

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120623\
 Data File : VW033108.D
 Acq On : 06 Dec 2023 09:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 03:42:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 01:18:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	337891	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	338900	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	213530	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	91193	45.147	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.300%
7) Chloroethane-d5	1.532	69	68496	48.668	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.340%
11) 1,1-Dichloroethene-d2	2.060	65	35891	46.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.420%
21) 2-Butanone-d5	3.780	46	112132	111.769	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.770%
24) Chloroform-d	4.246	84	221267	51.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.240%
26) 1,2-Dichloroethane-d4	4.937	65	137193	51.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.960%
32) Benzene-d6	4.960	84	396255	49.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.980%
36) 1,2-Dichloropropane-d6	5.986	67	108960	51.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.260%
41) Toluene-d8	7.243	98	383319	50.696	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	7.551	79	65788	48.818	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.640%
47) 2-Hexanone-d5	8.021	63	95199	111.194	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.190%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	170579	56.306	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.620%
66) 1,2-Dichlorobenzene-d4	11.561	152	192397	50.641	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	187670	50.813	ug/L	100
3) Chloromethane	1.217	50	119783	49.173	ug/L	100
5) Vinyl chloride	1.285	62	115925	49.621	ug/L	98
6) Bromomethane	1.487	94	77405	50.776	ug/L	96
8) Chloroethane	1.548	64	62081	49.913	ug/L	97
9) Trichlorofluoromethane	1.716	101	201056	52.155	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	97620	53.926	ug/L	99
12) 1,1-Dichloroethene	2.073	96	89754	52.983	ug/L	94
13) Acetone	2.108	43	99889	104.294	ug/L	99
14) Carbon disulfide	2.243	76	294909	48.523	ug/L	100
15) Methyl Acetate	2.372	43	80076	50.163	ug/L	99
16) Methylene chloride	2.449	84	113072	50.408	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	111404	50.088	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	346065	51.219	ug/L	99
19) 1,1-Dichloroethane	3.111	63	181620	49.337	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	122358	51.846	ug/L	98
22) 2-Butanone	3.860	43	125050	102.597	ug/L	98
23) Bromochloromethane	4.146	128	67820	50.048	ug/L	99
25) Chloroform	4.272	83	219338	51.807	ug/L	97

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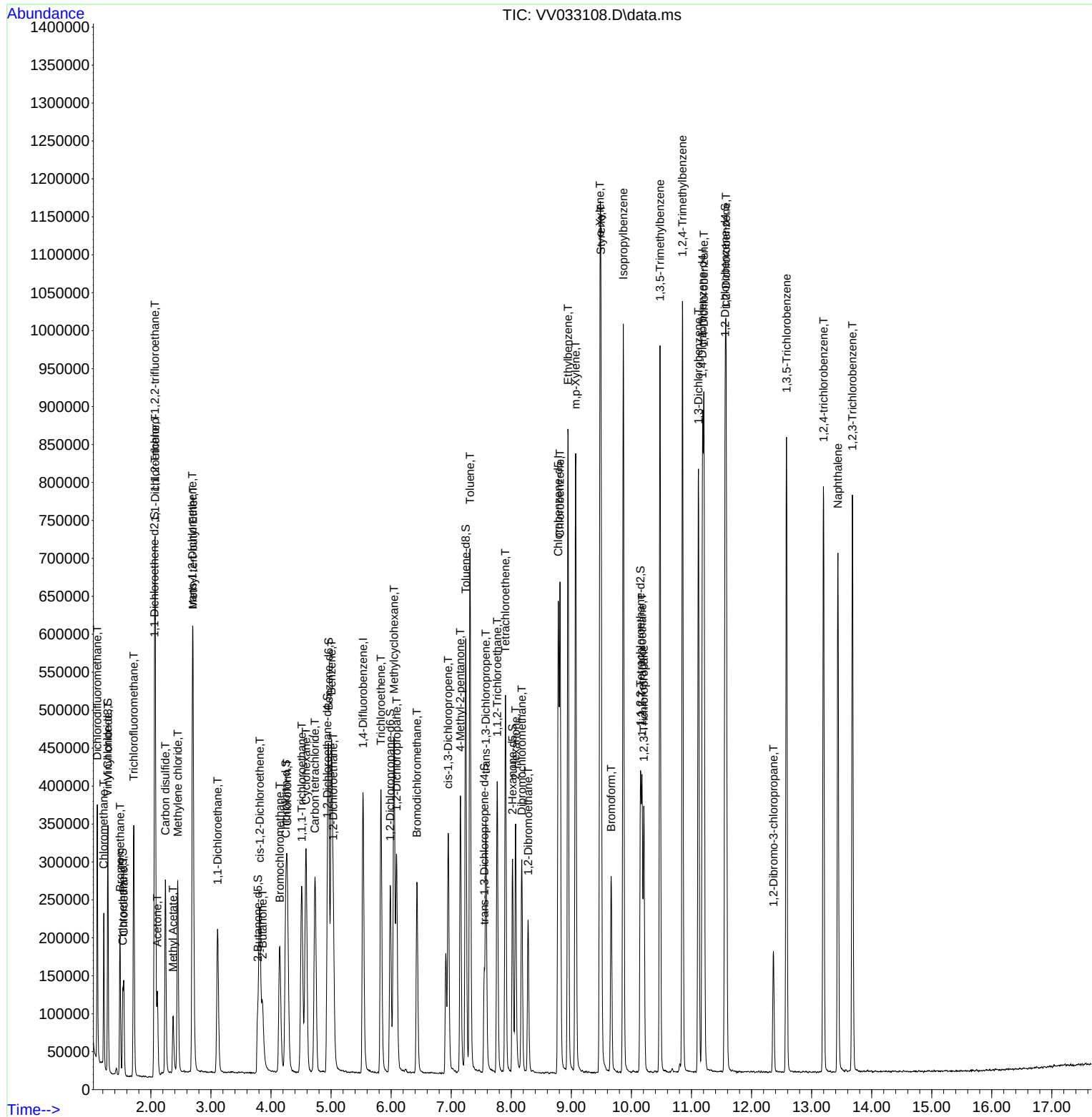
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	176000	52.607	ug/L	98
29) Cyclohexane	4.584	56	156000	49.837	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	212270	50.681	ug/L	99
31) Carbon tetrachloride	4.732	117	203407	52.231	ug/L	99
33) Benzene	5.008	78	441695	51.432	ug/L	100
34) Trichloroethene	5.831	95	126531	49.317	ug/L	95
35) Methylcyclohexane	6.050	83	196091	52.660	ug/L	99
37) 1,2-Dichloropropane	6.092	63	101708	51.173	ug/L	100
38) Bromodichloromethane	6.429	83	165883	51.770	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	190403	52.794	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	215324	102.035	ug/L	100
42) Toluene	7.313	91	506253	52.312	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	191646	52.551	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	116893	50.724	ug/L	99
46) Tetrachloroethene	7.902	164	116804	52.959	ug/L	96
48) 2-Hexanone	8.072	43	185885	106.242	ug/L	99
49) Dibromochloromethane	8.175	129	142614	51.840	ug/L	99
50) 1,2-Dibromoethane	8.281	107	124195	50.549	ug/L	98
51) Chlorobenzene	8.812	112	344966	50.690	ug/L	99
52) Ethylbenzene	8.944	91	585340	52.548	ug/L	99
53) m,p-Xylene	9.072	106	231281	52.429	ug/L	96
54) o-Xylene	9.477	106	229200	52.654	ug/L	98
55) Styrene	9.493	104	406370	53.965	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	165125	52.445	ug/L	98
59) Bromoform	9.664	173	114008	49.194	ug/L	98
60) Isopropylbenzene	9.866	105	626478	50.883	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	129163	48.510	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	505573	50.967	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	535874	51.872	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	328792	49.986	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	336531	49.253	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	324529	50.327	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	38948	47.673	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	259185	49.193	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	241082	49.527	ug/L	99
71) Naphthalene	13.439	128	545183	45.925	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	232870	49.579	ug/L	98

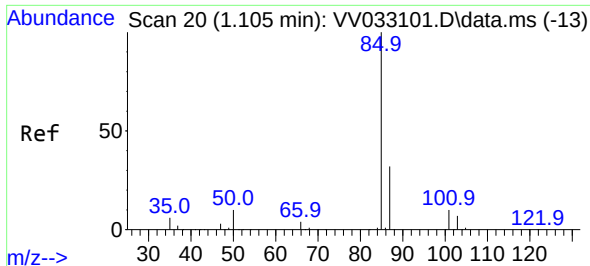
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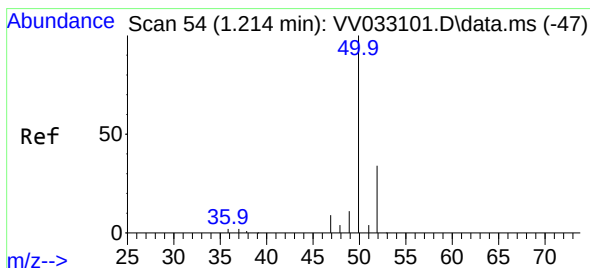
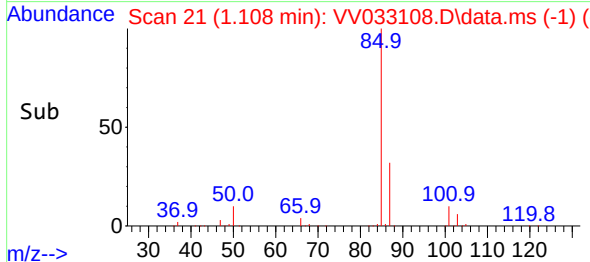
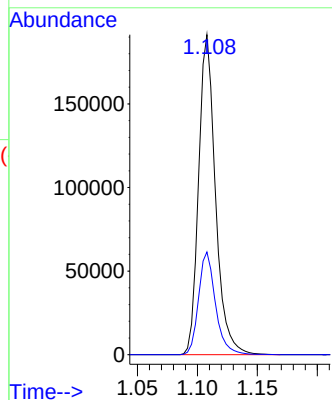
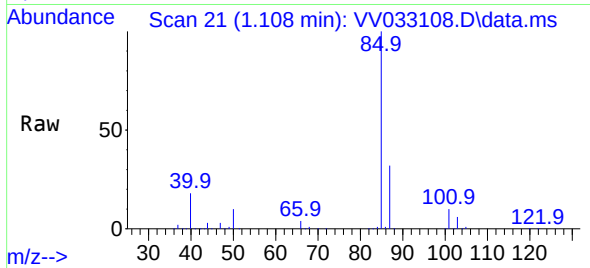




#2
Dichlorodifluoromethane
Concen: 50.813 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

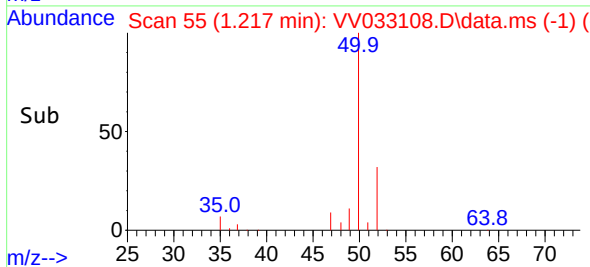
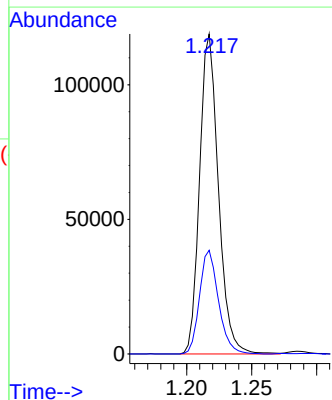
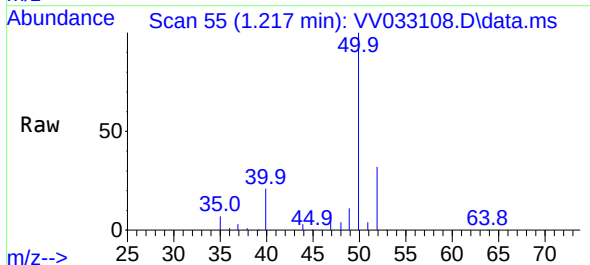
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MSVOA_V
ClientSampleId :

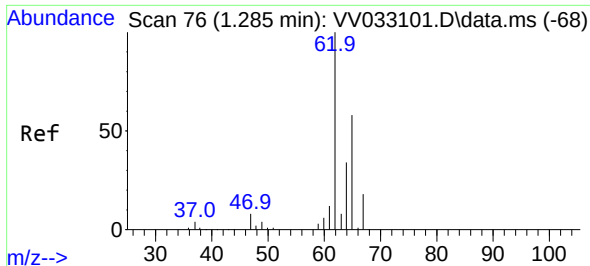
Tgt Ion: 85 Resp: 187670
Ion Ratio Lower Upper
85 100
87 32.2 26.0 39.0



#3
Chloromethane
Concen: 49.173 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.003 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion: 50 Resp: 119783
Ion Ratio Lower Upper
50 100
52 32.4 22.8 42.4

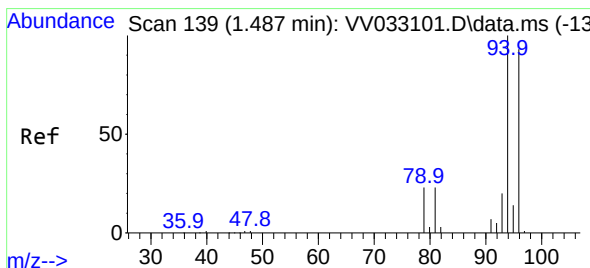
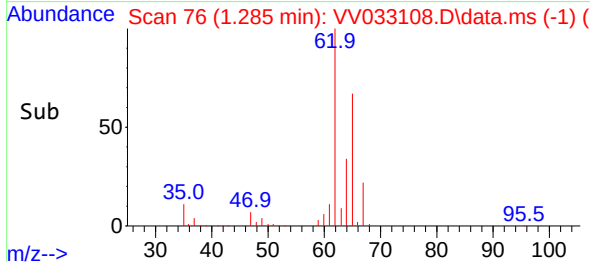
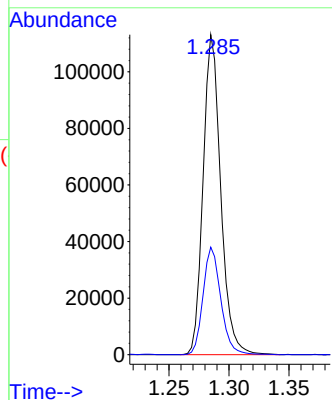
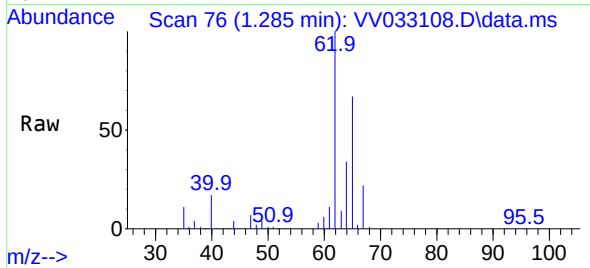




#5
 Vinyl chloride
 Concen: 49.621 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV033108.D
 Acq: 06 Dec 2023 09:53

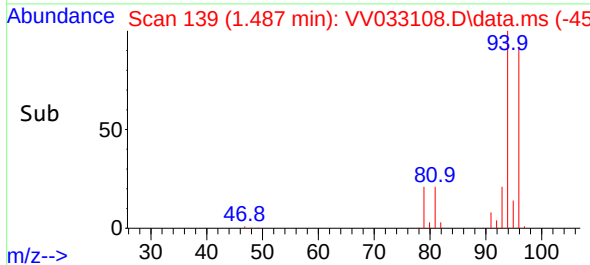
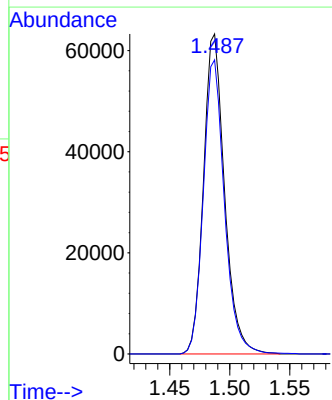
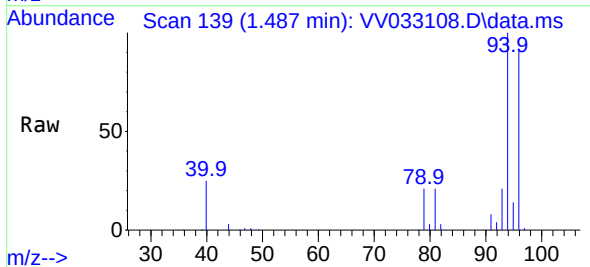
Instrument :
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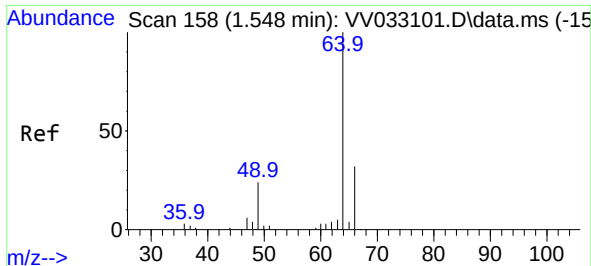
Tgt Ion: 62 Resp: 115925
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.2 45.0



