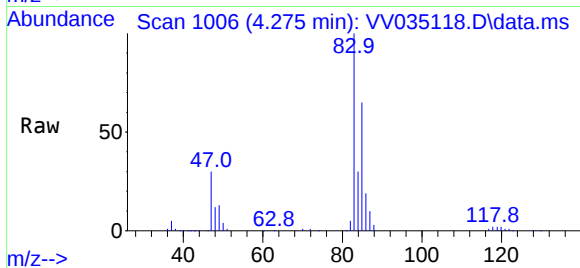
ClientSampleId :

Tgt Ion: 83 Resp: 283669

Ion Ratio Lower Upper

83 100

85 64.5 46.0 85.4



#27

1,2-Dichloroethane

Concen: 58.953 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV035118.D

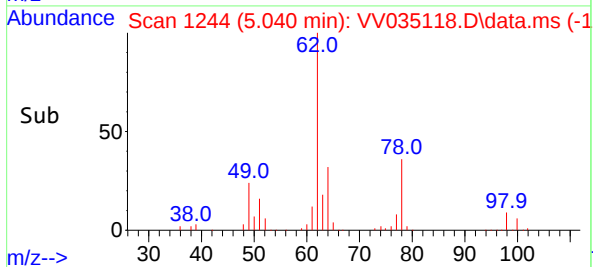
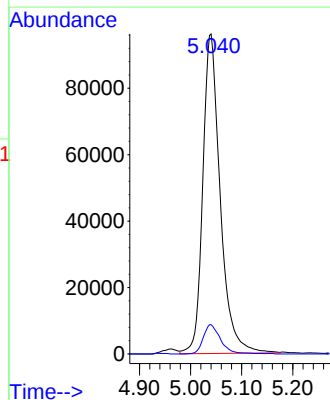
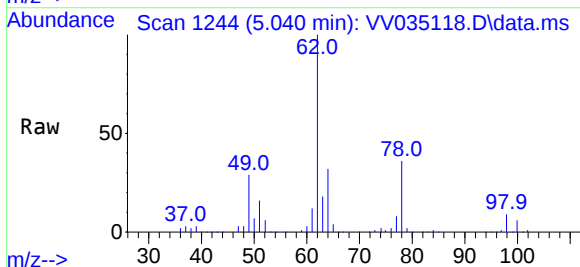
Acq: 10 Apr 2024 18:52

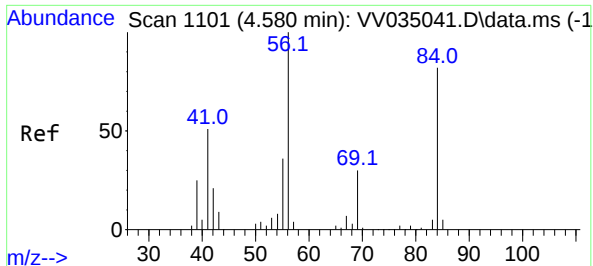
Tgt Ion: 62 Resp: 228119

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 50.739 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

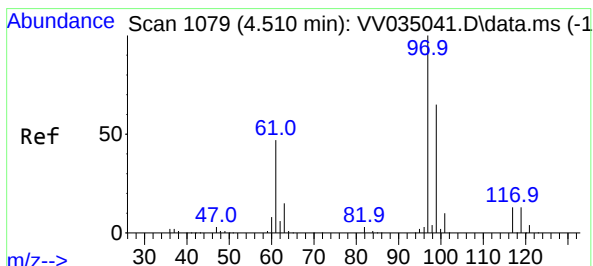
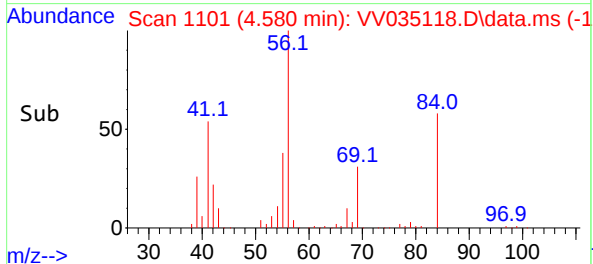
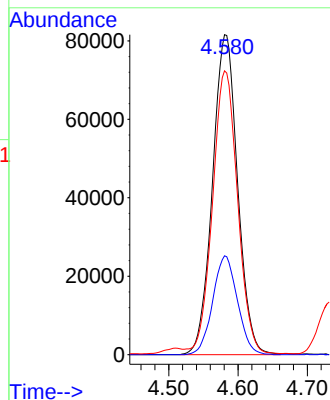
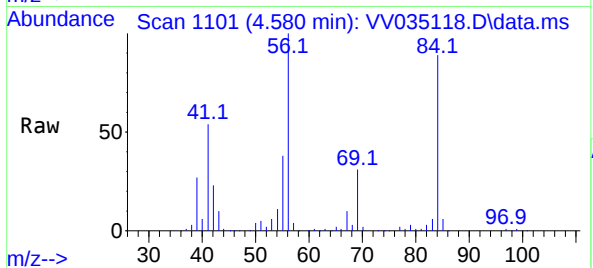
Tgt Ion: 56 Resp: 205445

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.2

84 87.8 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 55.878 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

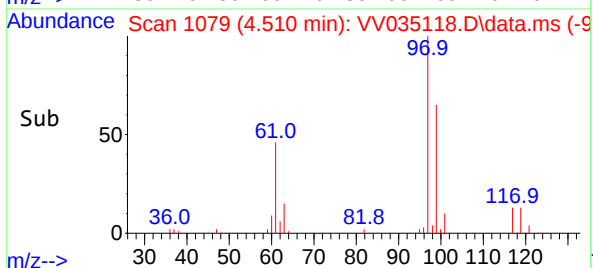
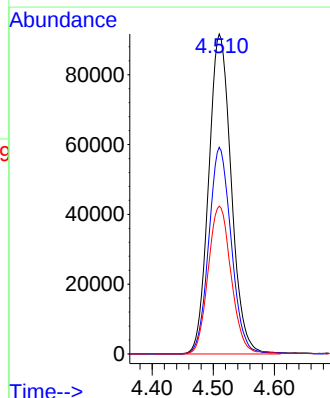
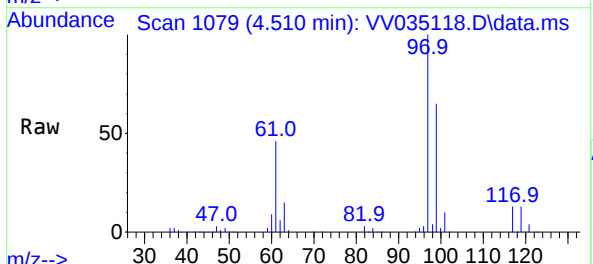
Tgt Ion: 97 Resp: 235469

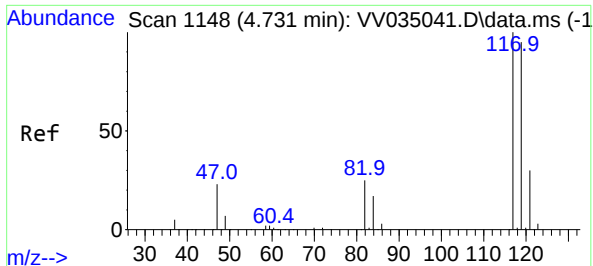
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

61 46.7 36.8 55.2

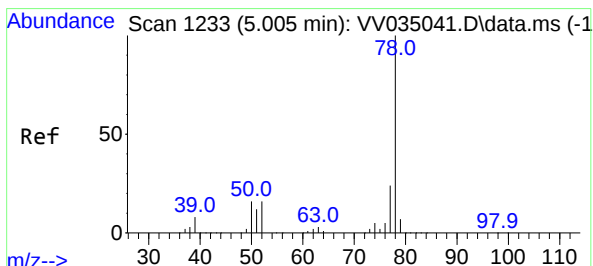
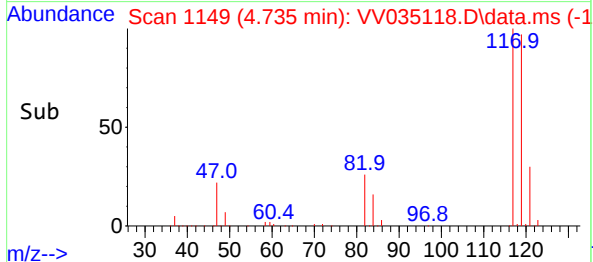
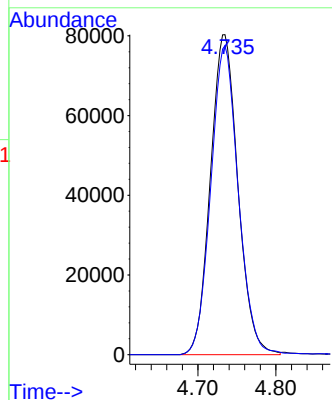
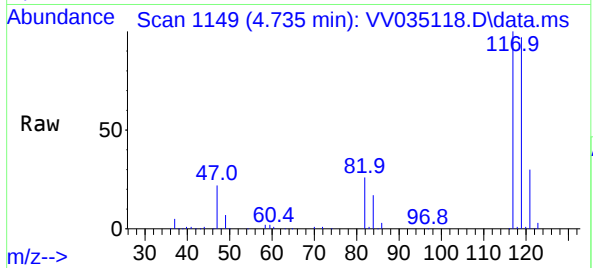




#31
Carbon tetrachloride
Concen: 55.077 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

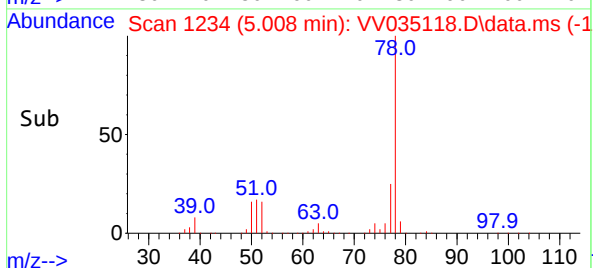
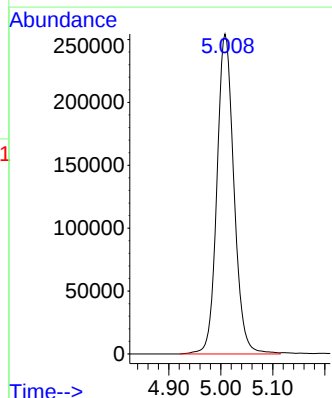
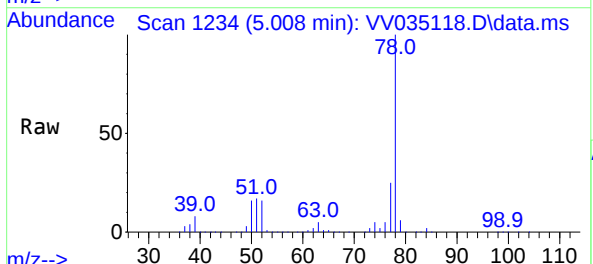
Instrument :
MSVOA_V
ClientSampleId :

