

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112223\
 Data File : VW033058.D
 Acq On : 22 Nov 2023 14:34
 Operator : SY/MD
 Sample : 05438-08MSDME
 Misc : 5.09G/5mL/100uL/5.00ML/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 05:52:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 22 03:48:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	335125	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	333613	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	209202	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	69869	39.875	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.760%
7) Chloroethane-d5	1.507	69	58084	43.102	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.040	65	24511	34.187	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.380%
21) 2-Butanone-d5	3.796	46	101556	91.096	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.100%
24) Chloroform-d	4.249	84	188732	43.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.420%
26) 1,2-Dichloroethane-d4	4.941	65	121283	45.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.060%
32) Benzene-d6	4.953	84	321867	41.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.860%
36) 1,2-Dichloropropane-d6	5.989	67	95476	43.338	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.680%
41) Toluene-d8	7.243	98	299046	40.323	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.640%
43) trans-1,3-Dichloroprop...	7.555	79	57822	44.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.920%
47) 2-Hexanone-d5	8.037	63	89295	97.950	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.950%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	156279	46.602	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	165772	44.436	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	151947	41.968	ug/L	100
3) Chloromethane	1.214	50	115359	42.694	ug/L	100
5) Vinyl chloride	1.282	62	109754	43.789	ug/L	99
6) Bromomethane	1.465	94	83265	50.273	ug/L	98
8) Chloroethane	1.519	64	60698	43.783	ug/L	100
9) Trichlorofluoromethane	1.677	101	173099	42.658	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	81512	40.739	ug/L	94
12) 1,1-Dichloroethene	2.050	96	76020	41.149	ug/L	94
13) Acetone	2.121	43	75371	69.098	ug/L	100
14) Carbon disulfide	2.220	76	244903	39.859	ug/L	98
15) Methyl Acetate	2.375	43	83455	43.642	ug/L	100
16) Methylene chloride	2.439	84	107842	41.203	ug/L	97
17) trans-1,2-Dichloroethene	2.683	96	103593	43.815	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	343865	46.364	ug/L	99
19) 1,1-Dichloroethane	3.105	63	178754	42.325	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	119646	45.134	ug/L	98
22) 2-Butanone	3.876	43	112215	79.453	ug/L	97
23) Bromochloromethane	4.143	128	65382	44.842	ug/L	96
25) Chloroform	4.275	83	209492	44.071	ug/L	99

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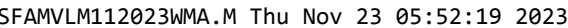
Instrument :
 MSVOA_V
 ClientSampleId :

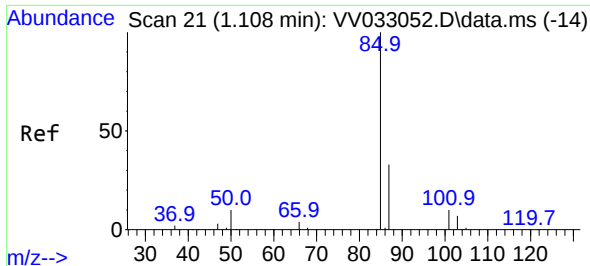
Quant Time: Nov 23 05:52:14 2023
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 Quant Title : VOC Analysis
 QLast Update : Wed Nov 22 03:48:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	171120	46.145	ug/L	95
29) Cyclohexane	4.574	56	142826	44.373	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	200031	45.906	ug/L	99
31) Carbon tetrachloride	4.728	117	182097	44.845	ug/L	100
33) Benzene	5.005	78	422873	45.571	ug/L	100
34) Trichloroethene	5.831	95	120113	45.922	ug/L	96
35) Methylcyclohexane	6.047	83	170986	44.977	ug/L	99
37) 1,2-Dichloropropane	6.092	63	101826	44.706	ug/L	100
38) Bromodichloromethane	6.436	83	161201	45.551	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	189602	48.353	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	226079	90.744	ug/L	97
42) Toluene	7.317	91	477744	46.464	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	188917	47.946	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	117626	45.857	ug/L	98
46) Tetrachloroethene	7.905	164	105135	46.125	ug/L	96
48) 2-Hexanone	8.088	43	178059	90.339	ug/L	99
49) Dibromochloromethane	8.178	129	138375	46.806	ug/L	98
50) 1,2-Dibromoethane	8.284	107	122854	45.731	ug/L	97
51) Chlorobenzene	8.815	112	331473	45.430	ug/L	99
52) Ethylbenzene	8.947	91	551176	46.696	ug/L	99
53) m,p-Xylene	9.075	106	223208	48.131	ug/L	99
54) o-Xylene	9.481	106	212944	47.702	ug/L	95
55) Styrene	9.500	104	389960	48.970	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	169565	46.795	ug/L	97
59) Bromoform	9.670	173	117675	48.266	ug/L	100
60) Isopropylbenzene	9.870	105	591774	46.661	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	131618	43.612	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	486131	47.776	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	510530	47.894	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	315480	46.431	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	330829	45.806	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	311022	45.618	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	39230	44.683	ug/L	97
69) 1,3,5-Trichlorobenzene	12.587	180	245120	46.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	227884	47.073	ug/L	98
71) Naphthalene	13.442	128	589264	49.213	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	223744	47.669	ug/L	99