#6
 Bromomethane
 Concen: 50.776 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV033108.D
 Acq: 06 Dec 2023 09:53

Tgt Ion: 94 Resp: 77405
 Ion Ratio Lower Upper
 94 100
 96 91.9 67.1 124.7

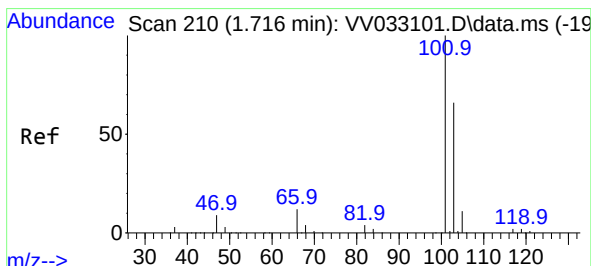
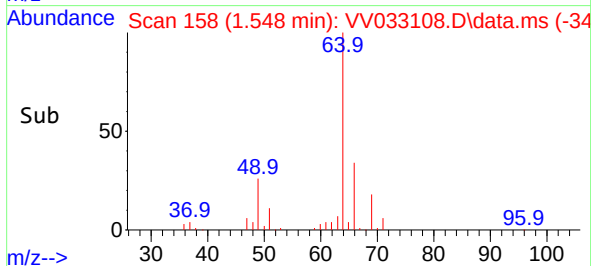
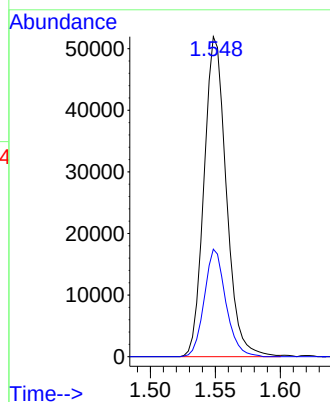
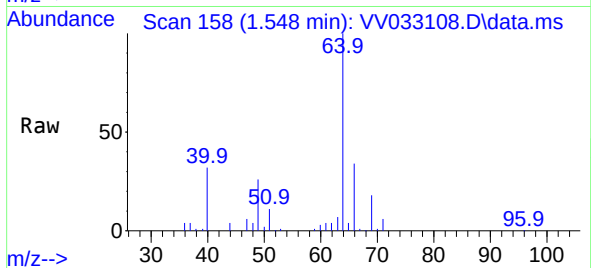




#8
Chloroethane
Concen: 49.913 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

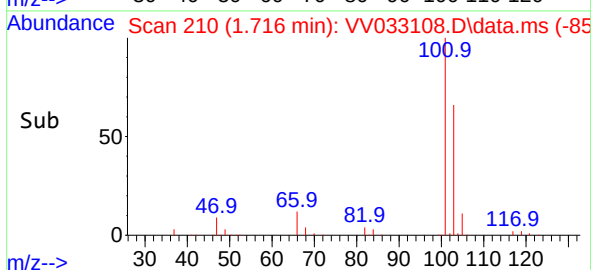
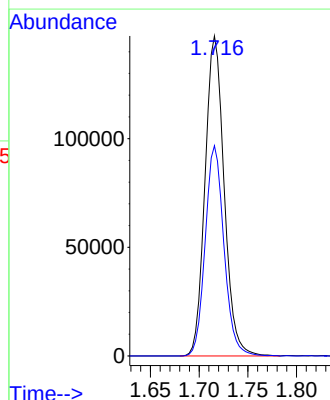
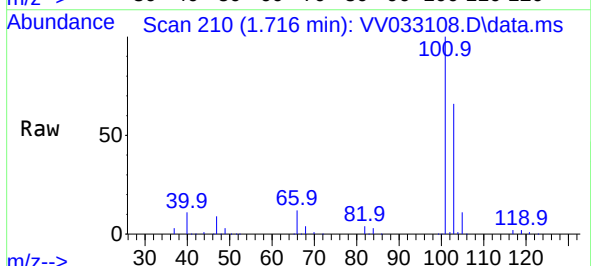
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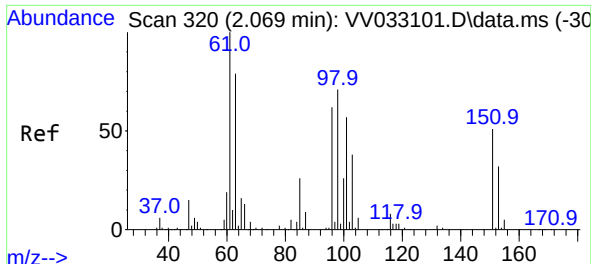
Tgt Ion: 64 Resp: 62081
Ion Ratio Lower Upper
64 100
66 33.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 52.155 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion:101 Resp: 201056
Ion Ratio Lower Upper
101 100
103 64.4 51.3 76.9

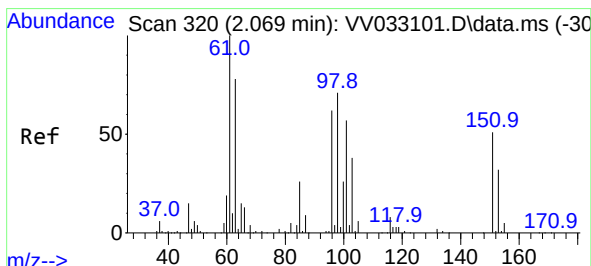
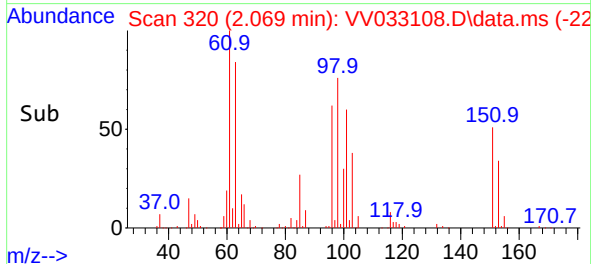
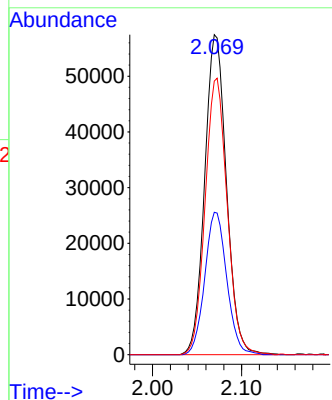
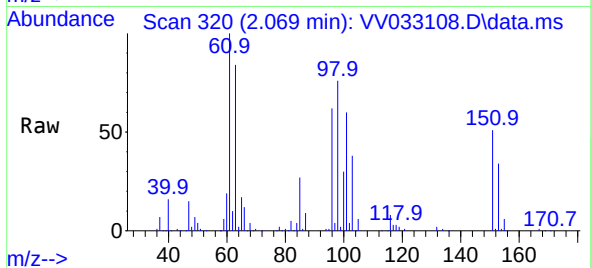




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.926 ug/L
RT: 2.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

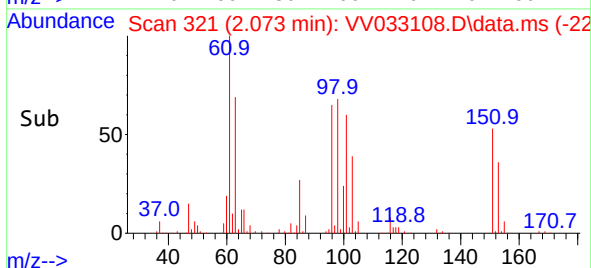
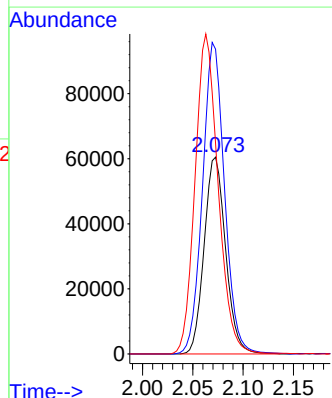
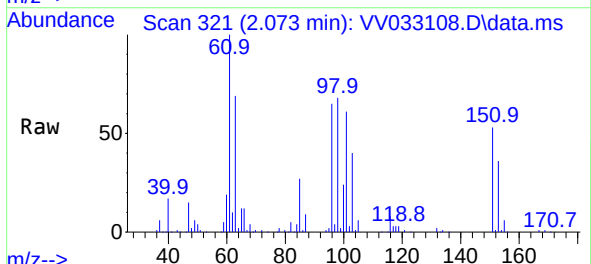
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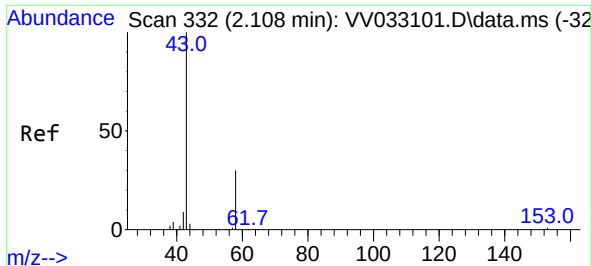
Tgt Ion:101 Resp: 97620
Ion Ratio Lower Upper
101 100
85 44.9 36.0 54.0
151 87.4 69.1 103.7



#12
1,1-Dichloroethene
Concen: 52.983 ug/L
RT: 2.073 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion: 96 Resp: 89754
Ion Ratio Lower Upper
96 100
61 154.9 109.1 202.7
63 107.1 85.3 158.3

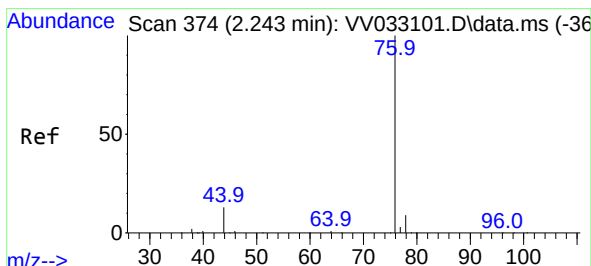
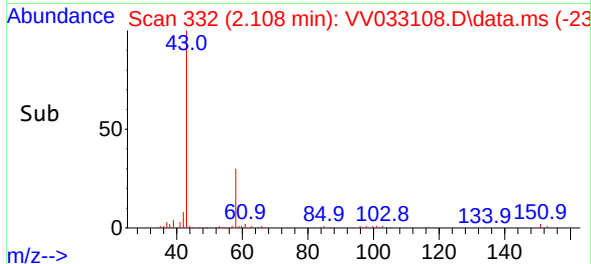
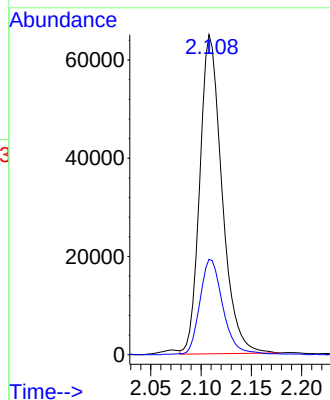
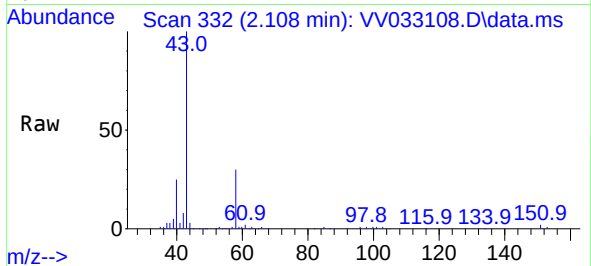




#13
Acetone
Concen: 104.294 ug/L
RT: 2.108 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

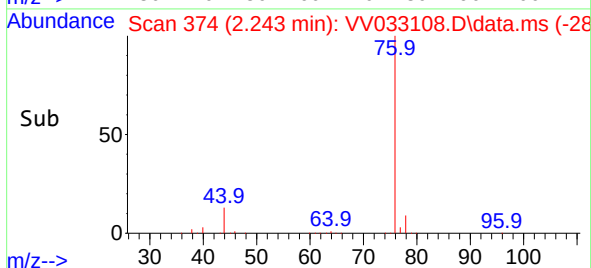
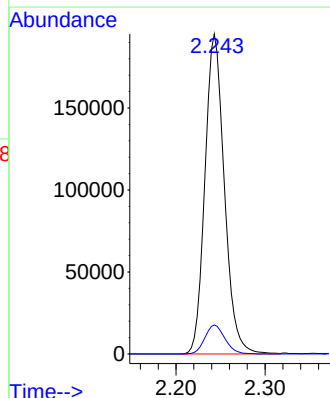
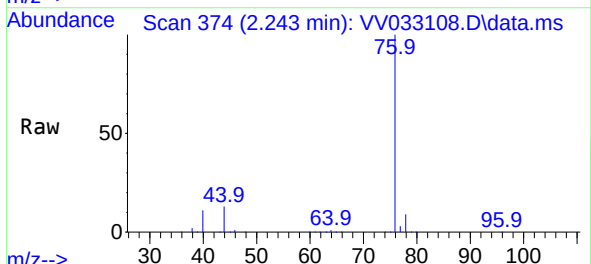
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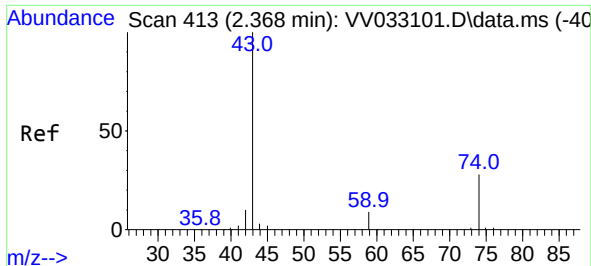
Tgt Ion: 43 Resp: 99889
Ion Ratio Lower Upper
43 100
58 30.6 0.0 62.8



#14
Carbon disulfide
Concen: 48.523 ug/L
RT: 2.243 min Scan# 374
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 294909
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

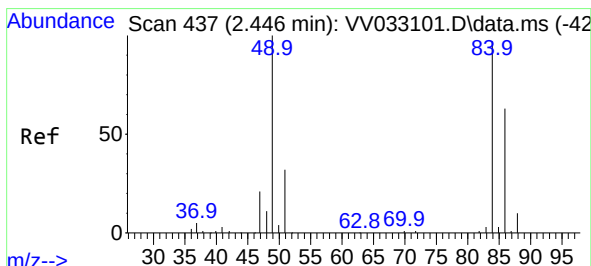
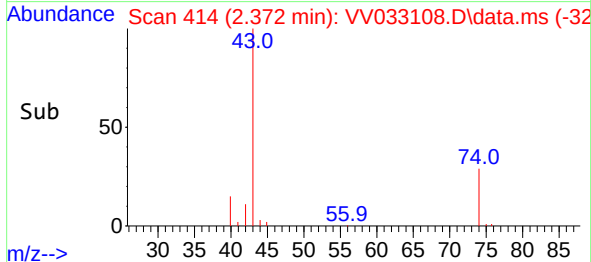
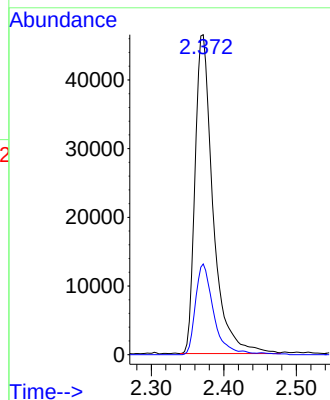
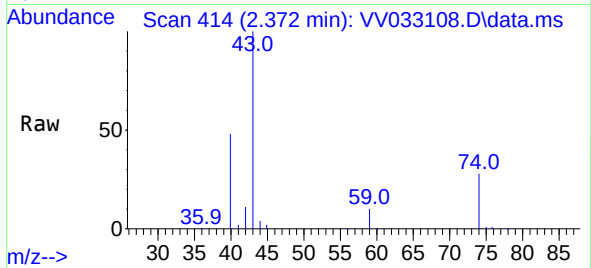




#15
Methyl Acetate
Concen: 50.163 ug/L
RT: 2.372 min Scan# 413
Delta R.T. 0.003 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