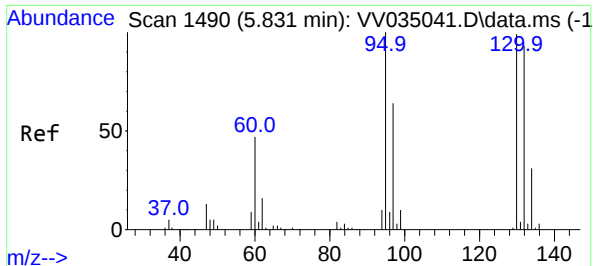
Tgt Ion:117 Resp: 196716
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7



#33
Benzene
Concen: 54.919 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion: 78 Resp: 578944

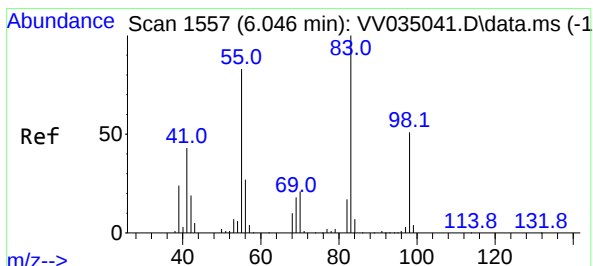
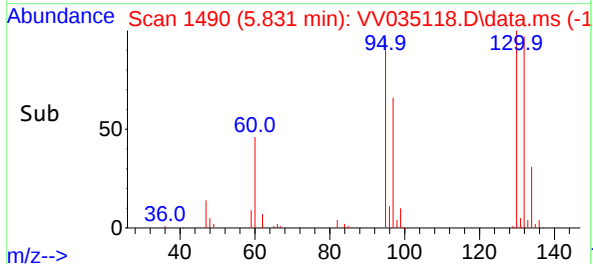
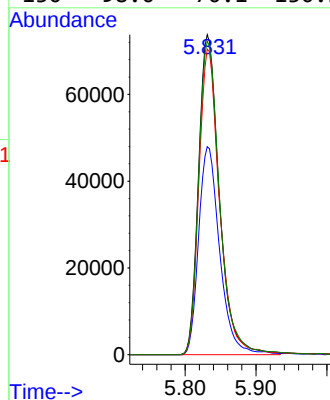
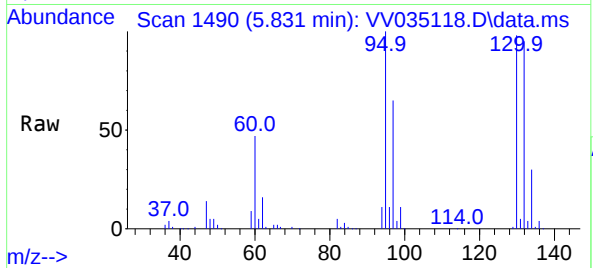




#34
Trichloroethene
Concen: 52.844 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

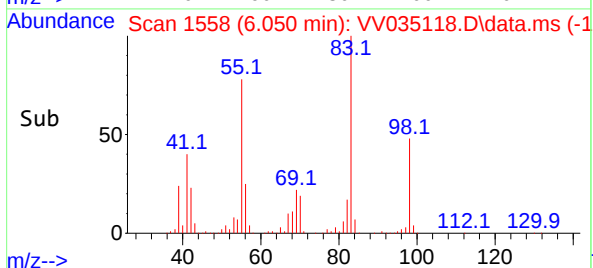
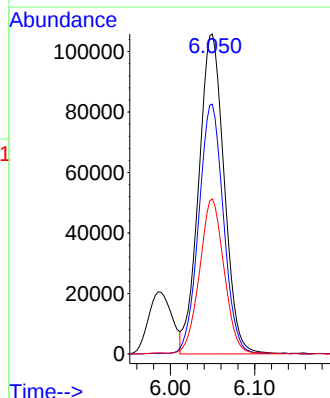
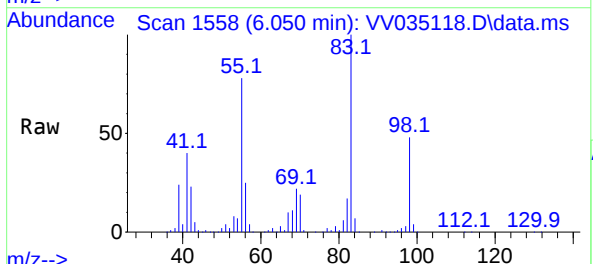
Instrument :
MSVOA_V
ClientSampleId :

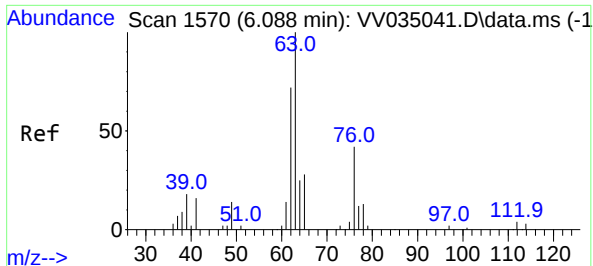
Tgt Ion: 95 Resp: 150340
Ion Ratio Lower Upper
95 100
97 65.0 45.3 84.1
132 95.5 65.3 121.3
130 98.0 70.1 130.3



#35
Methylcyclohexane
Concen: 51.655 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion: 83 Resp: 221939
Ion Ratio Lower Upper
83 100
55 75.8 60.0 90.0
98 47.0 37.6 56.4

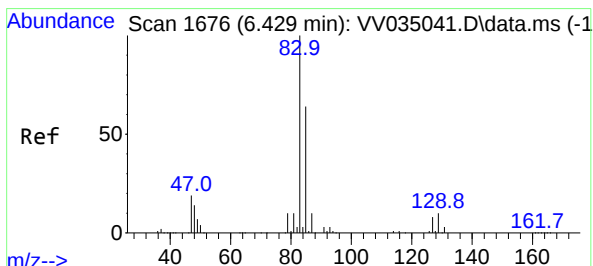
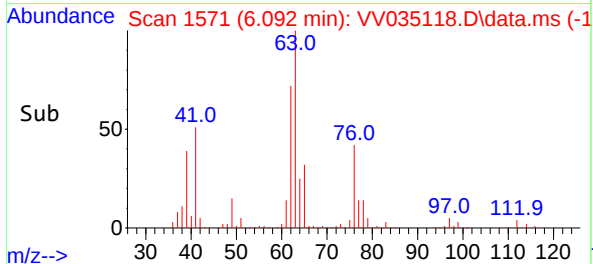
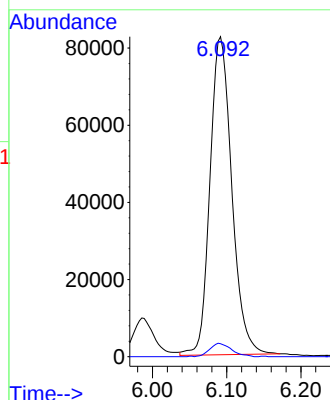
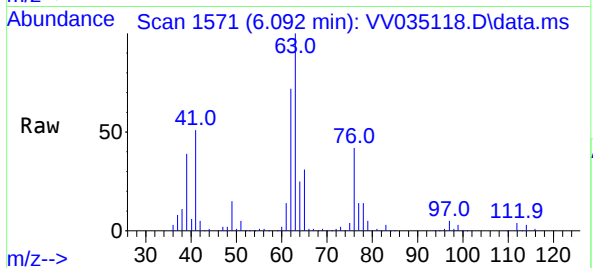




#37
1,2-Dichloropropane
Concen: 57.811 ug/L
RT: 6.092 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

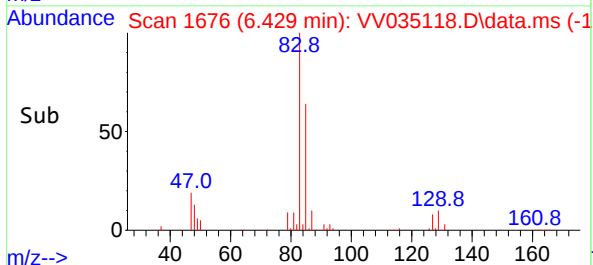
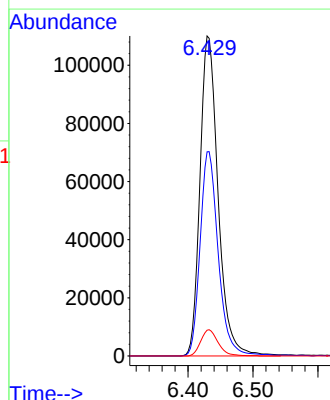
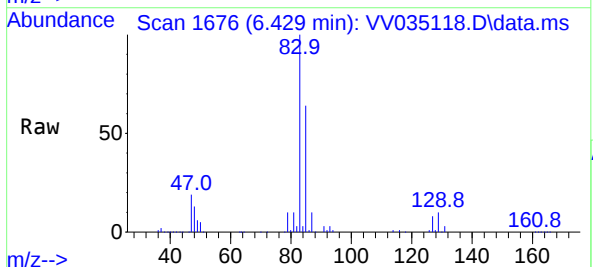
Instrument :
MSVOA_V
ClientSampleId :

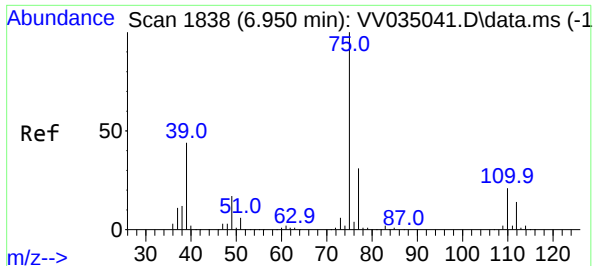
Tgt Ion: 63 Resp: 168417
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 57.006 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion: 83 Resp: 214274
Ion Ratio Lower Upper
83 100
85 63.8 43.7 81.1
127 8.1 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 54.658 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