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

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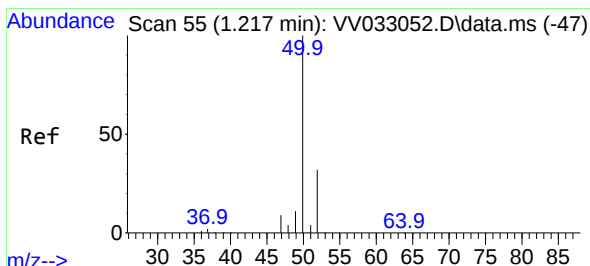
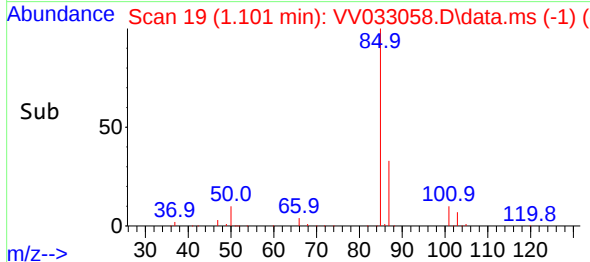
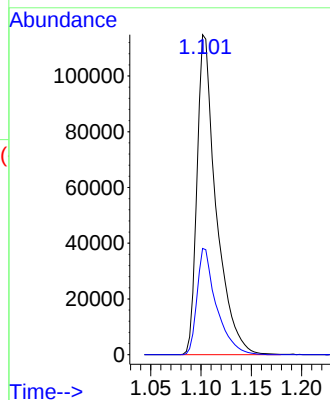
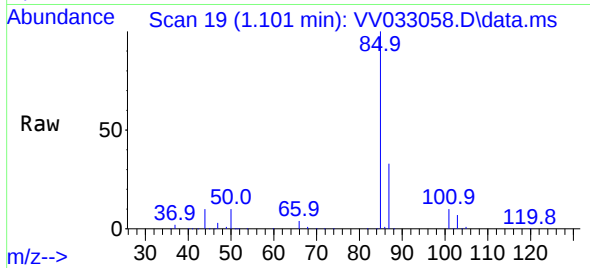




#2
Dichlorodifluoromethane
Concen: 41.968 ug/L
RT: 1.101 min Scan# 19
Delta R.T. -0.006 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

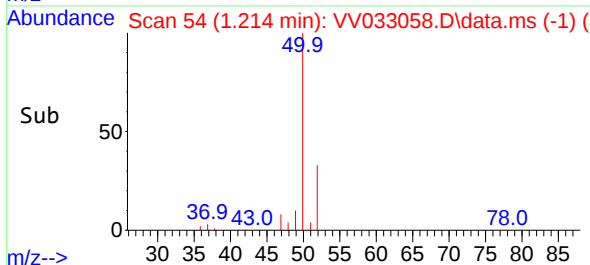
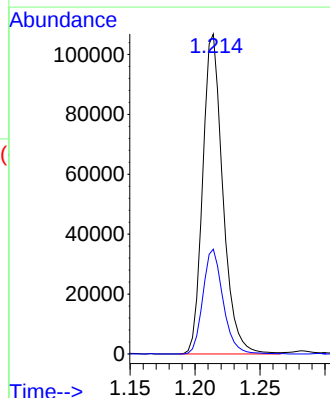
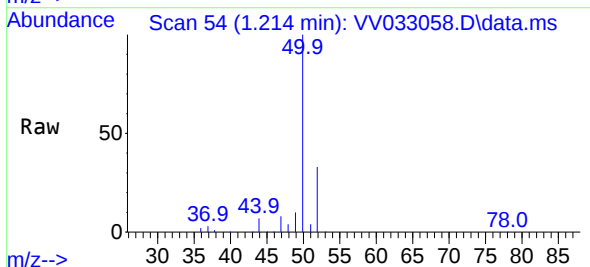
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 151947
Ion Ratio Lower Upper
85 100
87 33.5 26.8 40.2

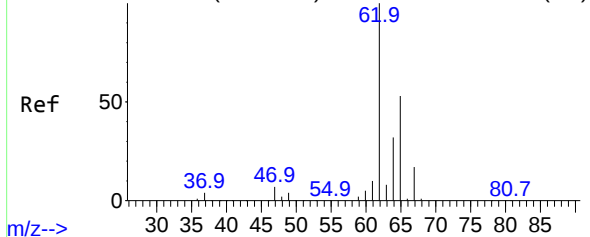


#3
Chloromethane
Concen: 42.694 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion: 50 Resp: 115359
Ion Ratio Lower Upper
50 100
52 32.7 22.7 42.3



Abundance Scan 76 (1.285 min): VV033052.D\data.ms (-68)