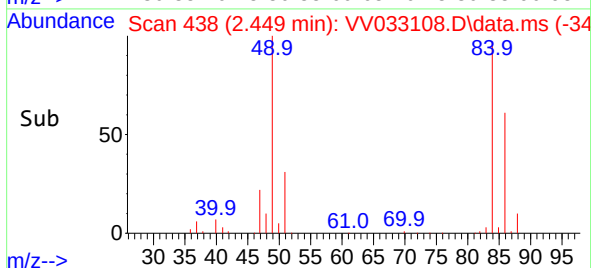
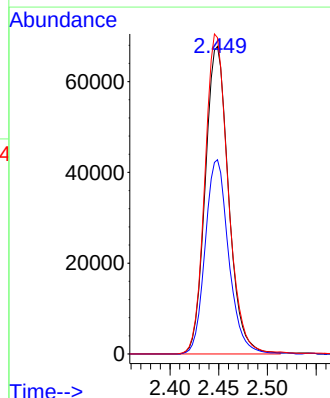
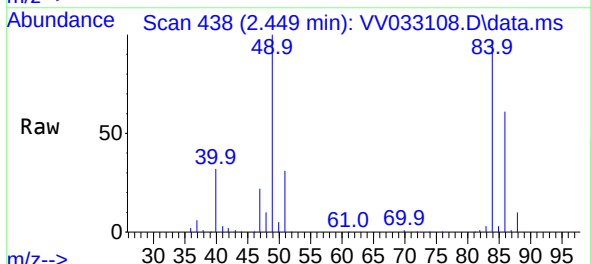
Instrument :
MSVOA_V
ClientSampleId :

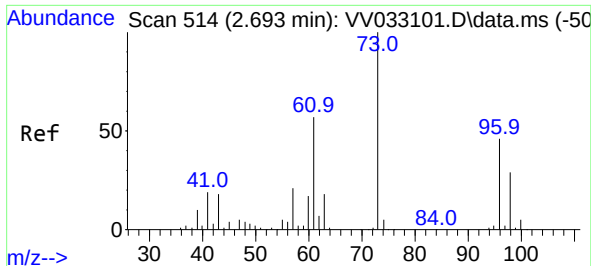
Tgt Ion: 43 Resp: 80076
Ion Ratio Lower Upper
43 100
74 27.8 22.6 33.8



#16
Methylene chloride
Concen: 50.408 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

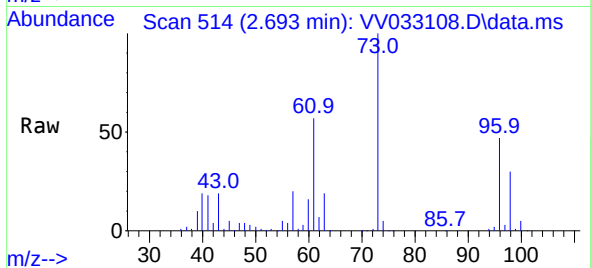
Tgt Ion: 84 Resp: 113072
Ion Ratio Lower Upper
84 100
86 63.2 45.9 85.3
49 102.9 75.5 140.1



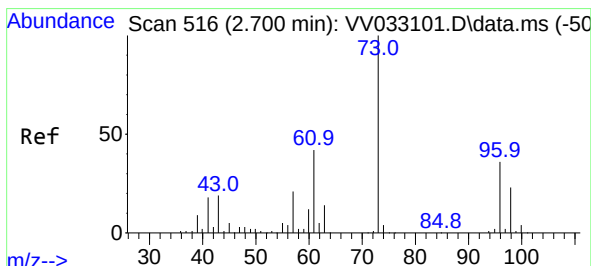
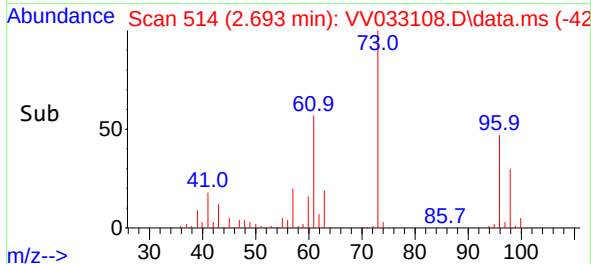
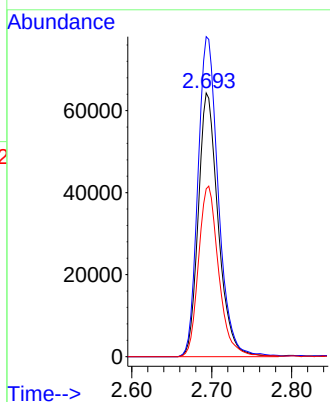


#17
trans-1,2-Dichloroethene
Concen: 50.088 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Instrument :
MSVOA_V
ClientSampleId :

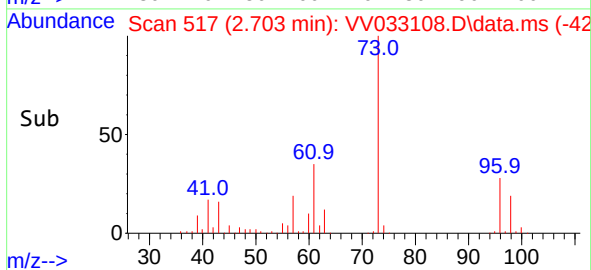
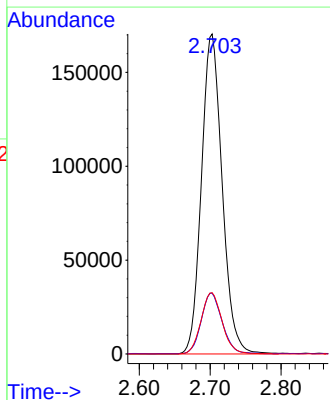
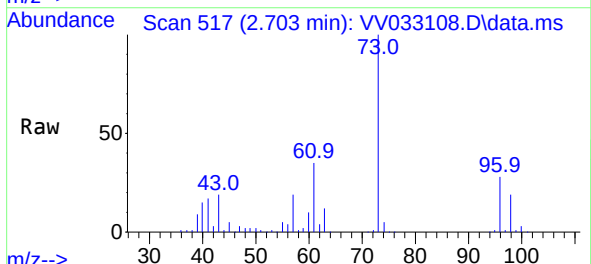


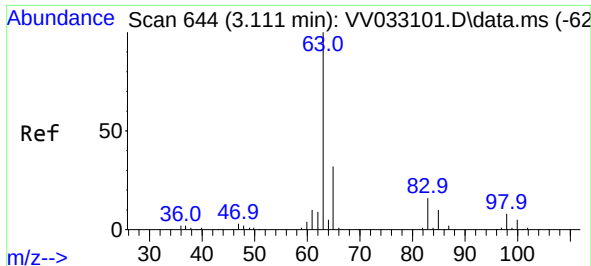
Tgt Ion: 96 Resp: 111404
Ion Ratio Lower Upper
96 100
61 121.4 86.5 160.6
98 63.6 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 51.219 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

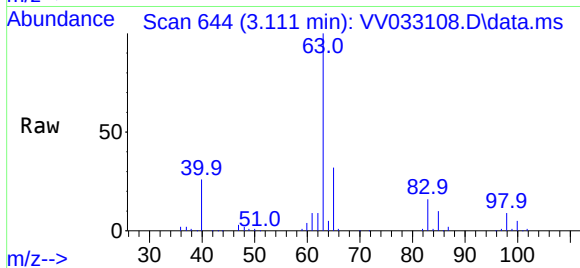
Tgt Ion: 73 Resp: 346065
Ion Ratio Lower Upper
73 100
43 18.9 15.4 23.2
57 19.5 16.1 24.1



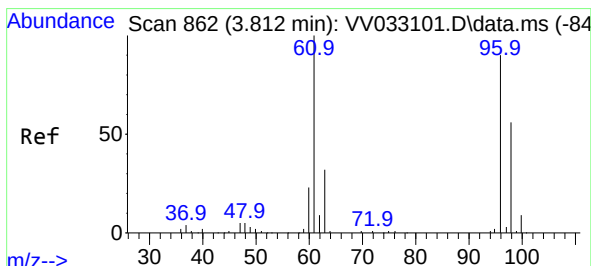
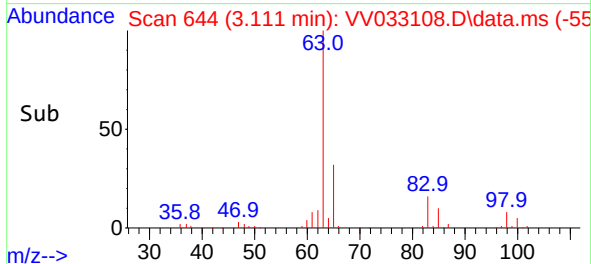
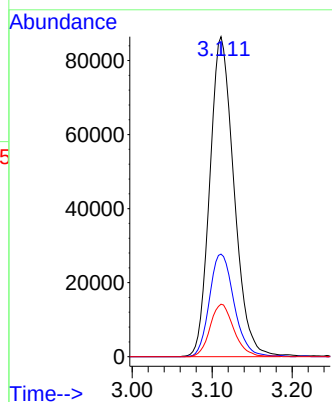


#19
1,1-Dichloroethane
Concen: 49.337 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Instrument :
MSVOA_V
ClientSampleId :

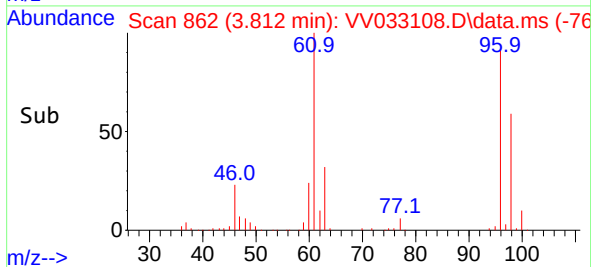
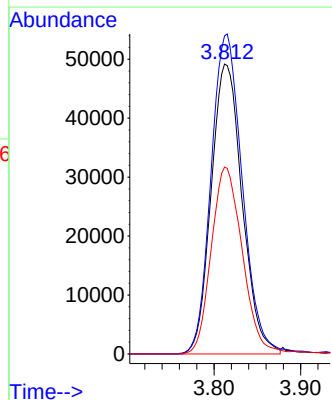
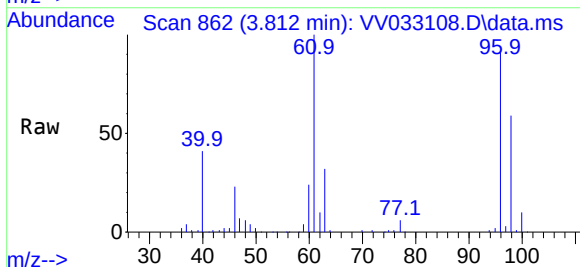


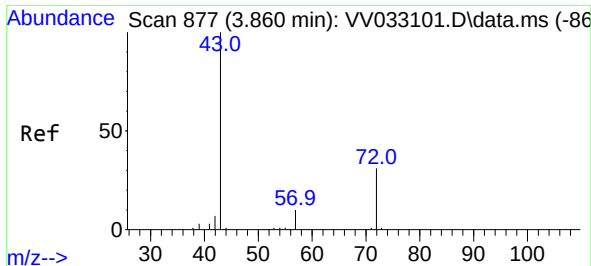
Tgt Ion: 63 Resp: 181620
Ion Ratio Lower Upper
63 100
65 32.1 23.0 42.6
83 16.4 11.4 21.2



#20
cis-1,2-Dichloroethene
Concen: 51.846 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion: 96 Resp: 122358
Ion Ratio Lower Upper
96 100
61 109.7 79.1 146.9
98 64.5 45.1 83.7

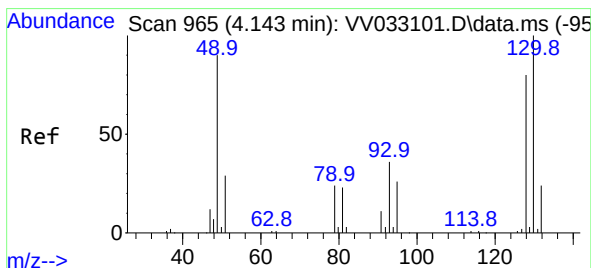
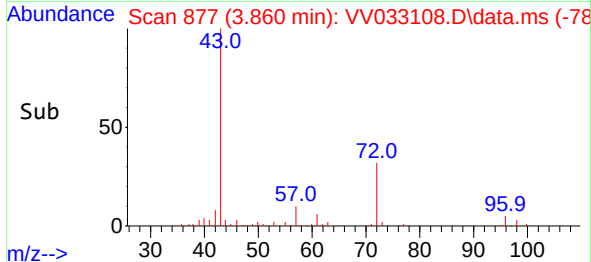
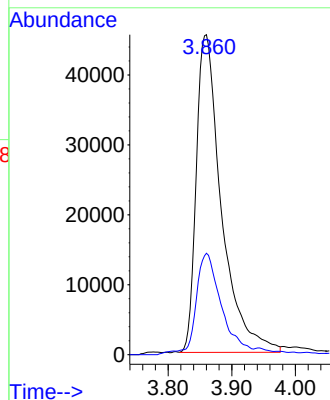
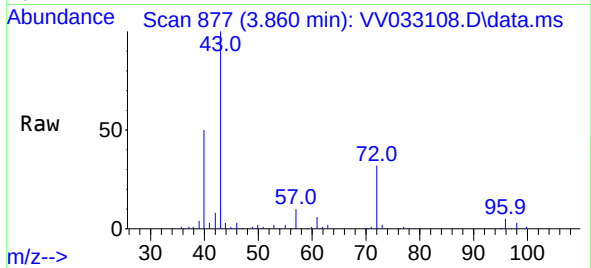




#22
2-Butanone
Concen: 102.597 ug/L
RT: 3.860 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

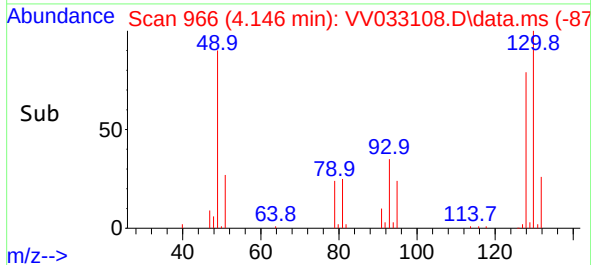
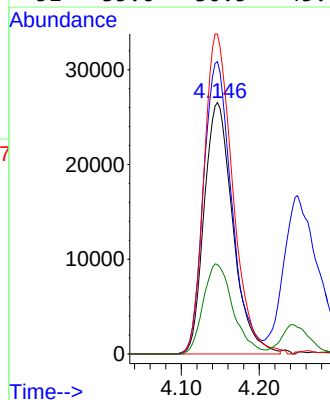
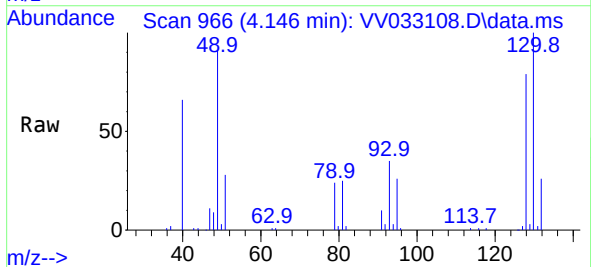
Instrument :
MSVOA_V
ClientSampleId :

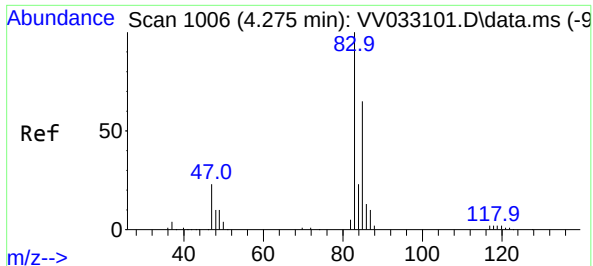
Tgt Ion: 43 Resp: 125050
Ion Ratio Lower Upper
43 100
72 30.3 14.6 43.8



#23
Bromochloromethane
Concen: 50.048 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion:128 Resp: 67820
Ion Ratio Lower Upper
128 100
49 116.2 81.7 151.7
130 127.2 90.1 167.3
51 35.6 30.5 45.7