Instrument :

MSVOA_V

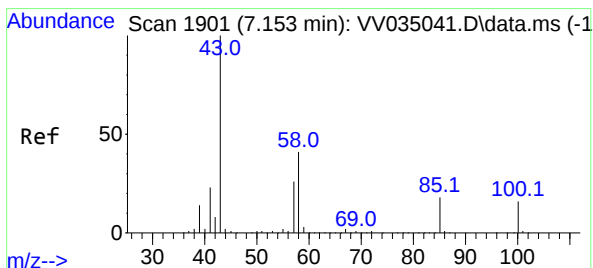
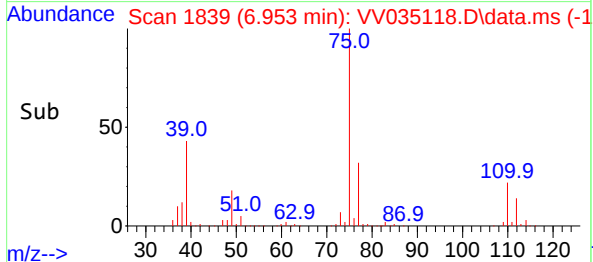
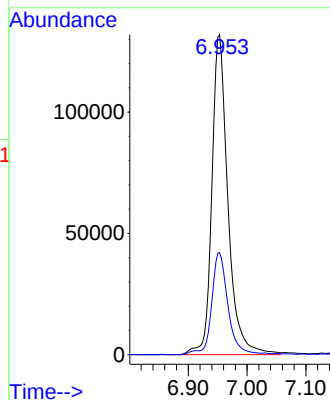
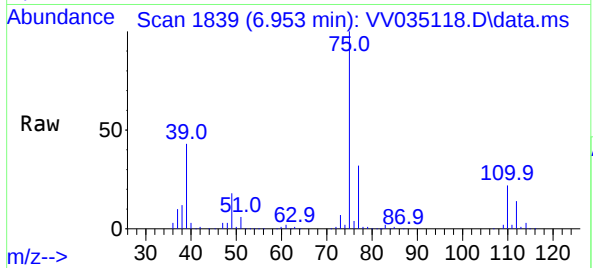
ClientSampleId :

Tgt Ion: 75 Resp: 250839

Ion Ratio Lower Upper

75 100

77 31.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 123.700 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

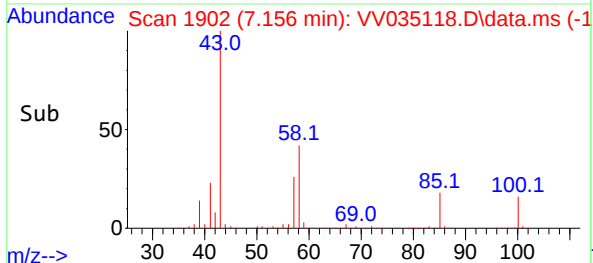
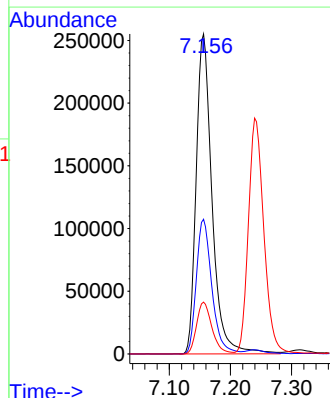
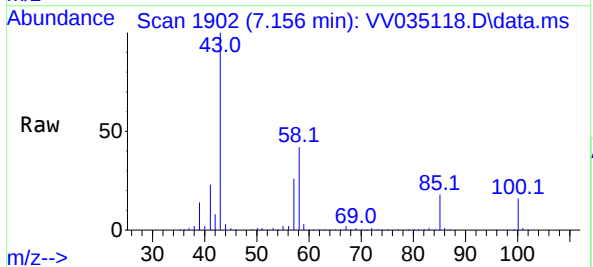
Tgt Ion: 43 Resp: 460104

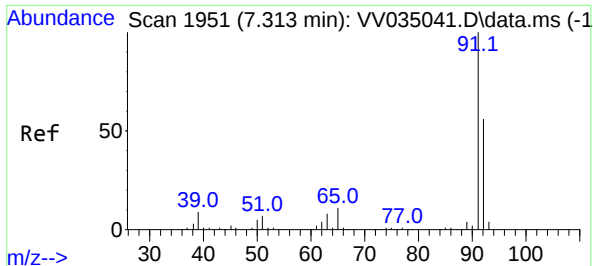
Ion Ratio Lower Upper

43 100

58 41.2 33.8 50.8

100 15.7 13.0 19.4





#42

Toluene

Concen: 55.819 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

Instrument :

MSVOA_V

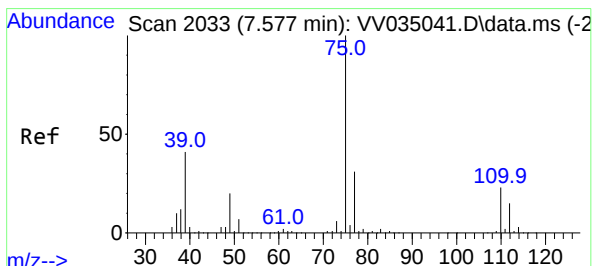
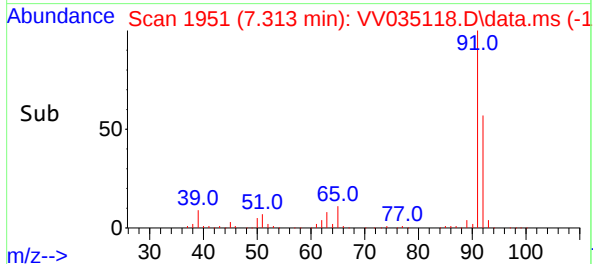
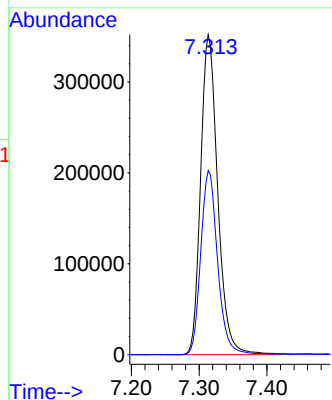
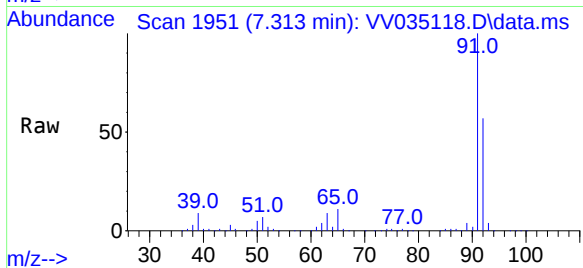
ClientSampleId :

Tgt Ion: 91 Resp: 616043

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 55.414 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035118.D

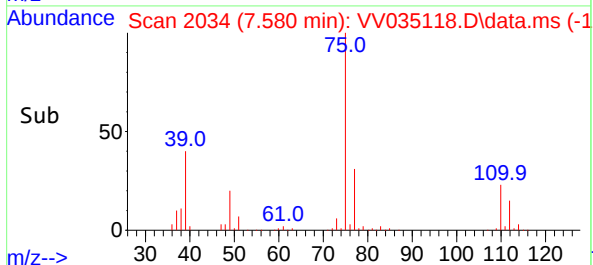
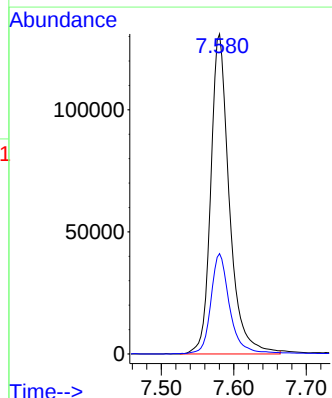
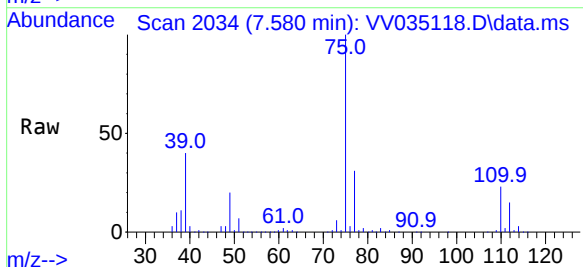
Acq: 10 Apr 2024 18:52

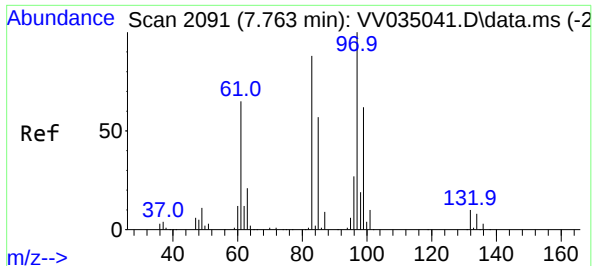
Tgt Ion: 75 Resp: 233636

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3



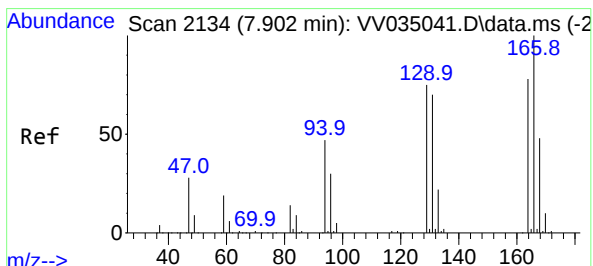
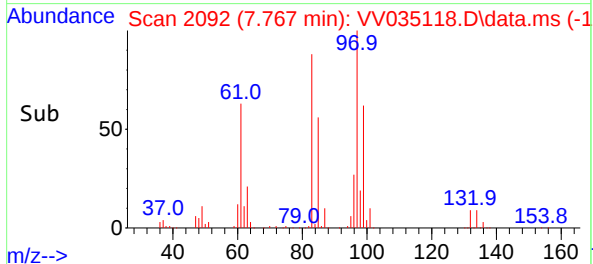
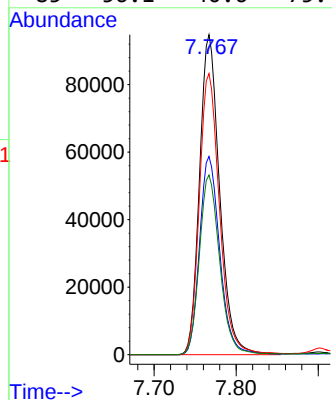
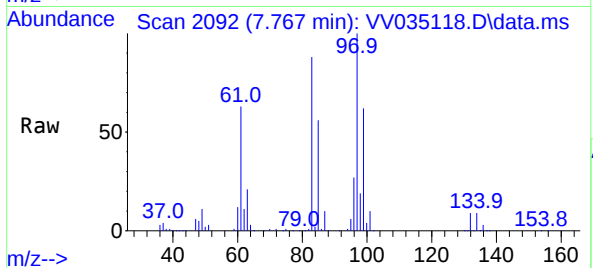