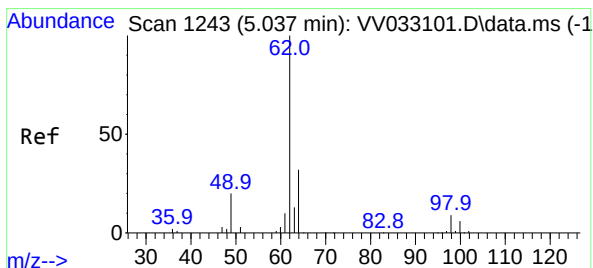
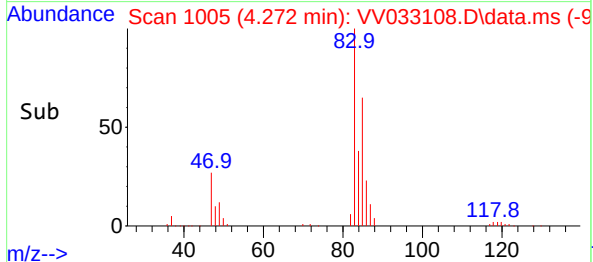
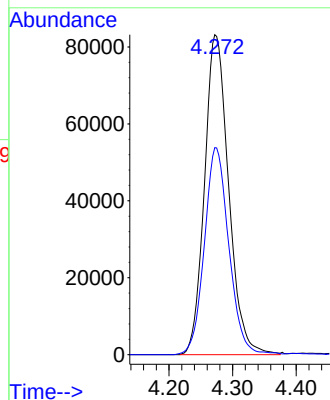
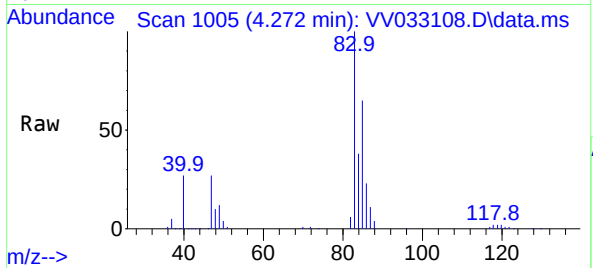




#25
Chloroform
Concen: 51.807 ug/L
RT: 4.272 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

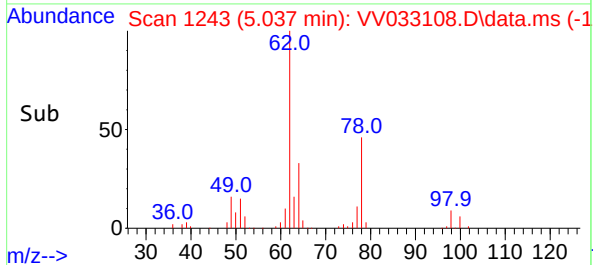
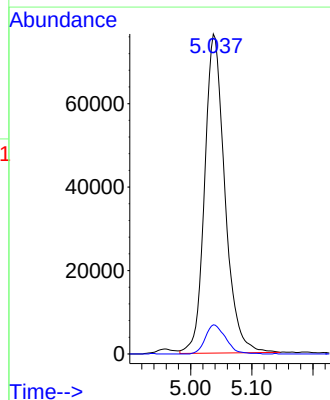
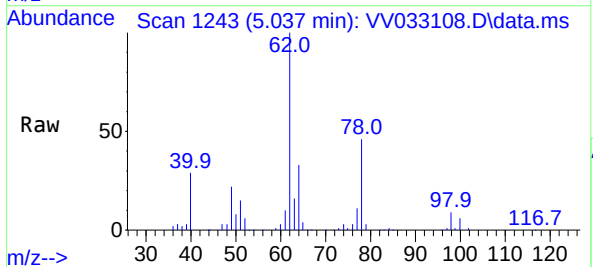
Instrument :
MSVOA_V
ClientSampleId :

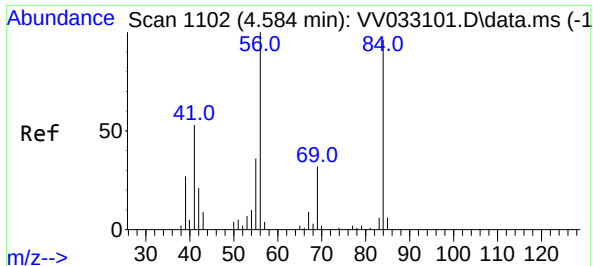
Tgt Ion: 83 Resp: 219338
Ion Ratio Lower Upper
83 100
85 64.7 43.5 80.7



#27
1,2-Dichloroethane
Concen: 52.607 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion: 62 Resp: 176000
Ion Ratio Lower Upper
62 100
98 9.1 7.8 11.8





#29

Cyclohexane

Concen: 49.837 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV033108.D

Acq: 06 Dec 2023 09:53

Instrument :

MSVOA_V

ClientSampleId :

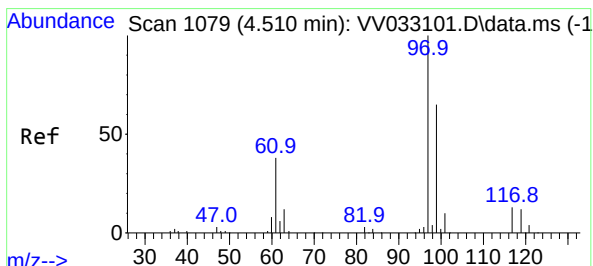
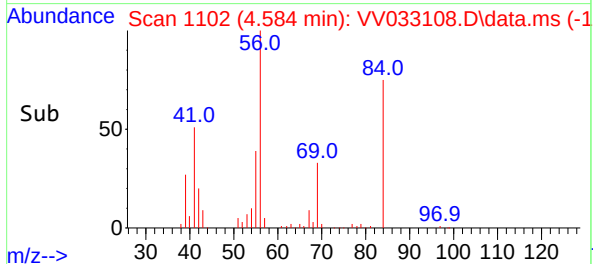
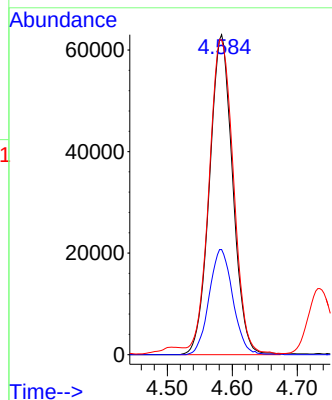
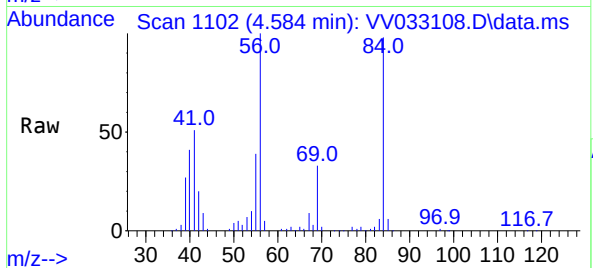
Tgt Ion: 56 Resp: 156000

Ion Ratio Lower Upper

56 100

69 33.6 26.9 40.3

84 103.2 80.6 121.0



#30

1,1,1-Trichloroethane

Concen: 50.681 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV033108.D

Acq: 06 Dec 2023 09:53

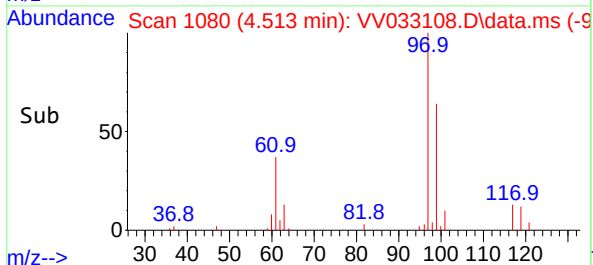
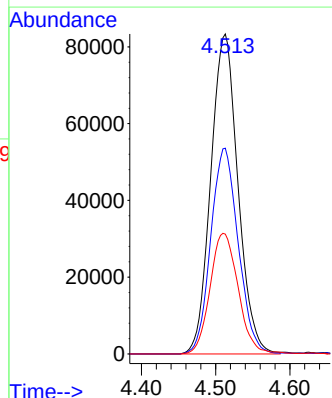
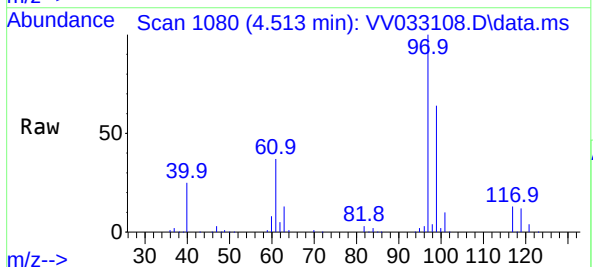
Tgt Ion: 97 Resp: 212270

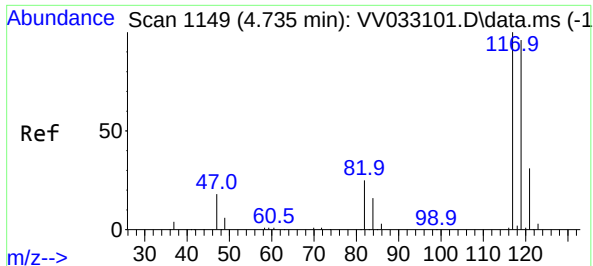
Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 38.8 31.8 47.8

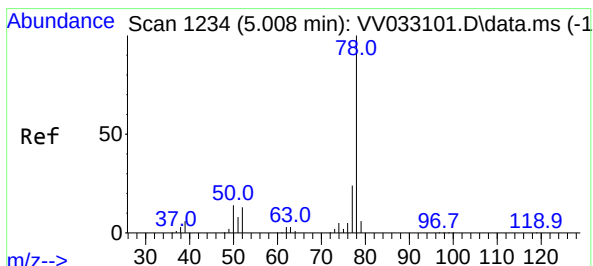
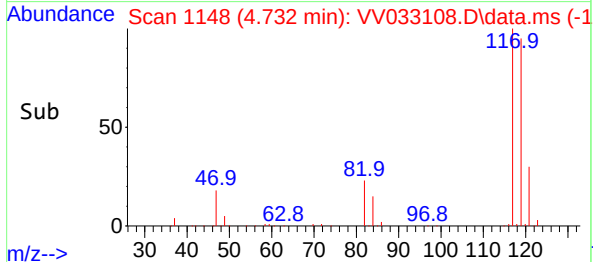
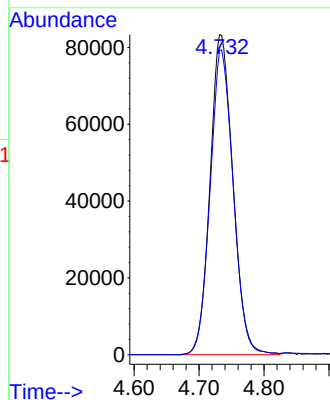
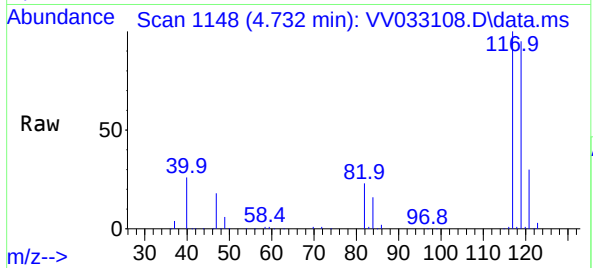




#31
Carbon tetrachloride
Concen: 52.231 ug/L
RT: 4.732 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

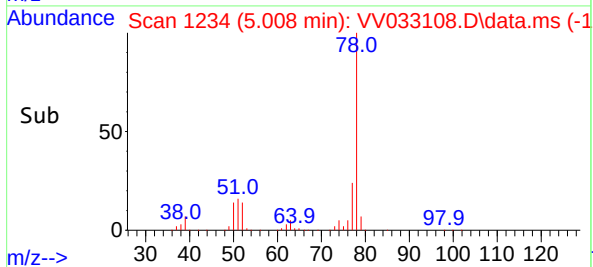
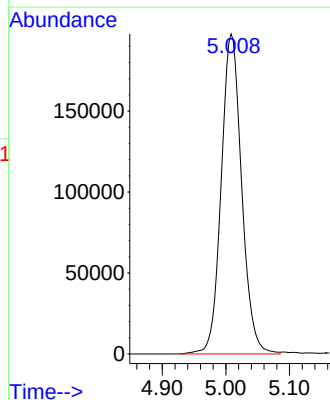
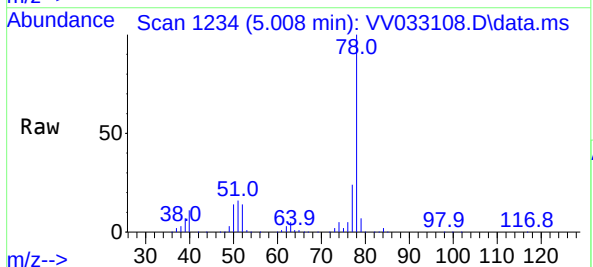
Instrument :
MSVOA_V
ClientSampleId :

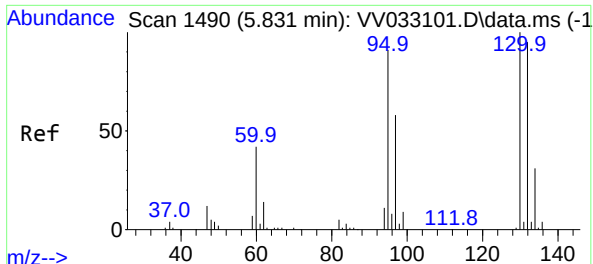
Tgt Ion:117 Resp: 203407
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 51.432 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion: 78 Resp: 441695





#34

Trichloroethene

Concen: 49.317 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV033108.D

Acq: 06 Dec 2023 09:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 126531

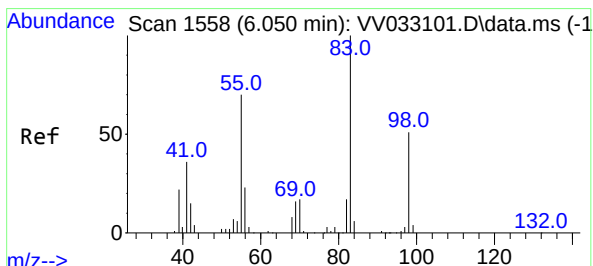
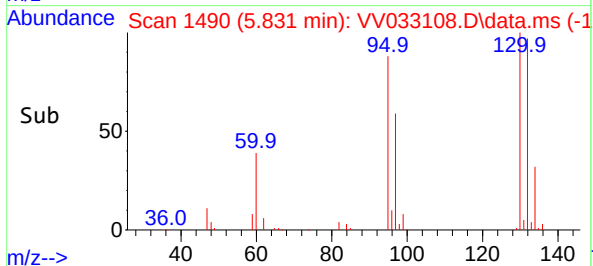
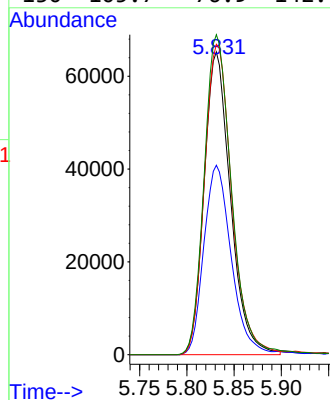
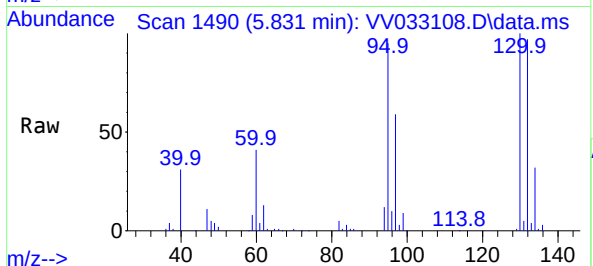
Ion Ratio Lower Upper

95 100

97 62.6 45.8 85.0

132 102.5 77.4 143.8

130 105.7 76.9 142.7



#35

Methylcyclohexane

Concen: 52.660 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV033108.D

Acq: 06 Dec 2023 09:53

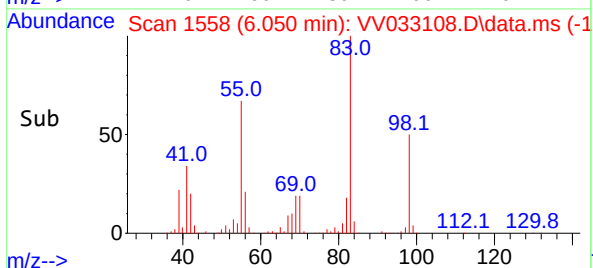
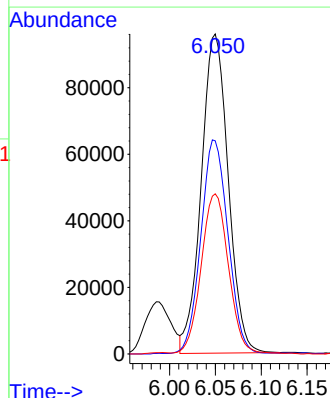
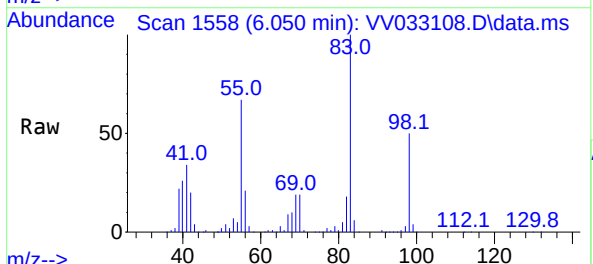
Tgt Ion: 83 Resp: 196091