#45
1,1,2-Trichloroethane
Concen: 58.788 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 161423

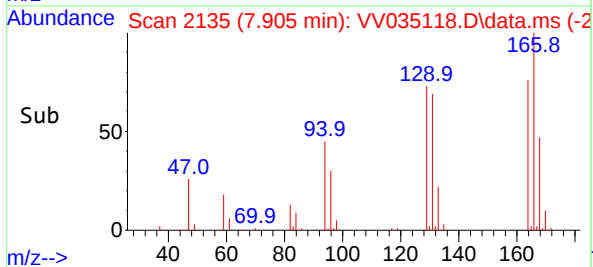
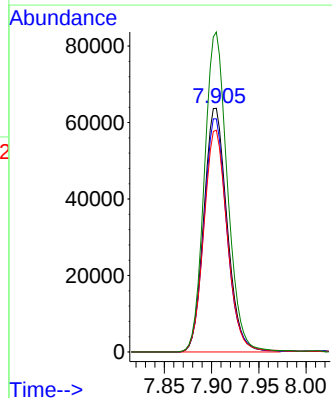
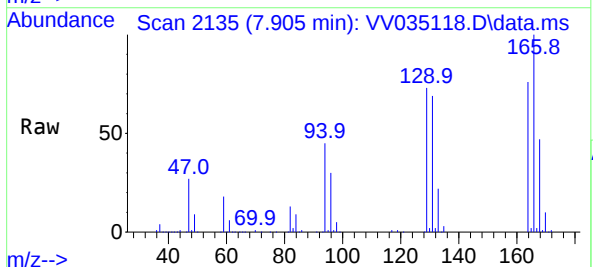
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.3
83	87.9	61.6	114.4
85	56.1	40.6	75.4

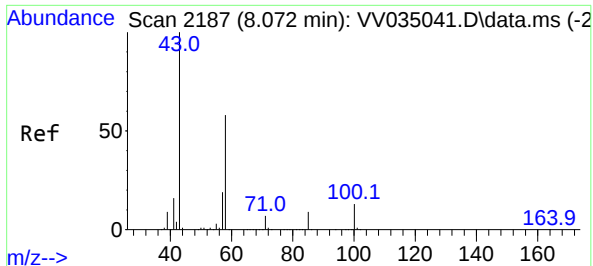


#46
Tetrachloroethene
Concen: 54.913 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion: 164 Resp: 109144

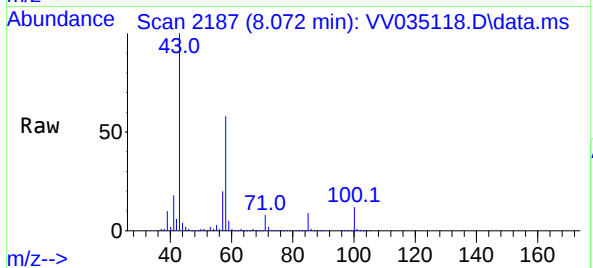
Ion	Ratio	Lower	Upper
164	100		
129	95.7	68.6	127.4
131	91.0	65.7	122.1
166	131.3	89.0	165.2



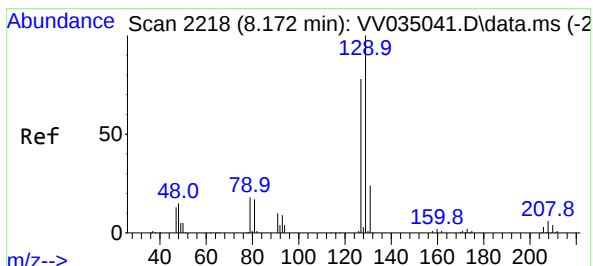
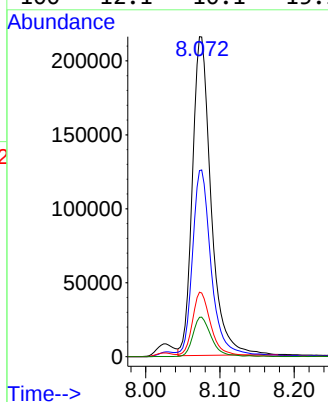
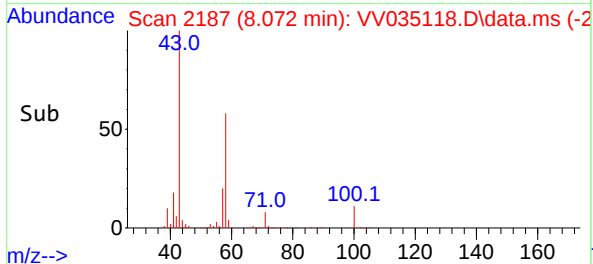


#48
2-Hexanone
Concen: 119.618 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Instrument :
MSVOA_V
ClientSampleId :

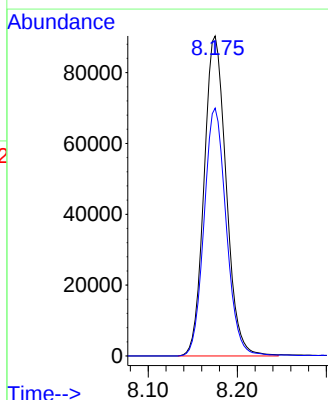
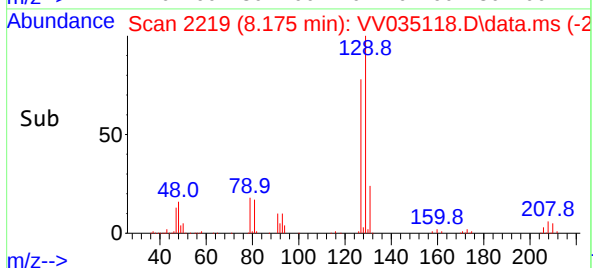
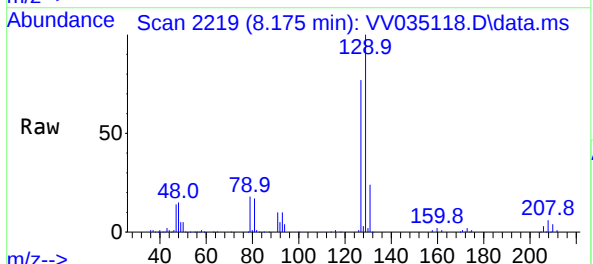


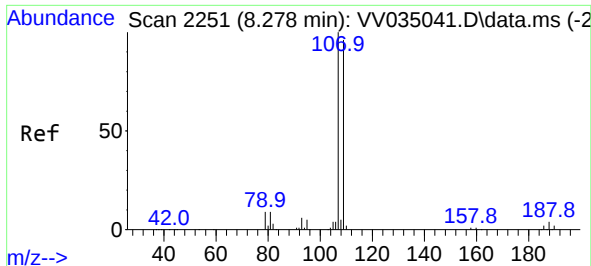
Tgt Ion: 43 Resp: 378408
Ion Ratio Lower Upper
43 100
58 57.0 45.4 68.2
57 19.8 16.2 24.4
100 12.1 10.1 15.1



#49
Dibromochloromethane
Concen: 57.152 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

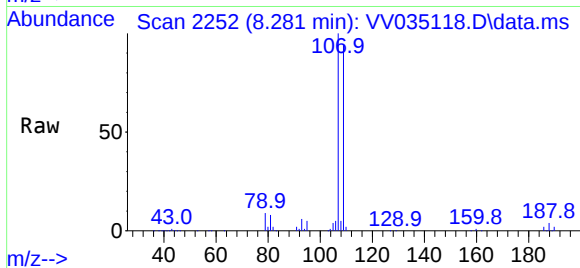
Tgt Ion: 129 Resp: 155429
Ion Ratio Lower Upper
129 100
127 77.5 54.1 100.5



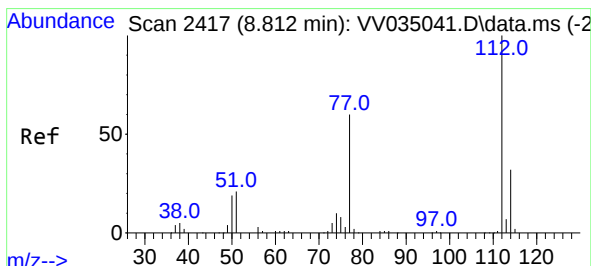
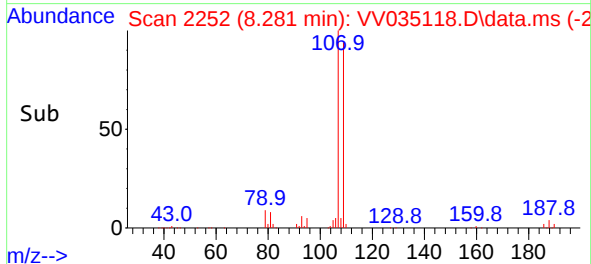
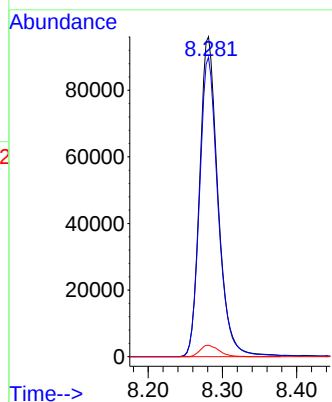