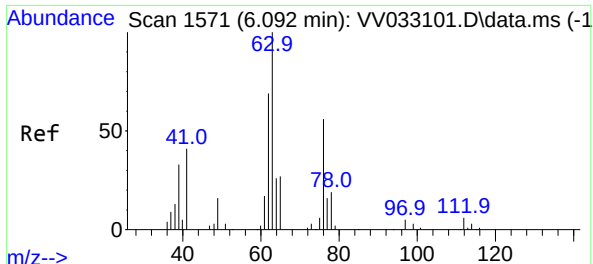
Ion Ratio Lower Upper

83 100

55 67.6 54.8 82.2

98 51.0 41.4 62.0

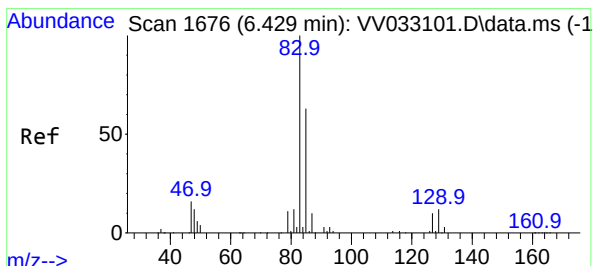
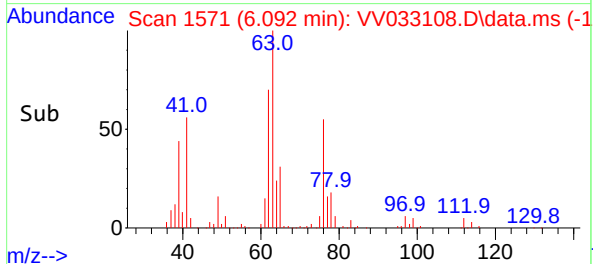
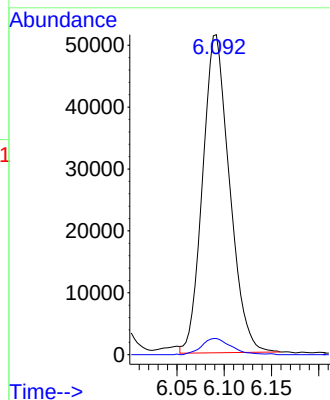
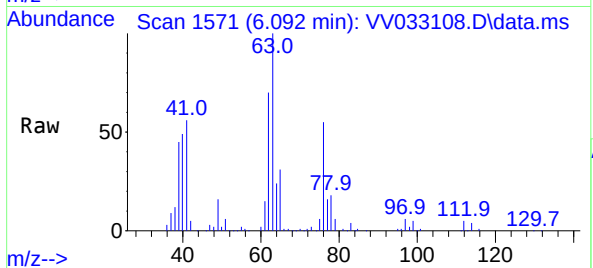




#37
1,2-Dichloropropane
Concen: 51.173 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

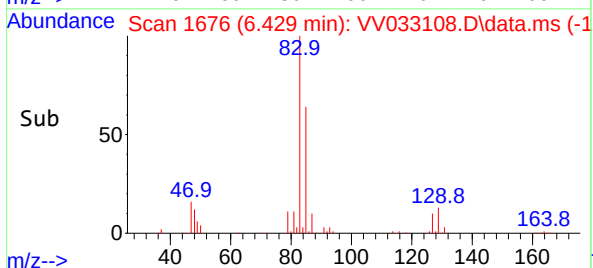
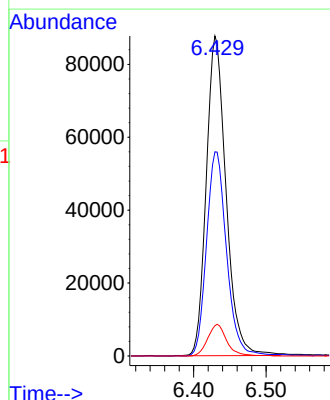
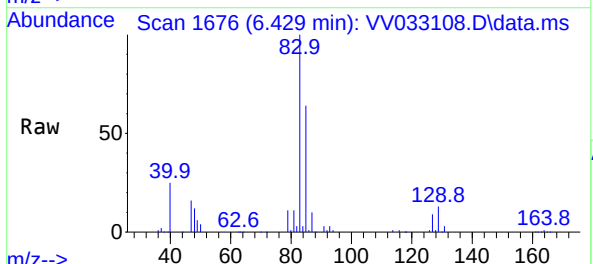
Instrument :
MSVOA_V
ClientSampleId :

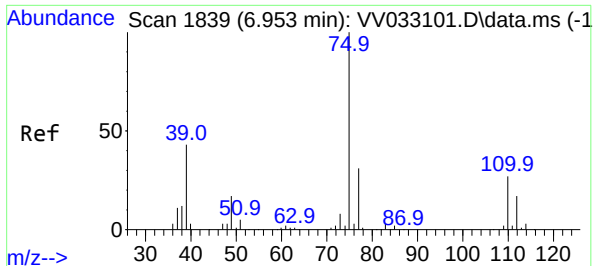
Tgt Ion: 63 Resp: 101708
Ion Ratio Lower Upper
63 100
112 5.6 4.6 6.8



#38
Bromodichloromethane
Concen: 51.770 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion: 83 Resp: 165883
Ion Ratio Lower Upper
83 100
85 63.8 45.6 84.6
127 9.5 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 52.794 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV033108.D

Acq: 06 Dec 2023 09:53

Instrument :

MSVOA_V

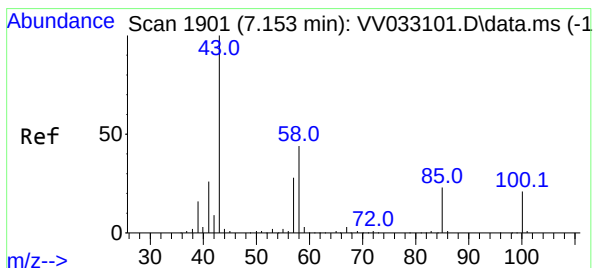
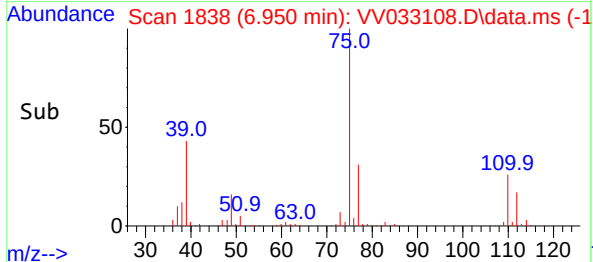
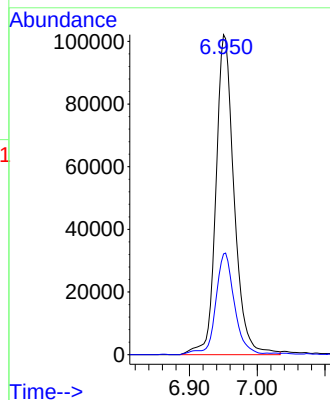
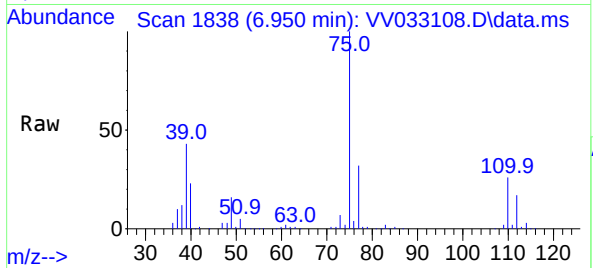
ClientSampleId :

Tgt Ion: 75 Resp: 190403

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 102.035 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV033108.D

Acq: 06 Dec 2023 09:53

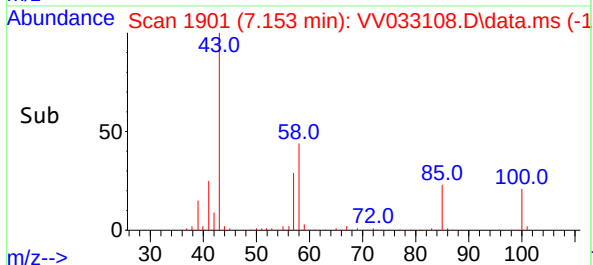
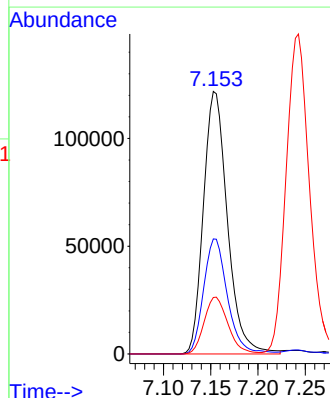
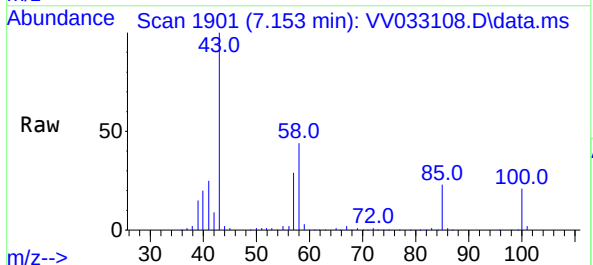
Tgt Ion: 43 Resp: 215324

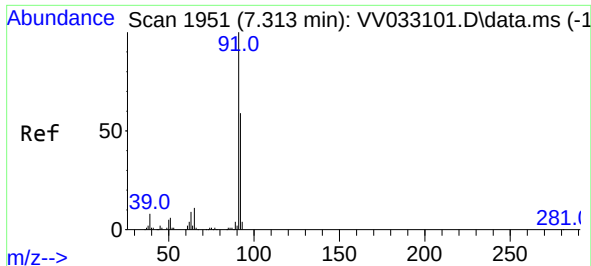
Ion Ratio Lower Upper

43 100

58 43.5 34.5 51.7

100 21.4 17.0 25.6





#42

Toluene

Concen: 52.312 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV033108.D

Acq: 06 Dec 2023 09:53

Instrument :

MSVOA_V

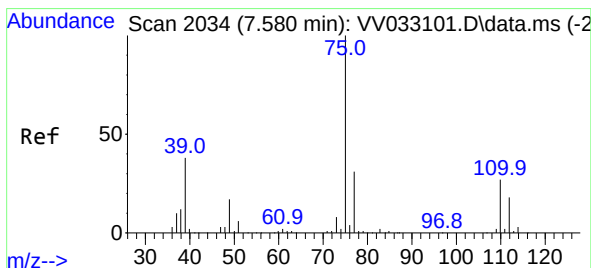
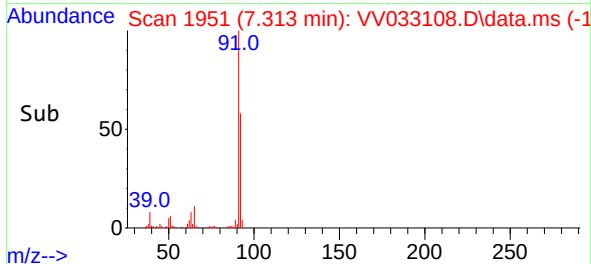
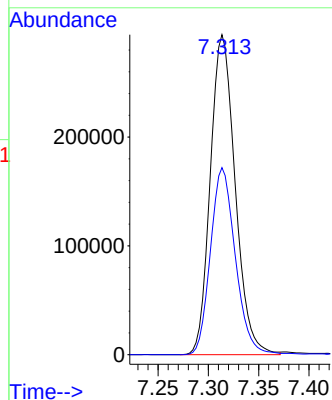
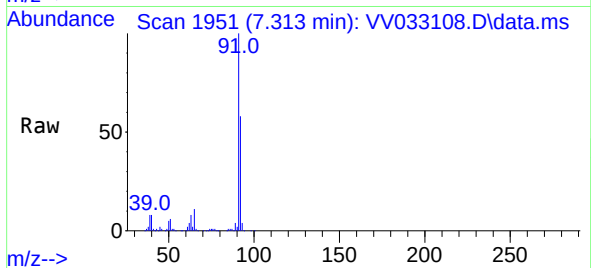
ClientSampleId :

Tgt Ion: 91 Resp: 506253

Ion Ratio Lower Upper

91 100

92 58.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 52.551 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV033108.D

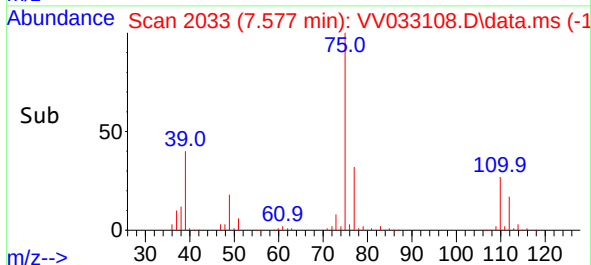
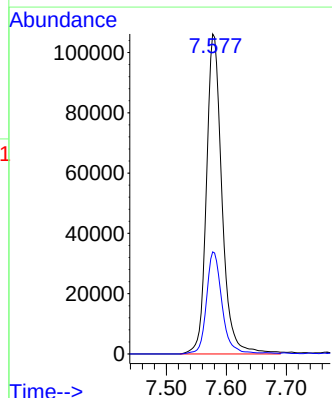
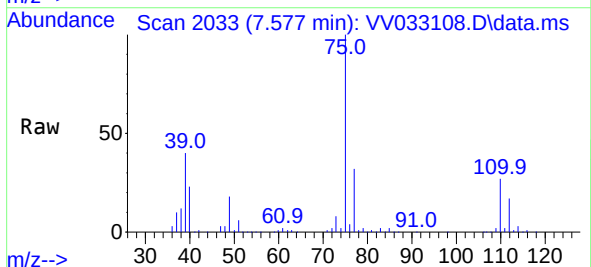
Acq: 06 Dec 2023 09:53

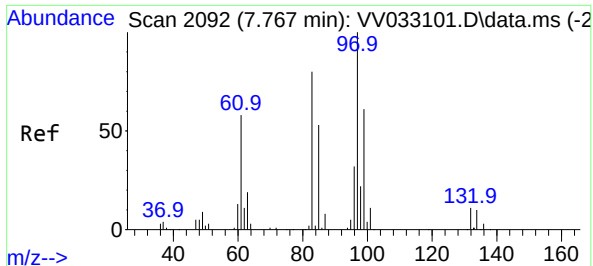
Tgt Ion: 75 Resp: 191646

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



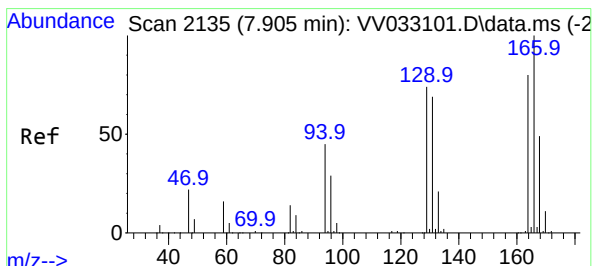
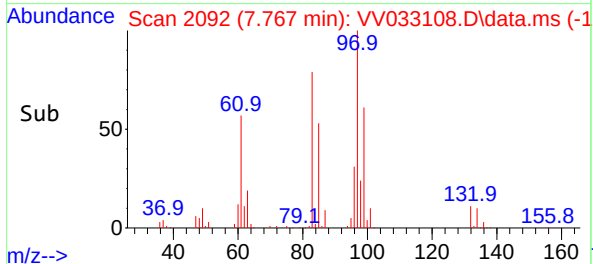
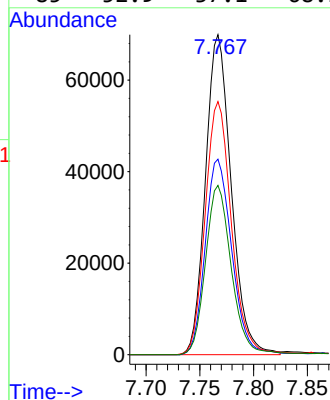
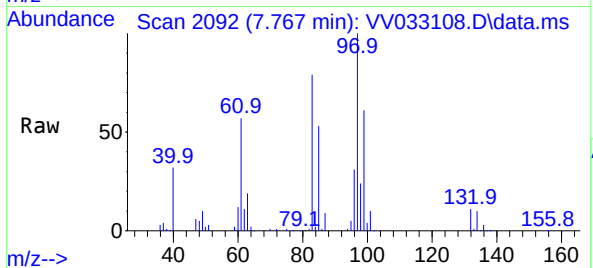


#45
1,1,2-Trichloroethane
Concen: 50.724 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 116893