#50
1,2-Dibromoethane
Concen: 55.855 ug/L
RT: 8.281 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Instrument :
MSVOA_V
ClientSampleId :

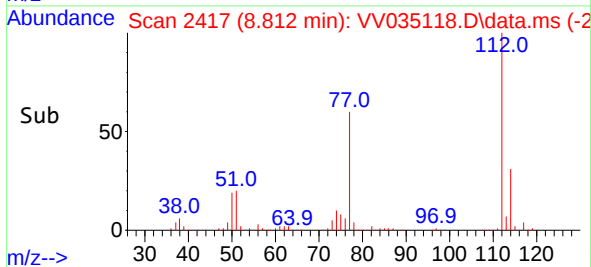
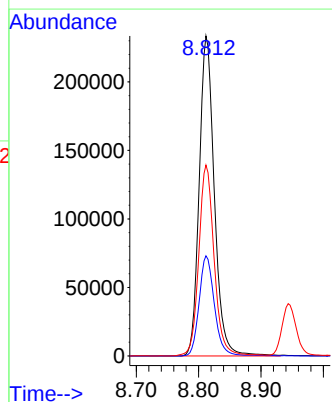
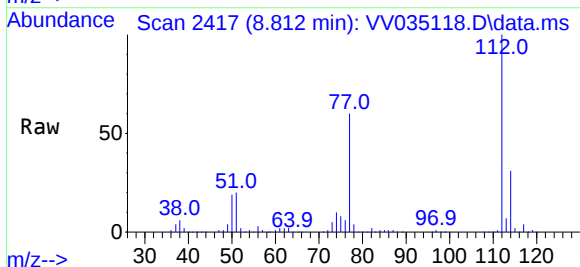


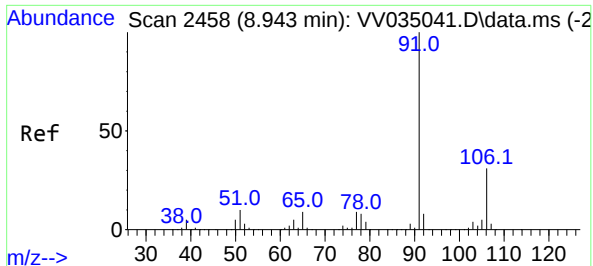
Tgt Ion:107 Resp: 165118
Ion Ratio Lower Upper
107 100
109 93.5 64.5 119.9
188 3.6 2.8 4.2



#51
Chlorobenzene
Concen: 55.037 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion:112 Resp: 393680
Ion Ratio Lower Upper
112 100
114 31.3 22.0 41.0
77 59.7 47.4 71.2

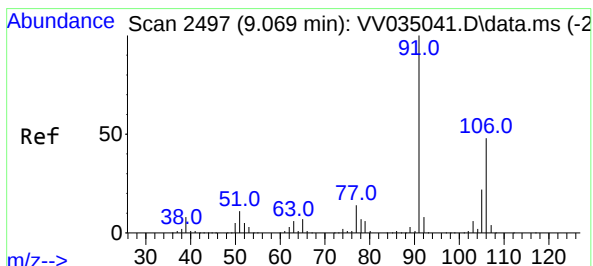
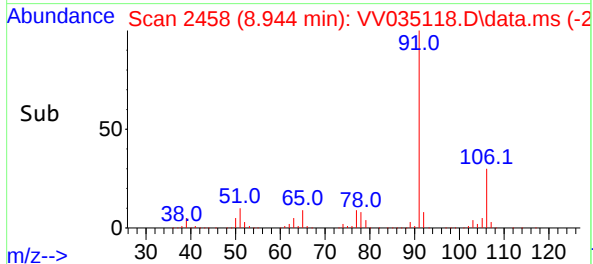
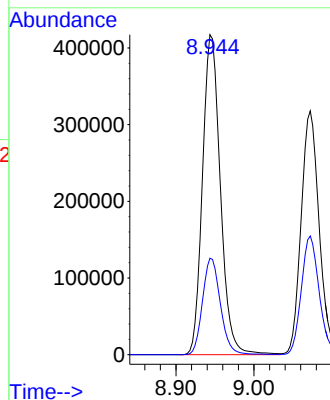
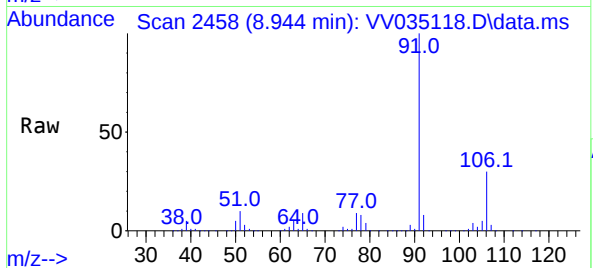




#52
Ethylbenzene
Concen: 54.461 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

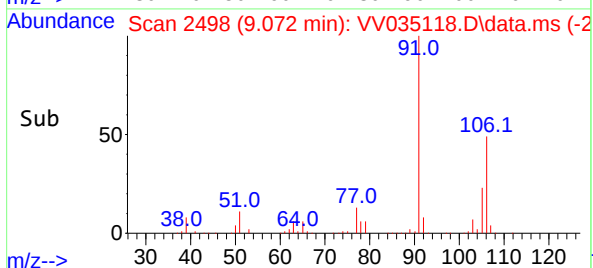
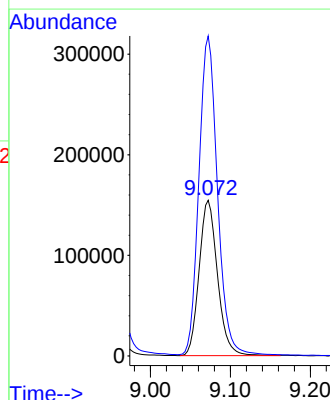
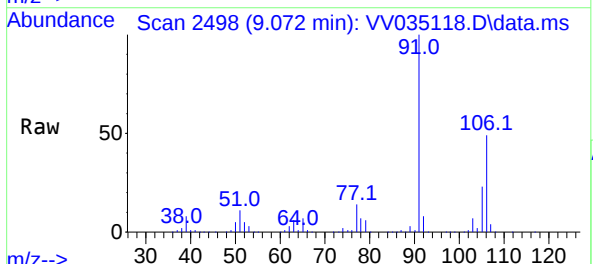
Instrument :
MSVOA_V
ClientSampleId :

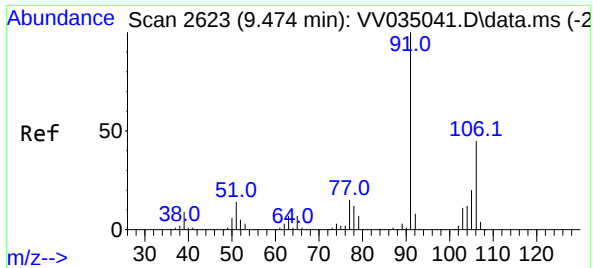
Tgt Ion: 91 Resp: 666148
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5



#53
m,p-Xylene
Concen: 54.823 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion: 106 Resp: 246949
Ion Ratio Lower Upper
106 100
91 205.5 144.8 269.0

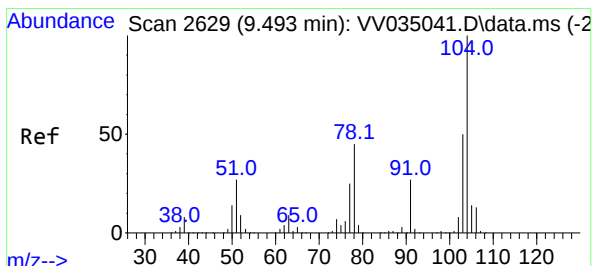
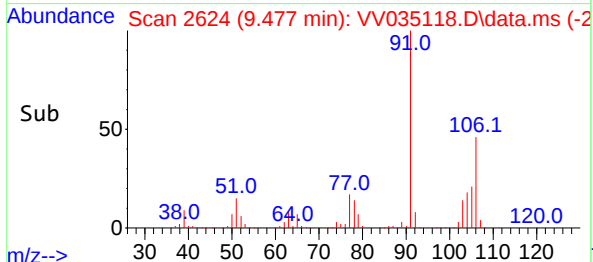
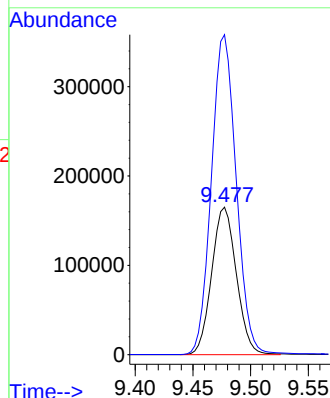
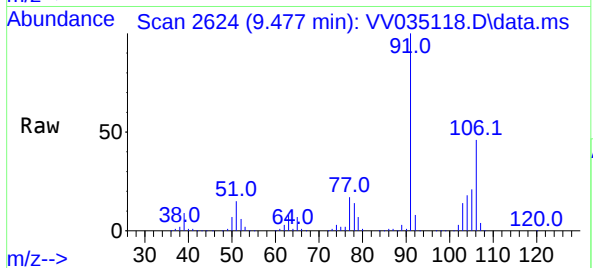




#54
o-Xylene
Concen: 55.166 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

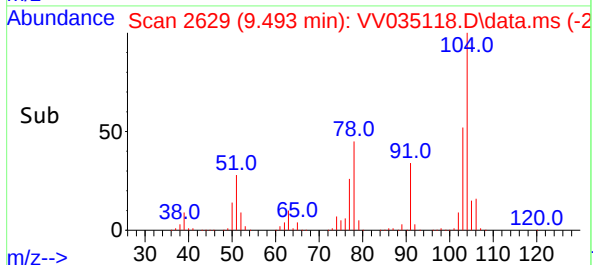
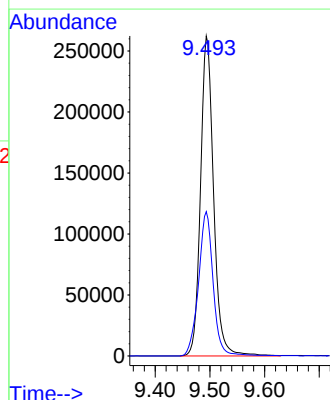
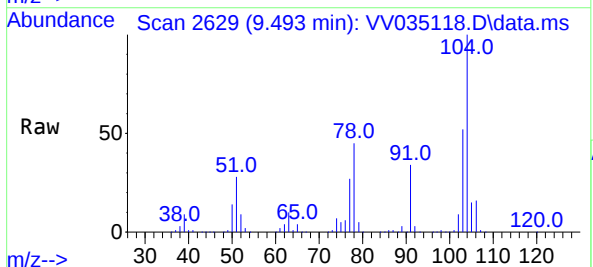
Instrument :
MSVOA_V
ClientSampleId :

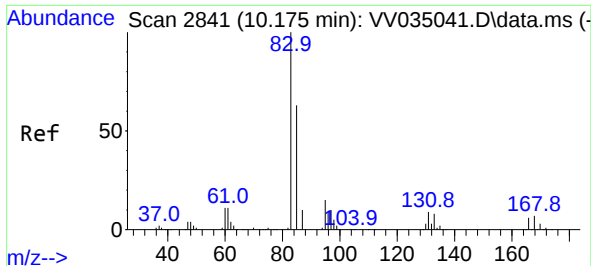
Tgt Ion:106 Resp: 245869
Ion Ratio Lower Upper
106 100
91 216.9 151.3 280.9



#55
Styrene
Concen: 57.789 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

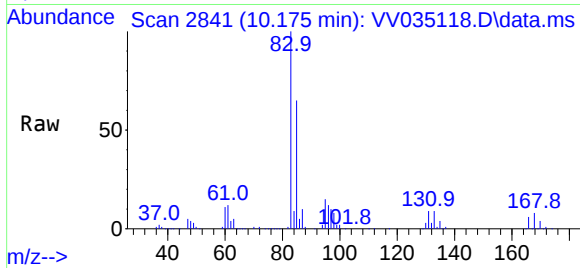
Tgt Ion:104 Resp: 435249
Ion Ratio Lower Upper
104 100
78 45.1 31.5 58.5



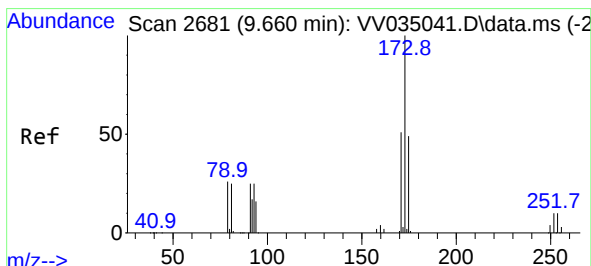
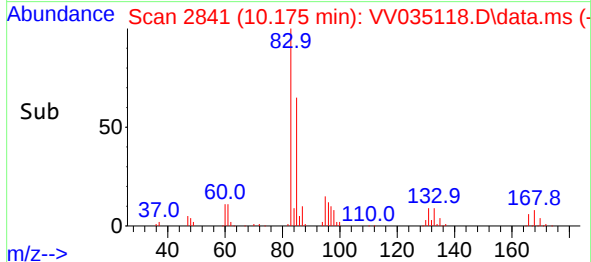
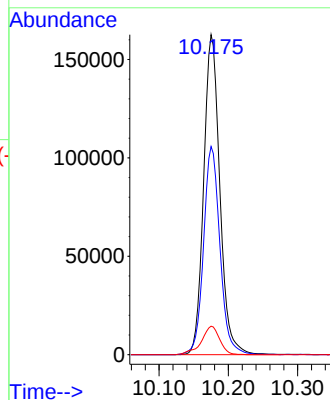


#57
1,1,2,2-Tetrachloroethane
Concen: 59.295 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Instrument :
MSVOA_V
ClientSampleId :

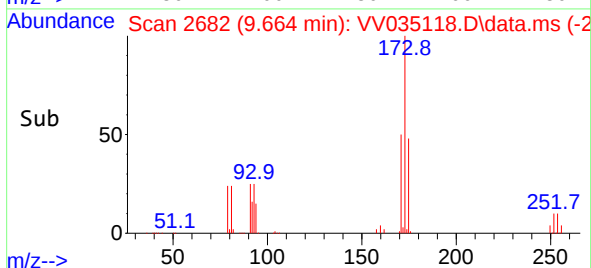
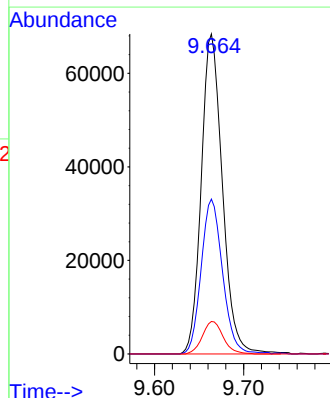
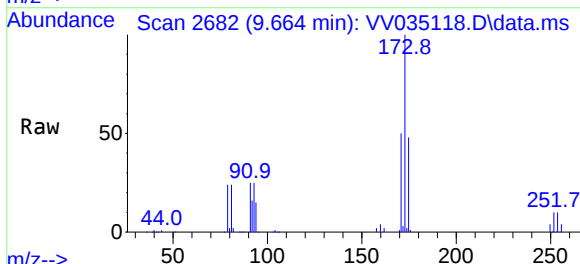


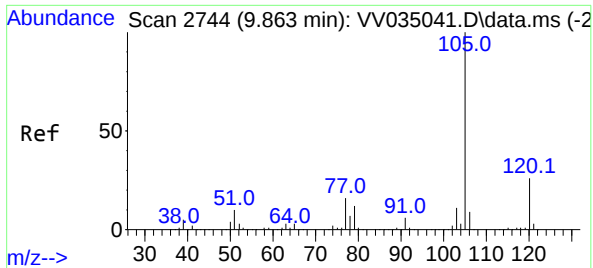
Tgt Ion: 83 Resp: 263798
Ion Ratio Lower Upper
83 100
85 65.0 44.5 82.7
131 8.9 6.9 10.3



#59
Bromoform
Concen: 57.052 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion: 173 Resp: 112714
Ion Ratio Lower Upper
173 100
175 48.9 39.3 58.9
254 10.0 7.5 11.3

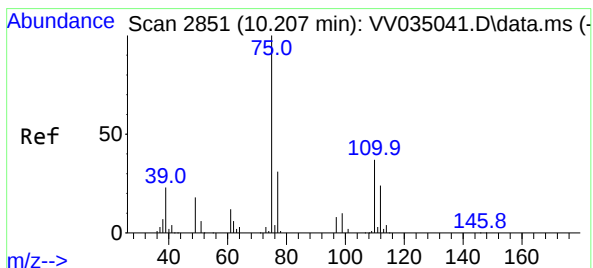
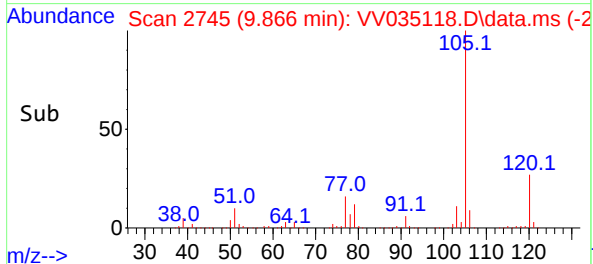
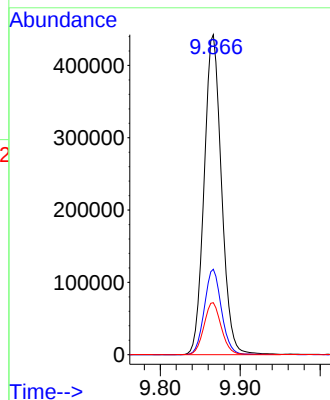
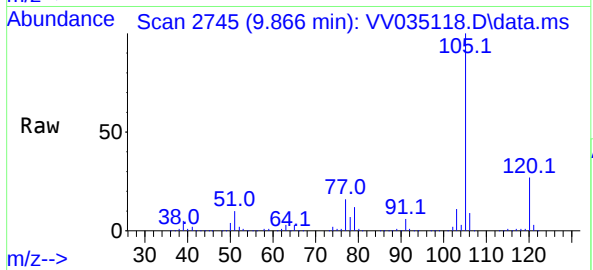




#60
Isopropylbenzene
Concen: 53.868 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

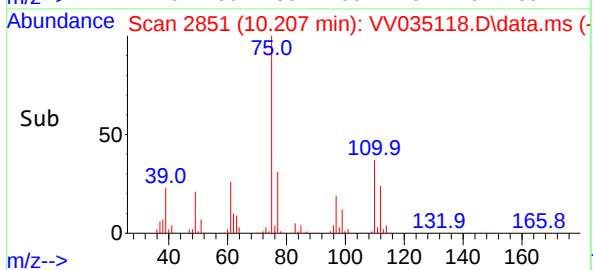
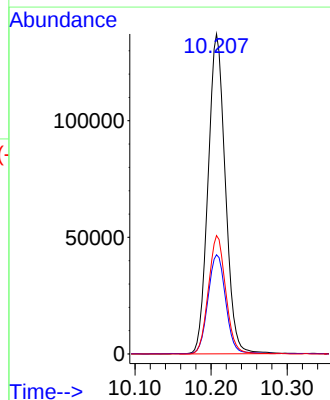
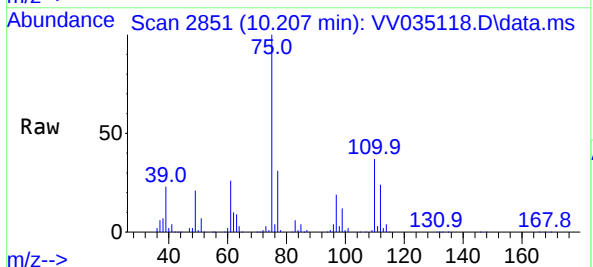
Instrument :
MSVOA_V
ClientSampleId :

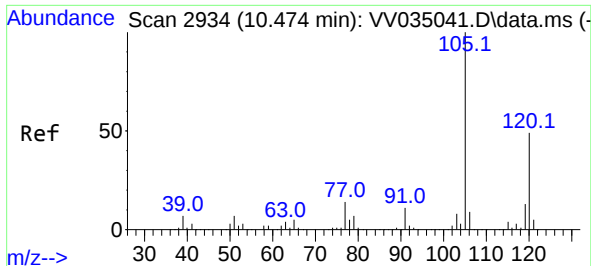
Tgt Ion:105 Resp: 669493
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 16.3 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 57.798 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