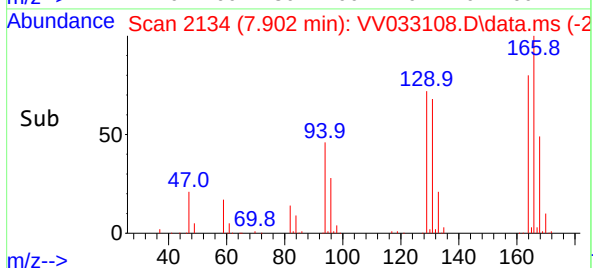
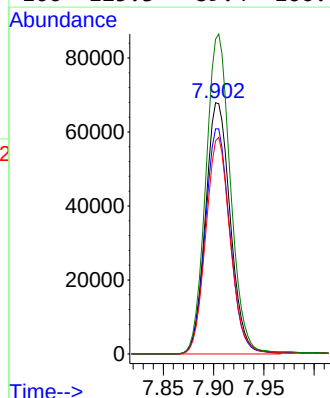
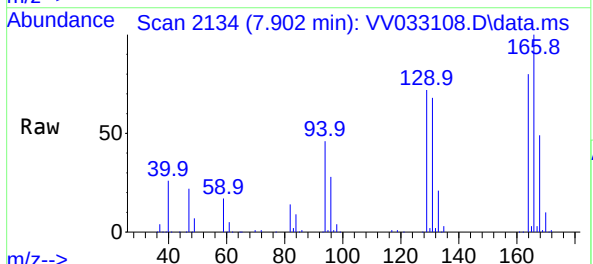
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.2	80.2
83	79.1	55.8	103.6
85	52.9	37.1	68.9

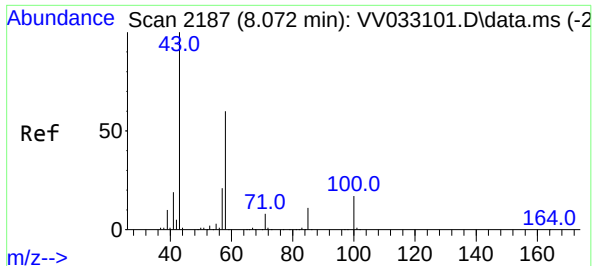


#46
Tetrachloroethene
Concen: 52.959 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion: 164 Resp: 116804

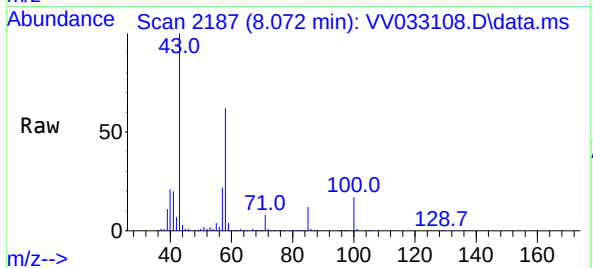
Ion	Ratio	Lower	Upper
164	100		
129	89.6	65.6	121.8
131	84.8	64.7	120.1
166	125.3	89.4	166.0



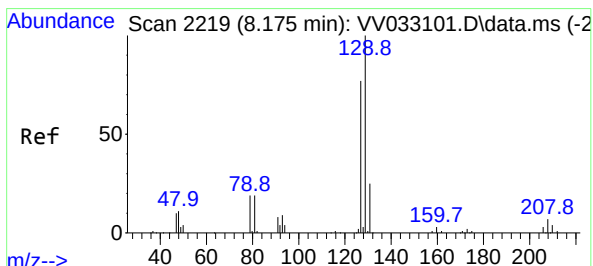
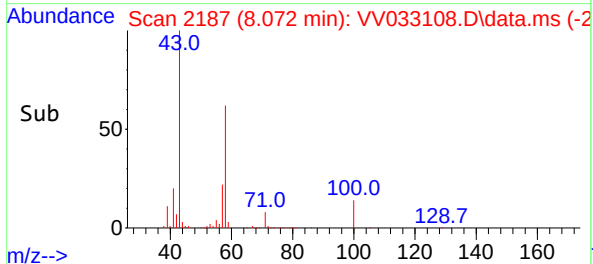
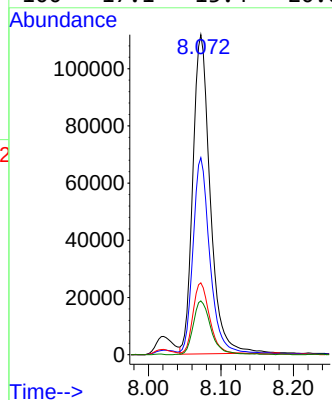


#48
2-Hexanone
Concen: 106.242 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Instrument :
MSVOA_V
ClientSampleId :

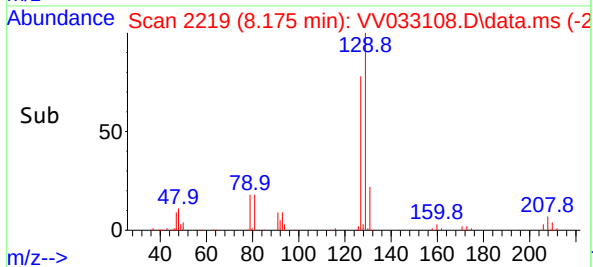
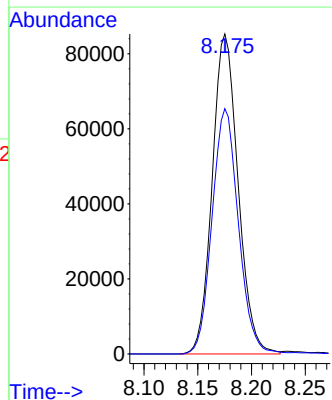
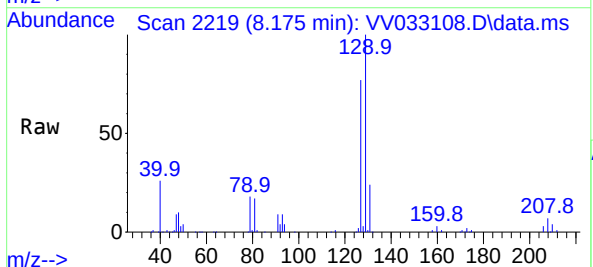


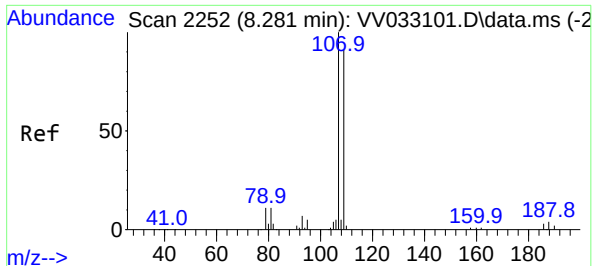
Tgt Ion: 43 Resp: 185885
Ion Ratio Lower Upper
43 100
58 59.2 47.9 71.9
57 21.5 17.4 26.0
100 17.1 13.4 20.0



#49
Dibromochloromethane
Concen: 51.840 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

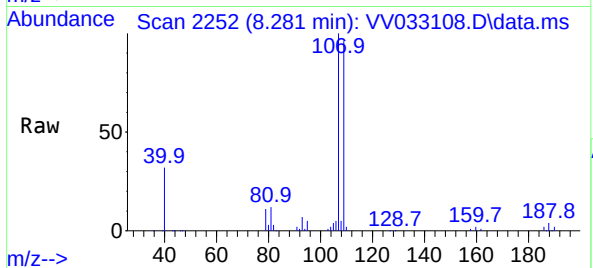
Tgt Ion: 129 Resp: 142614
Ion Ratio Lower Upper
129 100
127 76.7 54.1 100.5



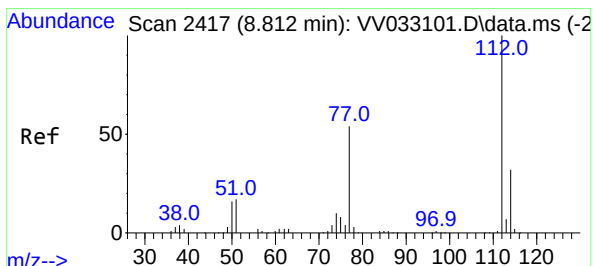
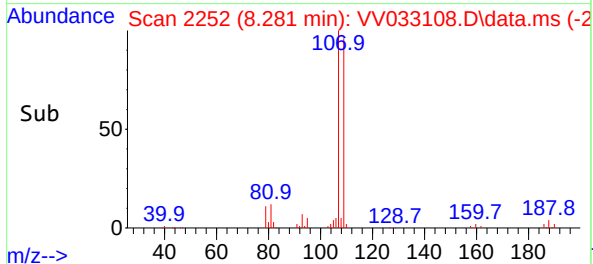
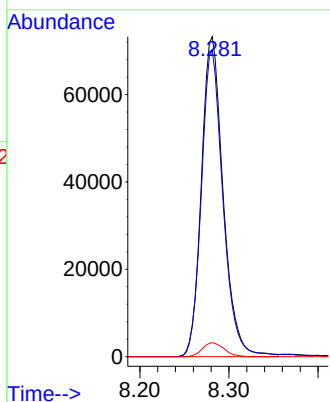


#50
1,2-Dibromoethane
Concen: 50.549 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Instrument :
MSVOA_V
ClientSampleId :

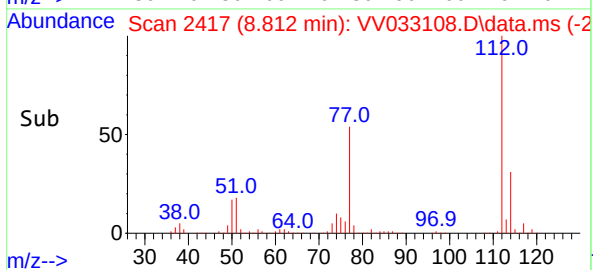
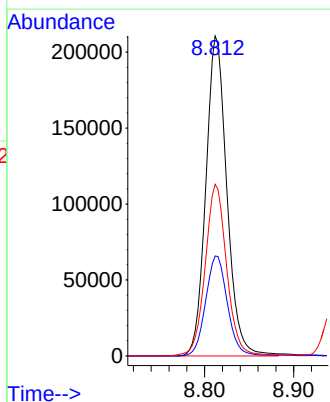
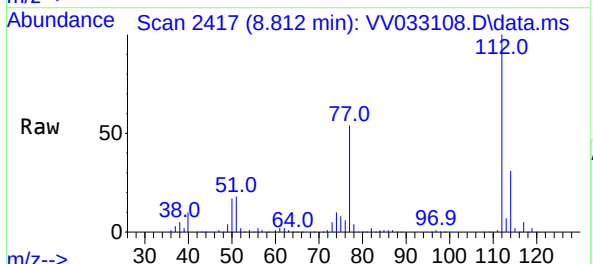


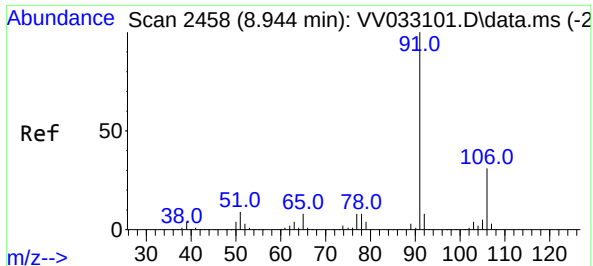
Tgt Ion:107 Resp: 124195
Ion Ratio Lower Upper
107 100
109 95.6 65.2 121.2
188 4.4 3.8 5.6



#51
Chlorobenzene
Concen: 50.690 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion:112 Resp: 344966
Ion Ratio Lower Upper
112 100
114 31.3 22.9 42.5
77 53.7 42.6 64.0

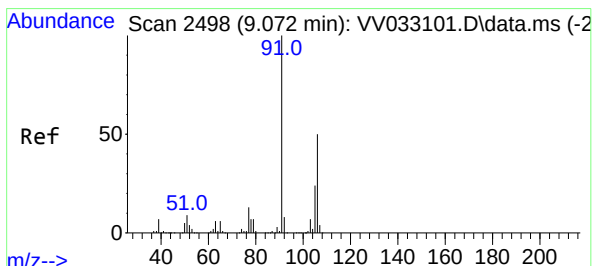
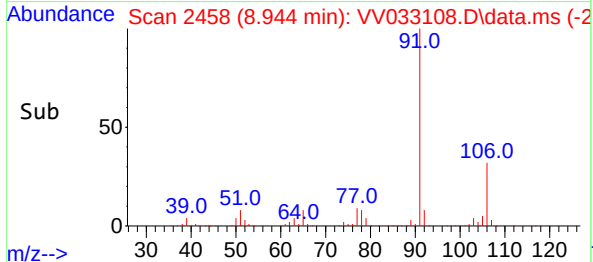
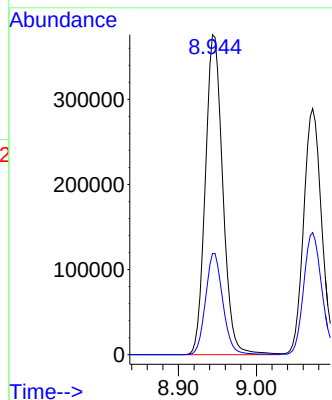
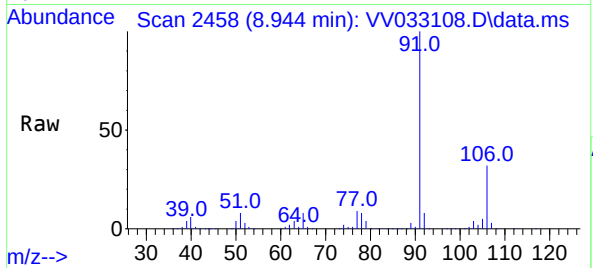




#52
Ethylbenzene
Concen: 52.548 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.003 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

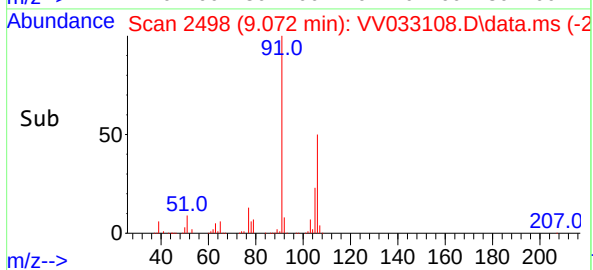
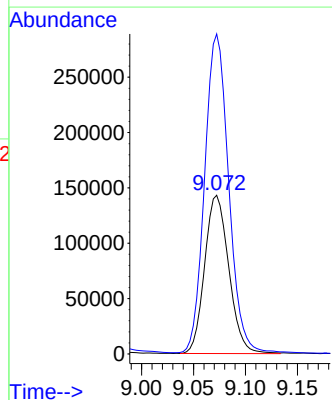
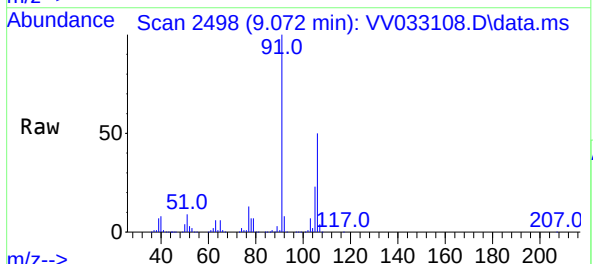
Instrument :
MSVOA_V
ClientSampleId :

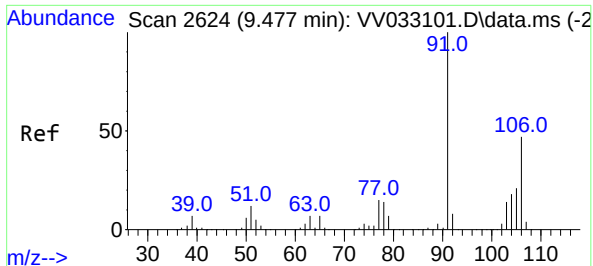
Tgt Ion: 91 Resp: 585340
Ion Ratio Lower Upper
91 100
106 31.6 22.6 42.0



#53
m,p-Xylene
Concen: 52.429 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion: 106 Resp: 231281
Ion Ratio Lower Upper
106 100
91 201.6 145.2 269.6