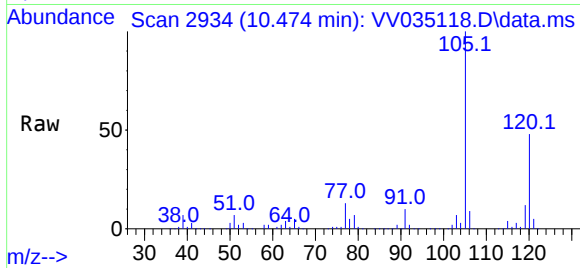
Tgt Ion: 75 Resp: 215919
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 37.2 30.5 45.7



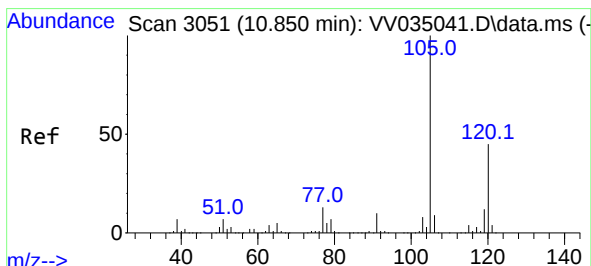
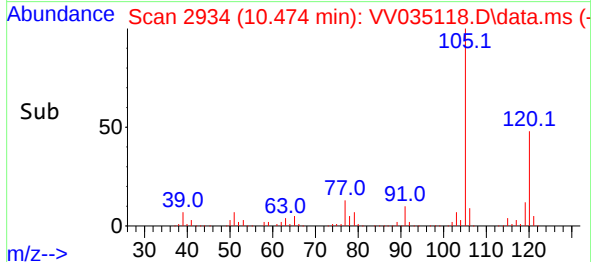
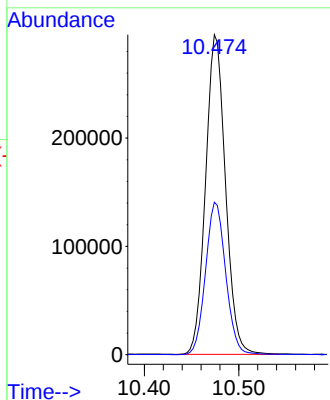


#62
1,3,5-Trimethylbenzene
Concen: 53.448 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Instrument :
MSVOA_V
ClientSampleId :

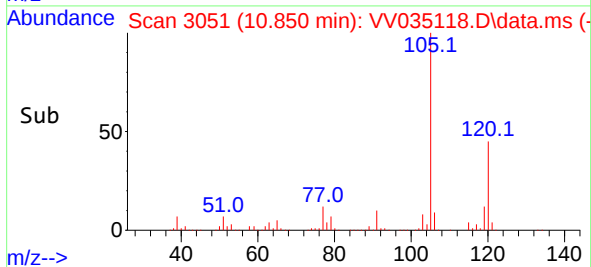
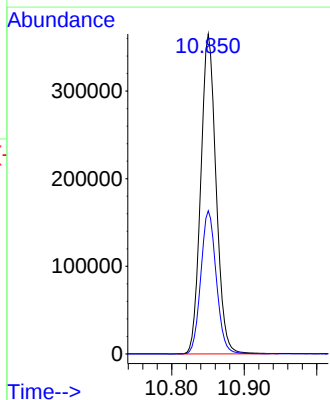
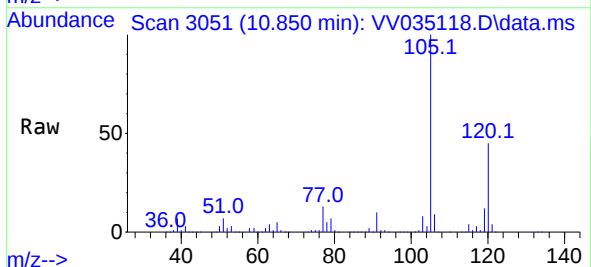


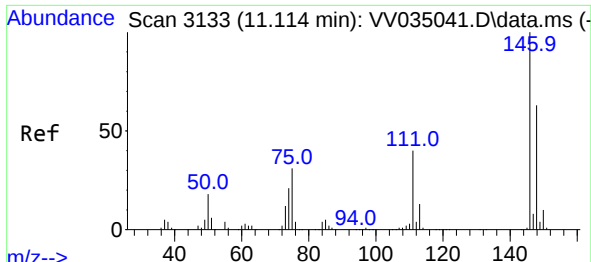
Tgt Ion:105 Resp: 431416
Ion Ratio Lower Upper
105 100
120 48.5 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 53.722 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

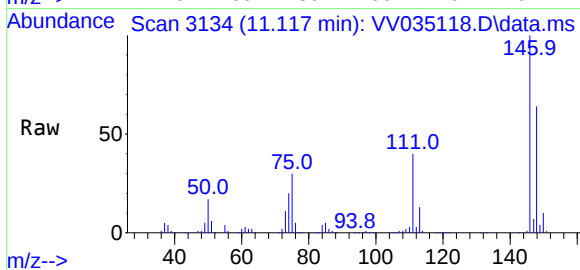
Tgt Ion:105 Resp: 536121
Ion Ratio Lower Upper
105 100
120 45.1 35.9 53.9



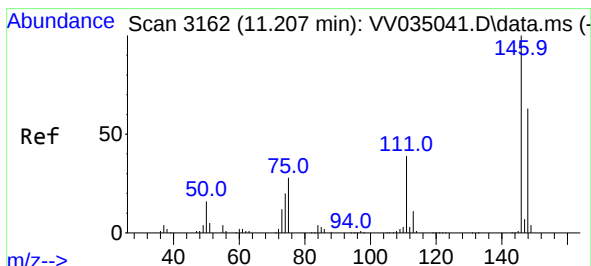
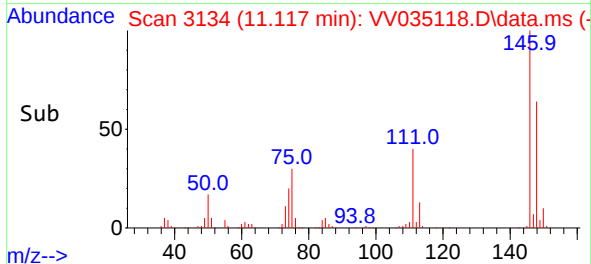
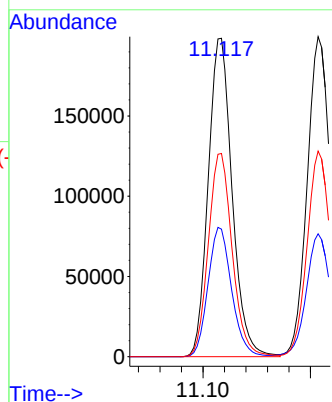


#64
1,3-Dichlorobenzene
Concen: 52.727 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Instrument :
MSVOA_V
ClientSampleId :

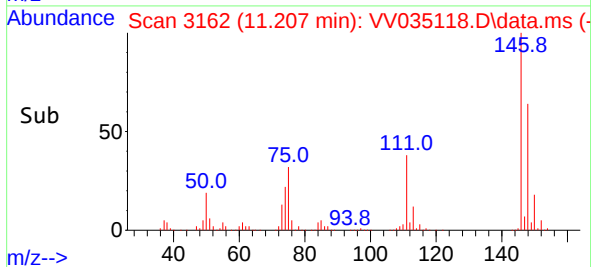
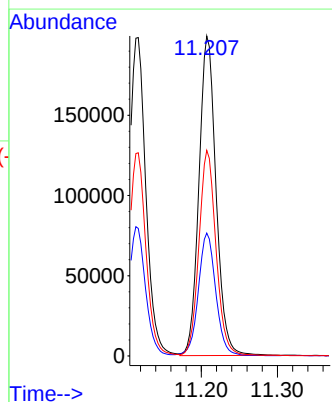
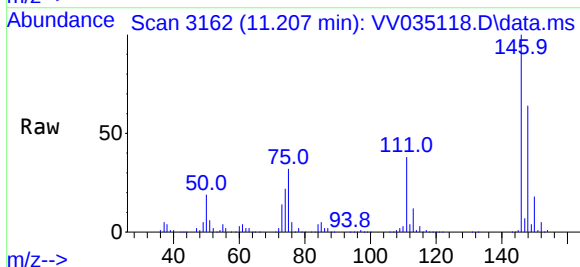


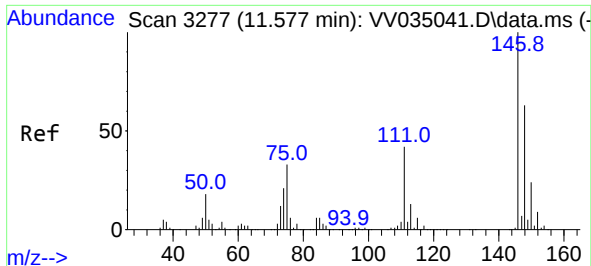
Tgt Ion:146 Resp: 306239
Ion Ratio Lower Upper
146 100
111 40.0 28.7 53.3
148 63.8 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 52.690 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion:146 Resp: 311207
Ion Ratio Lower Upper
146 100
111 38.4 27.4 50.8
148 64.3 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 54.514 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