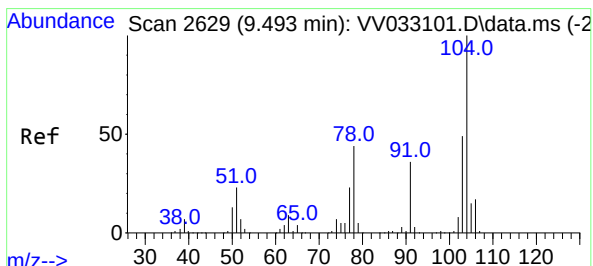
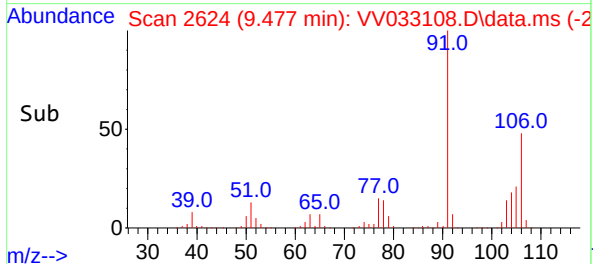
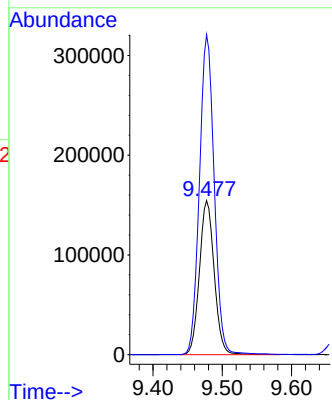
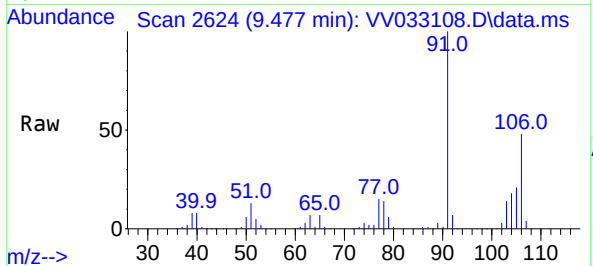




#54
o-Xylene
Concen: 52.654 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

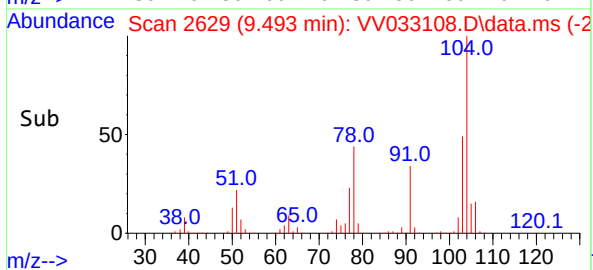
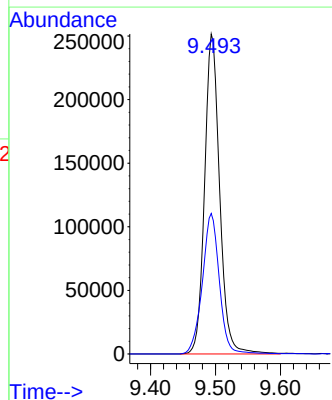
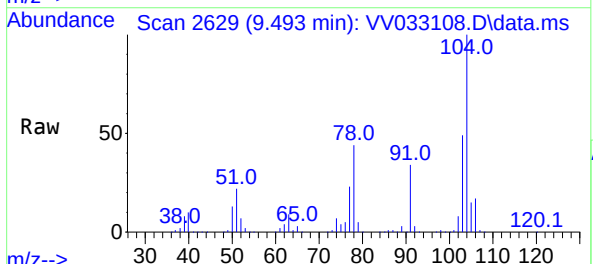
Instrument :
MSVOA_V
ClientSampleId :

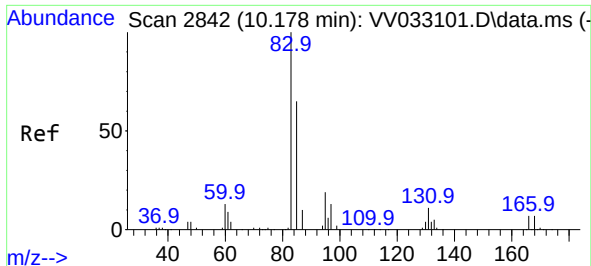
Tgt Ion:106 Resp: 229200
Ion Ratio Lower Upper
106 100
91 207.7 147.8 274.6



#55
Styrene
Concen: 53.965 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

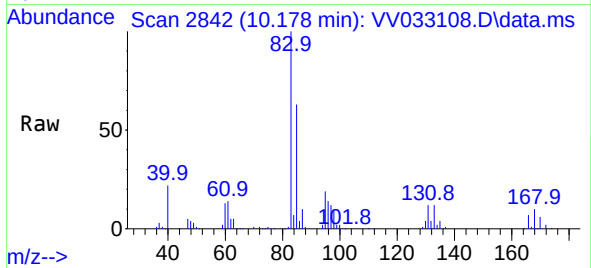
Tgt Ion:104 Resp: 406370
Ion Ratio Lower Upper
104 100
78 43.9 30.2 56.0



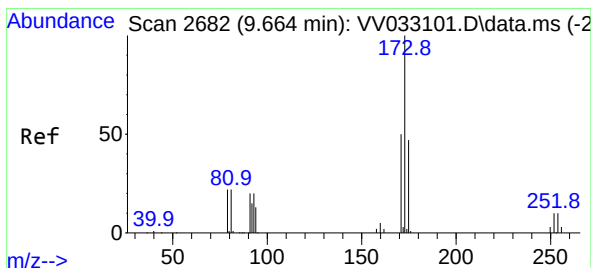
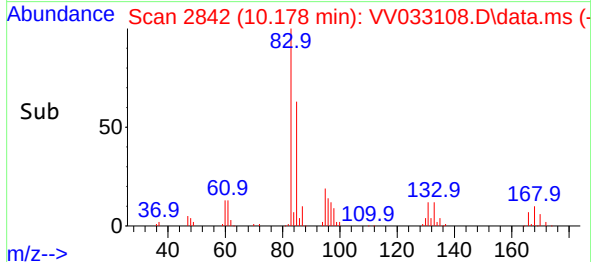
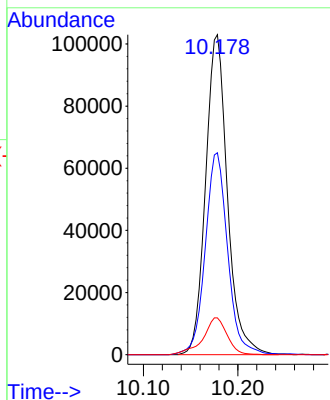


#57
1,1,2,2-Tetrachloroethane
Concen: 52.445 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Instrument :
MSVOA_V
ClientSampleId :

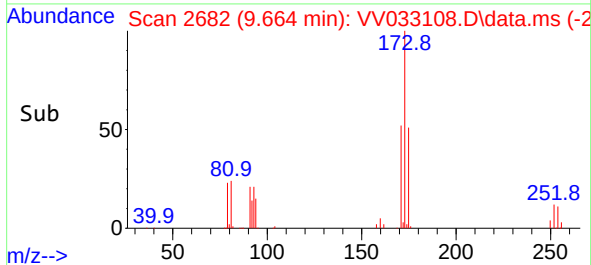
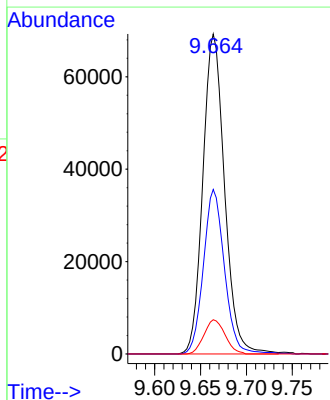
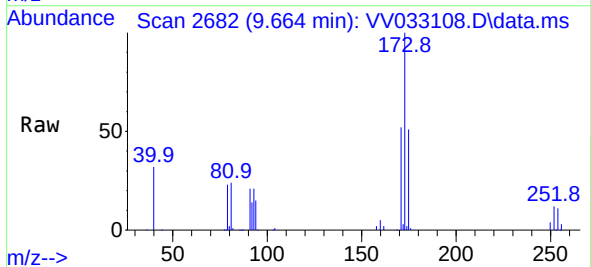


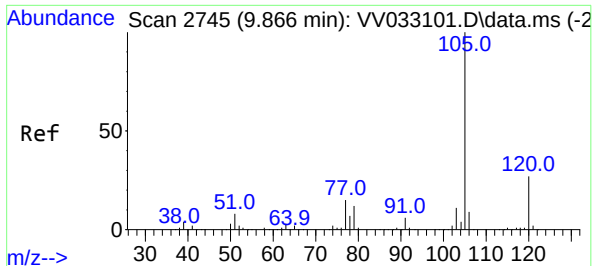
Tgt Ion: 83 Resp: 165125
Ion Ratio Lower Upper
83 100
85 63.1 45.5 84.5
131 11.5 9.7 14.5



#59
Bromoform
Concen: 49.194 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion: 173 Resp: 114008
Ion Ratio Lower Upper
173 100
175 49.8 38.7 58.1
254 10.4 8.0 12.0

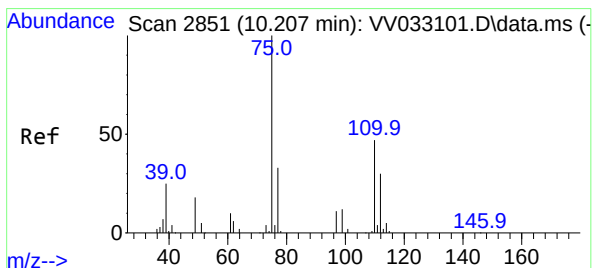
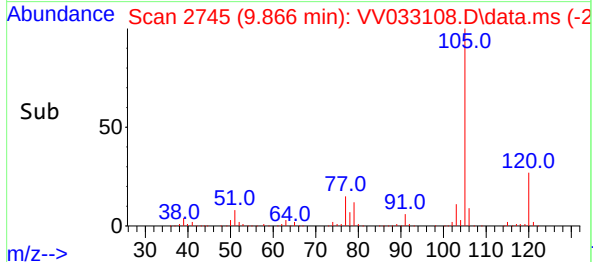
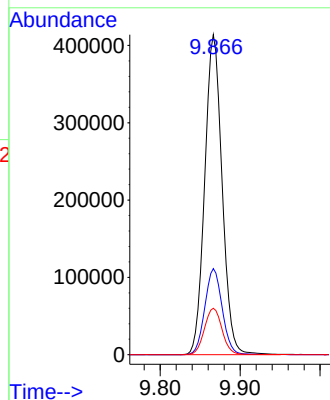
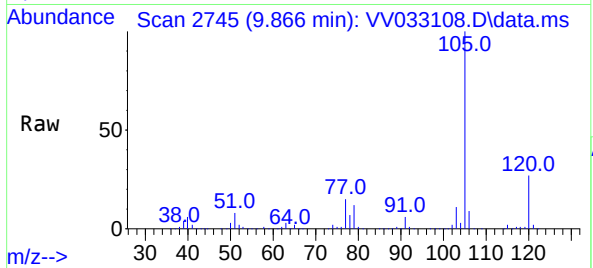




#60
Isopropylbenzene
Concen: 50.883 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

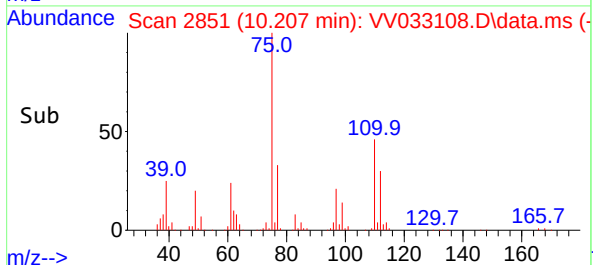
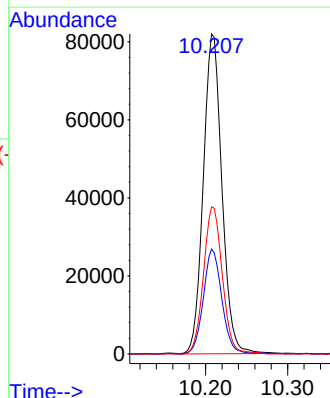
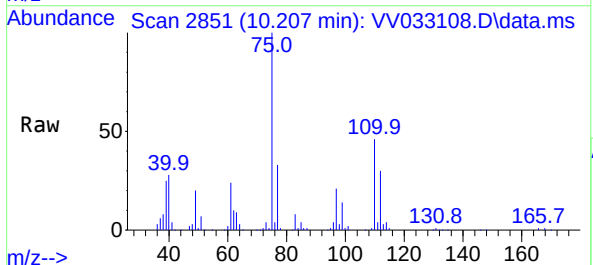
Instrument :
MSVOA_V
ClientSampleId :

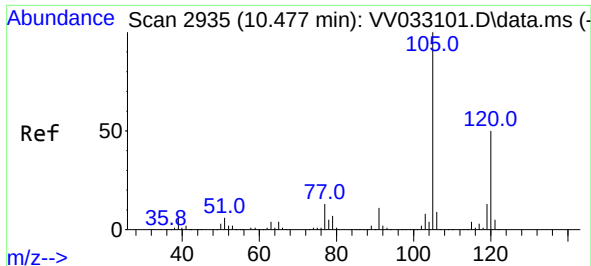
Tgt Ion:105 Resp: 626478
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9
77 14.7 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 48.510 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion: 75 Resp: 129163
Ion Ratio Lower Upper
75 100
77 32.4 27.0 40.6
110 46.6 38.1 57.1





#62

1,3,5-Trimethylbenzene

Concen: 50.967 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV033108.D

Acq: 06 Dec 2023 09:53

Instrument :

MSVOA_V

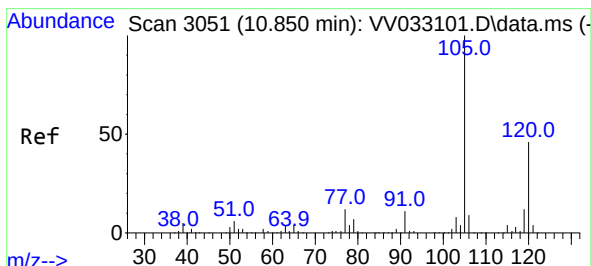
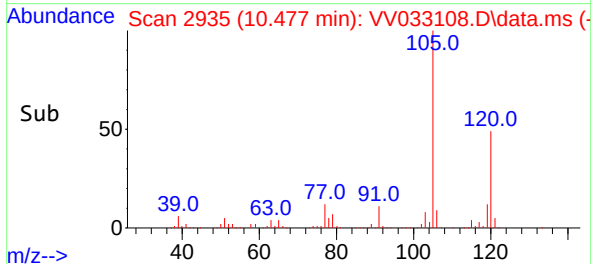
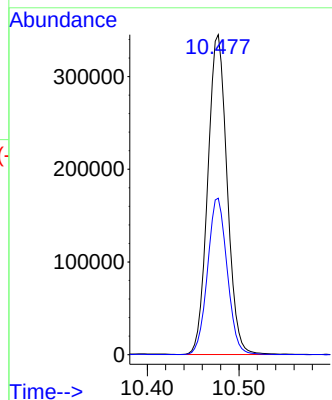
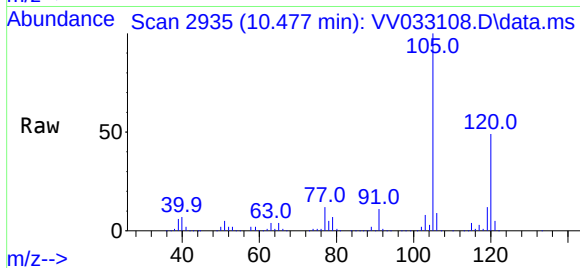
ClientSampleId :

Tgt Ion:105 Resp: 505573

Ion Ratio Lower Upper

105 100

120 49.6 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 51.872 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033108.D

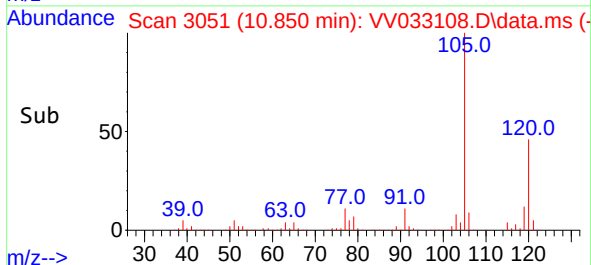
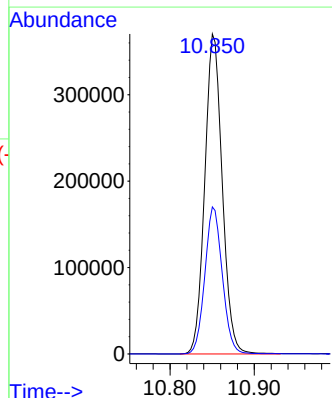
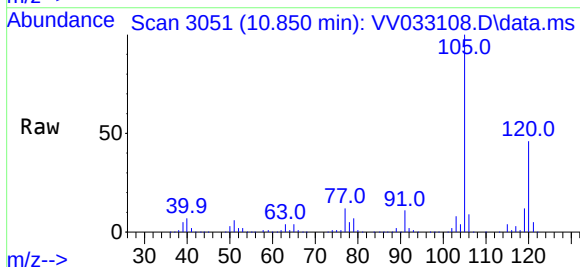
Acq: 06 Dec 2023 09:53

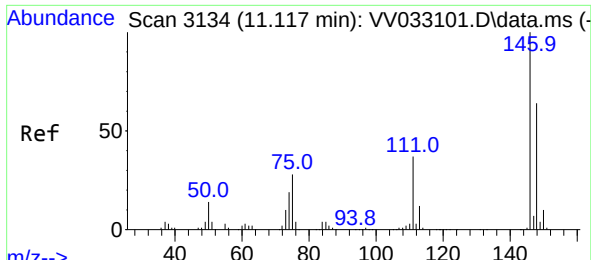
Tgt Ion:105 Resp: 535874

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1

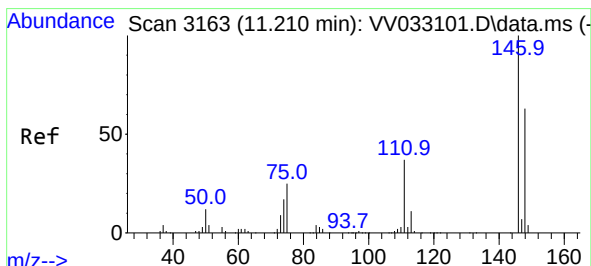
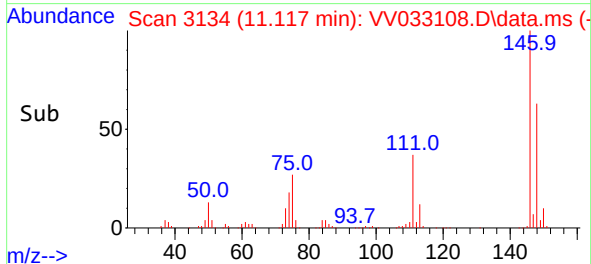
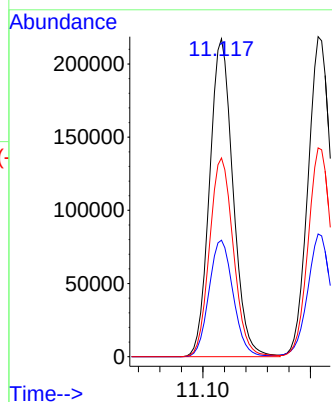
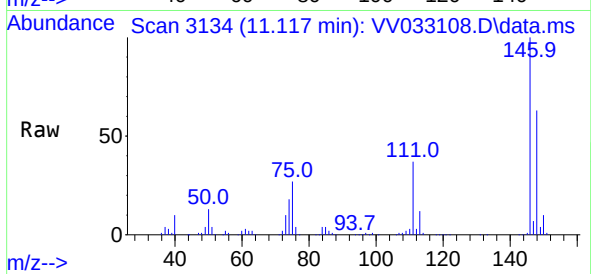




#64
1,3-Dichlorobenzene
Concen: 49.986 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

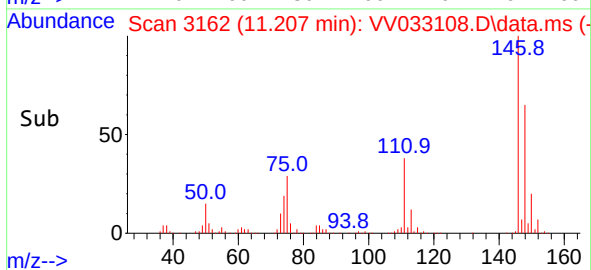
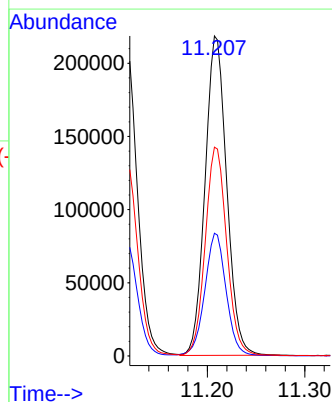
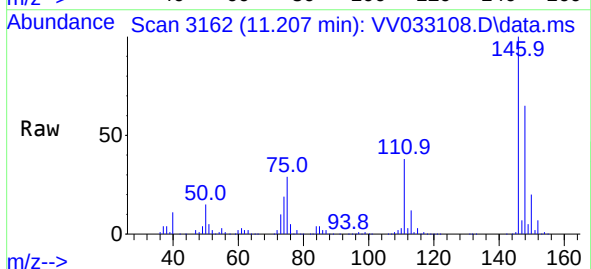
Instrument :
MSVOA_V
ClientSampleId :

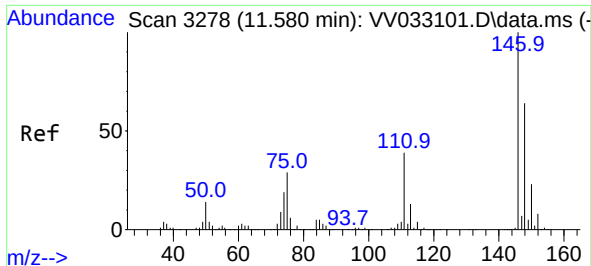
Tgt Ion:146 Resp: 328792
Ion Ratio Lower Upper
146 100
111 36.7 26.2 48.6
148 62.5 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 49.253 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion:146 Resp: 336531
Ion Ratio Lower Upper
146 100
111 38.3 25.9 48.1
148 65.3 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 50.327 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033108.D

Acq: 06 Dec 2023 09:53

Instrument :

MSVOA_V

ClientSampleId :

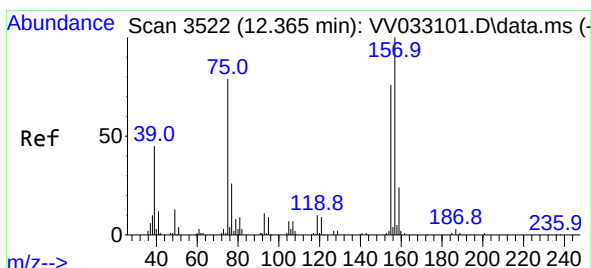
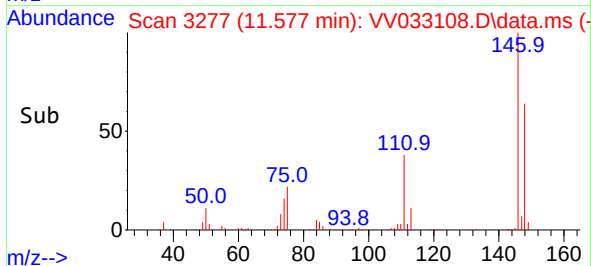
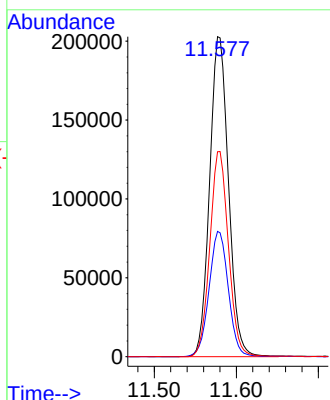
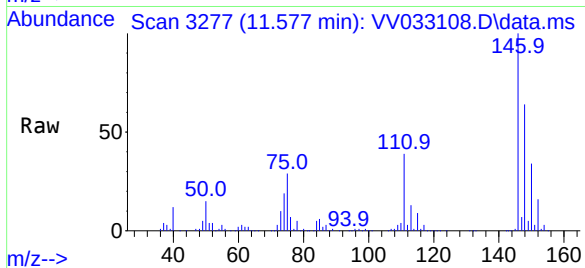
Tgt Ion:146 Resp: 324529

Ion Ratio Lower Upper

146 100

111 39.2 32.4 48.6

148 64.1 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 47.673 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV033108.D

Acq: 06 Dec 2023 09:53

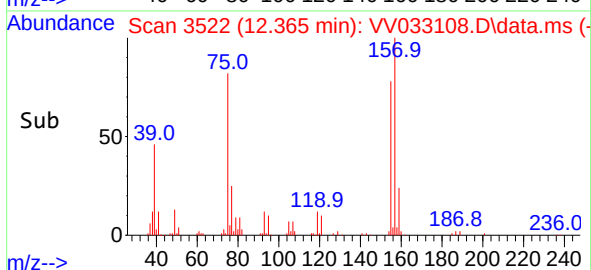
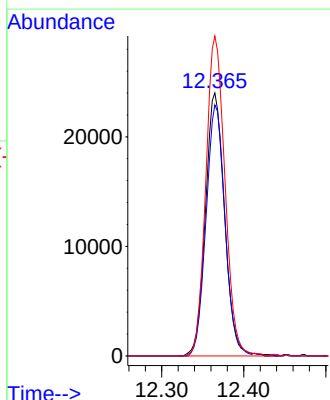
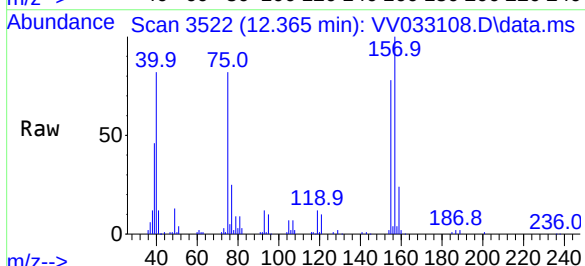
Tgt Ion: 75 Resp: 38948

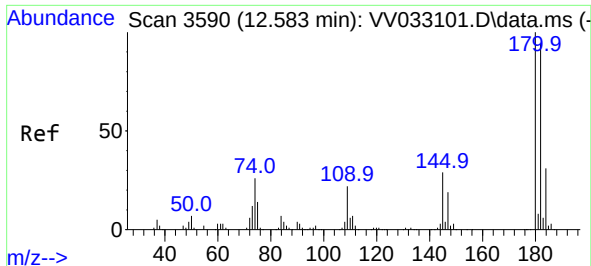
Ion Ratio Lower Upper

75 100

155 95.4 75.8 113.6

157 121.6 95.4 143.0





#69

1,3,5-Trichlorobenzene

Concen: 49.193 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

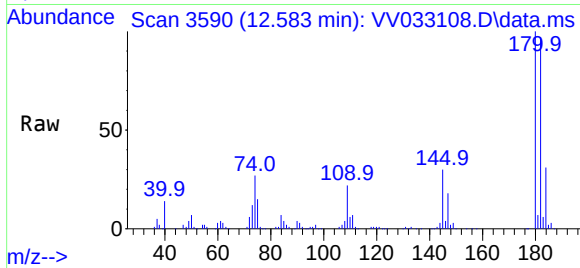
Lab File: VV033108.D

Acq: 06 Dec 2023 09:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 259185

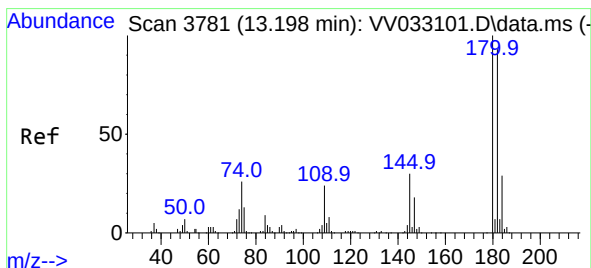
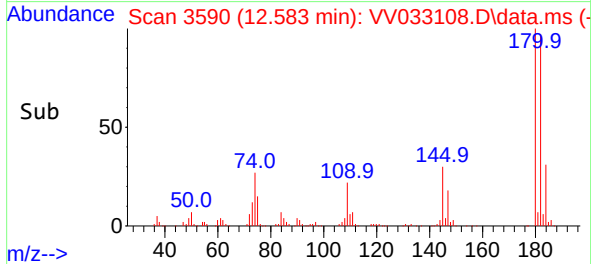
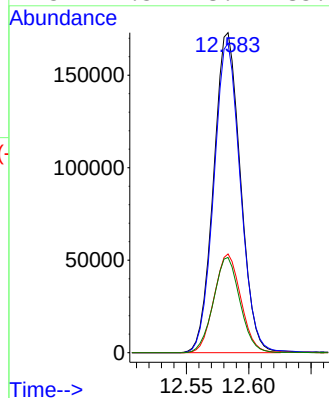
Ion Ratio Lower Upper

180 100

182 96.3 76.2 114.4

184 30.7 24.2 36.4

145 29.5 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 49.527 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV033108.D

Acq: 06 Dec 2023 09:53

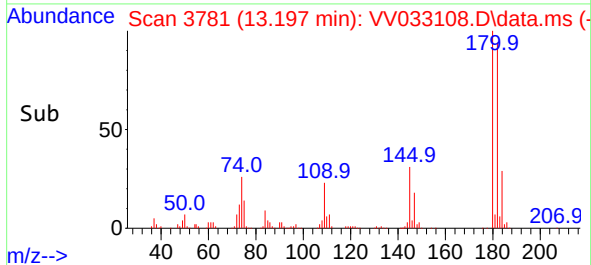
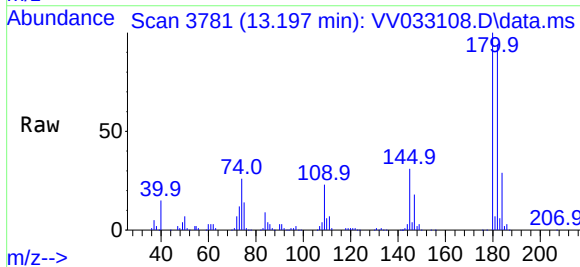
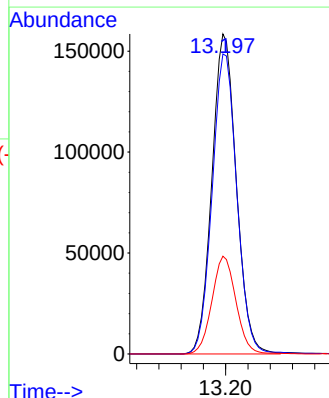
Tgt Ion:180 Resp: 241082

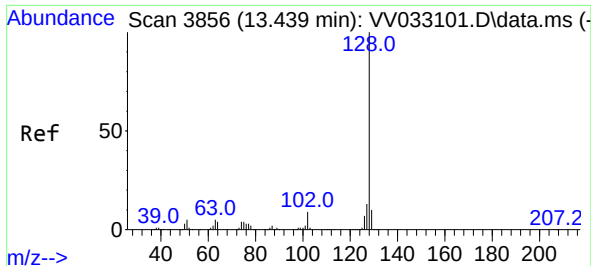
Ion Ratio Lower Upper

180 100

182 94.7 76.3 114.5

145 30.1 23.4 35.0



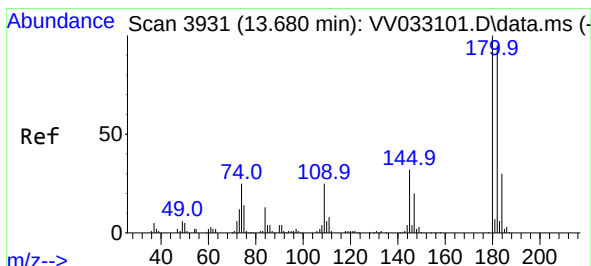
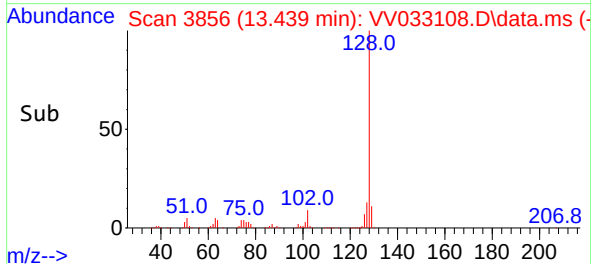
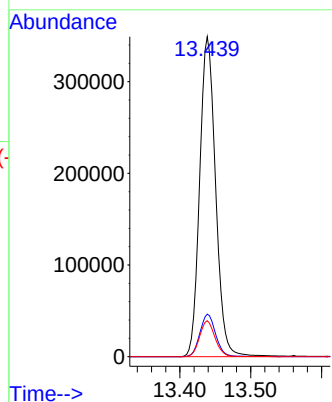
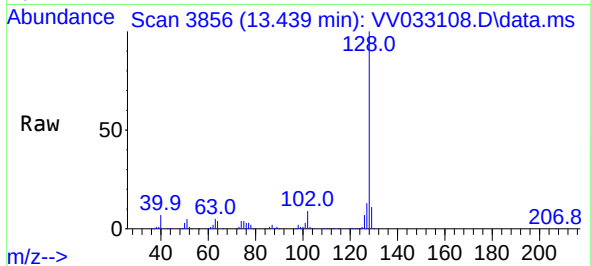


#71
Naphthalene
Concen: 45.925 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 545183

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.9	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.579 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV033108.D
Acq: 06 Dec 2023 09:53

Tgt Ion:180 Resp: 232870

Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.2	112.8
145	31.3	24.9	37.3