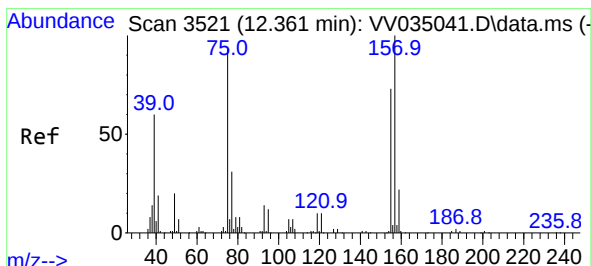
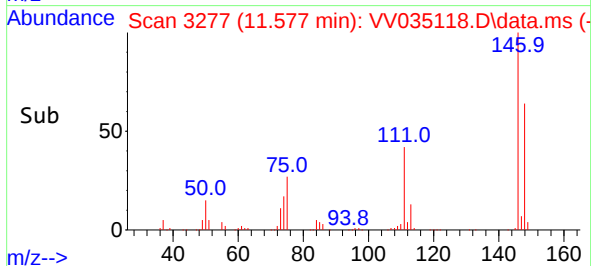
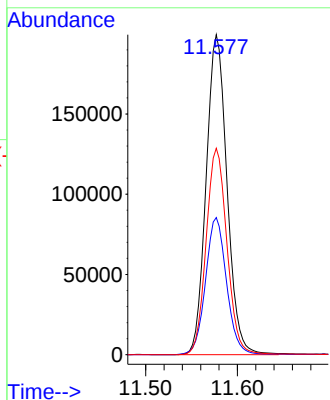
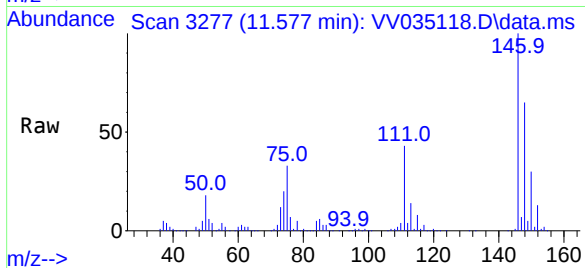
Tgt Ion:146 Resp: 315412

Ion Ratio Lower Upper

146 100

111 42.9 34.6 52.0

148 64.5 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 56.005 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

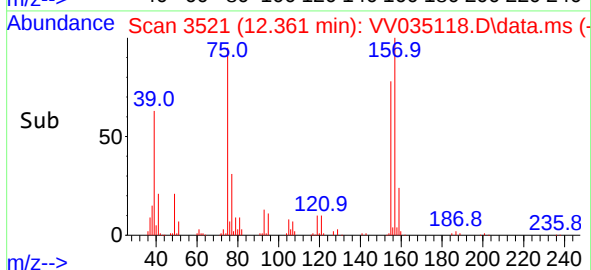
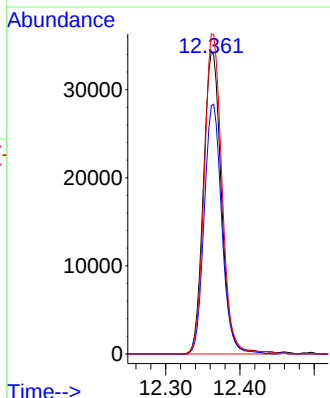
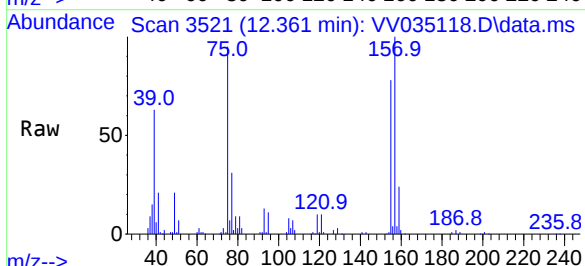
Tgt Ion: 75 Resp: 57641

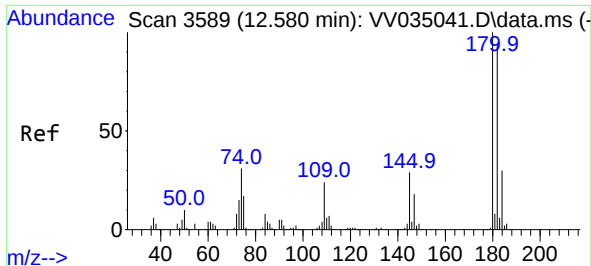
Ion Ratio Lower Upper

75 100

155 82.1 63.0 94.6

157 105.8 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 53.037 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

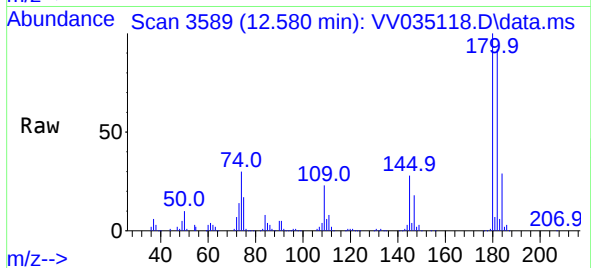
Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 222006

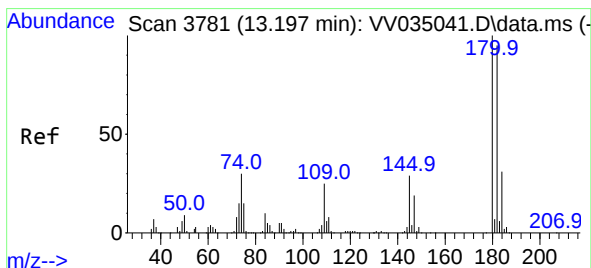
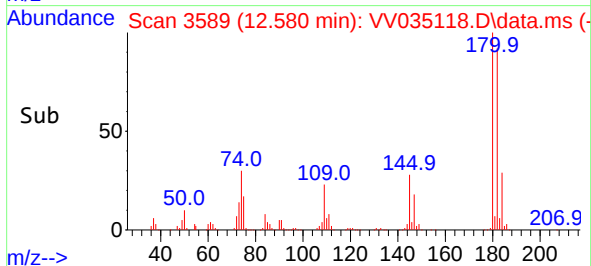
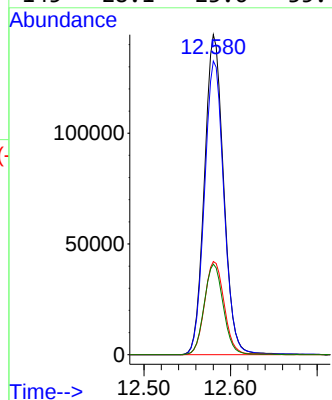
Ion Ratio Lower Upper

180 100

182 93.3 74.7 112.1

184 29.9 24.0 36.0

145 28.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 49.301 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035118.D

Acq: 10 Apr 2024 18:52

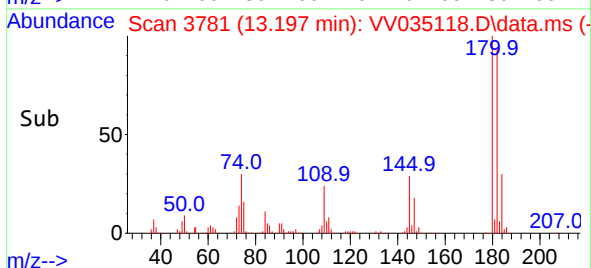
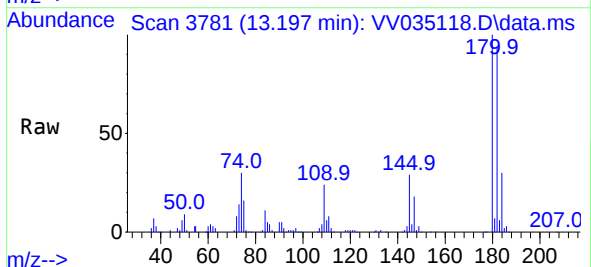
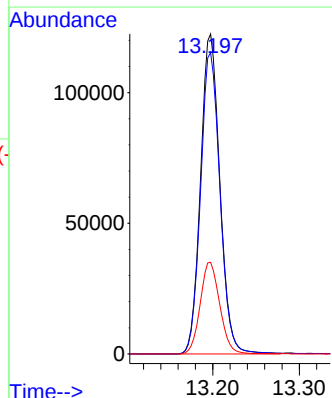
Tgt Ion:180 Resp: 189565

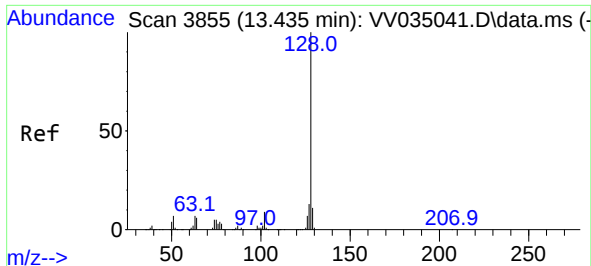
Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

145 29.0 24.1 36.1

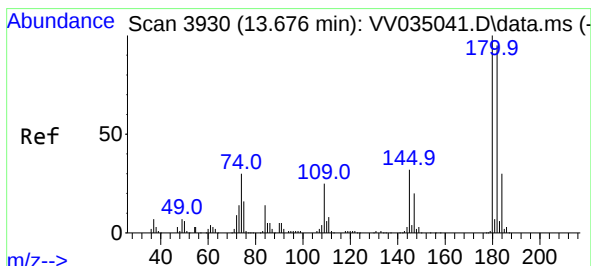
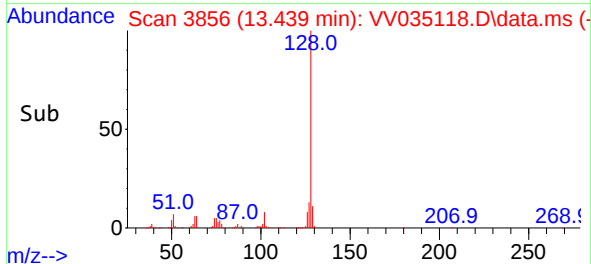
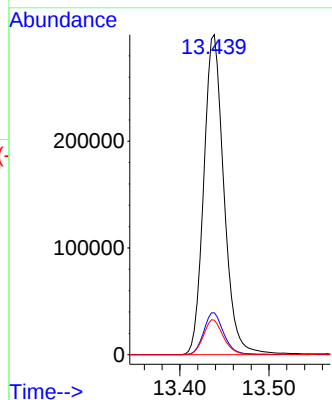
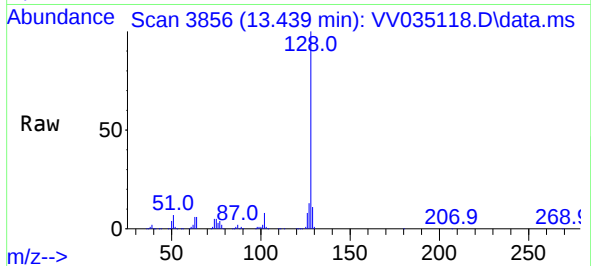




#71
Naphthalene
Concen: 44.122 ug/L
RT: 13.439 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 470677
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.799 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035118.D
Acq: 10 Apr 2024 18:52

Tgt Ion:180 Resp: 200115
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.2
145 31.1 25.8 38.6