#5

Vinyl chloride

Concen: 43.789 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV033058.D

Acq: 22 Nov 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

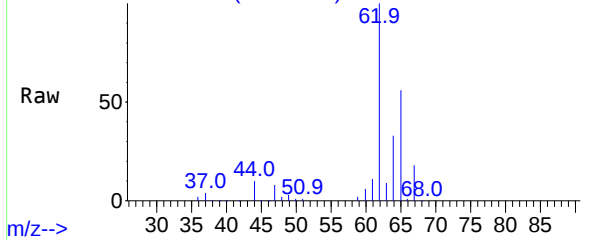
Tgt Ion: 62 Resp: 109754

Ion Ratio Lower Upper

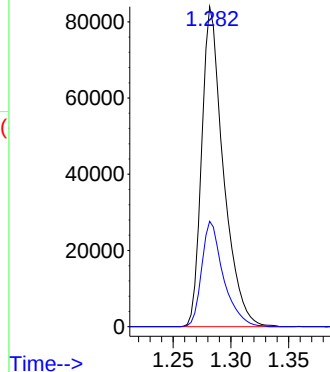
62 100

64 33.0 22.7 42.1

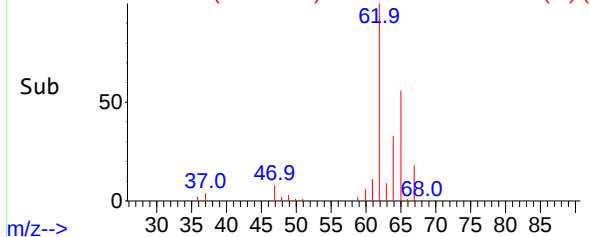
Abundance Scan 75 (1.282 min): VV033058.D\data.ms



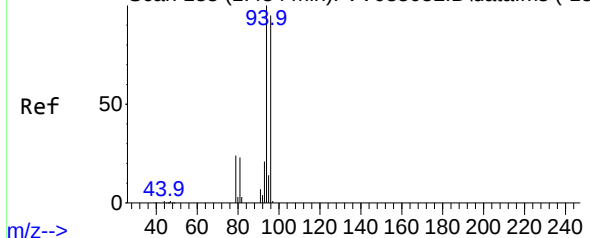
Abundance



Abundance Scan 75 (1.282 min): VV033058.D\data.ms (-1)



Abundance Scan 138 (1.484 min): VV033052.D\data.ms (-13)



#6

Bromomethane

Concen: 50.273 ug/L

RT: 1.465 min Scan# 132

Delta R.T. -0.019 min

Lab File: VV033058.D

Acq: 22 Nov 2023 14:34

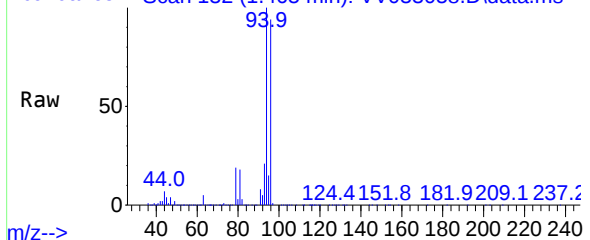
Tgt Ion: 94 Resp: 83265

Ion Ratio Lower Upper

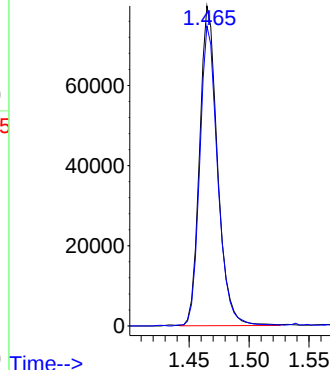
94 100

96 93.8 64.4 119.6

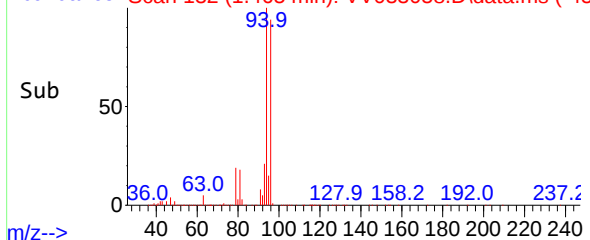
Abundance Scan 132 (1.465 min): VV033058.D\data.ms

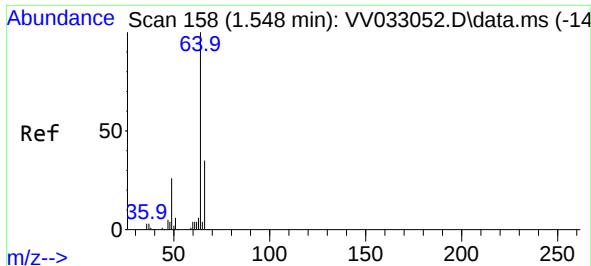


Abundance



Abundance Scan 132 (1.465 min): VV033058.D\data.ms (-45)

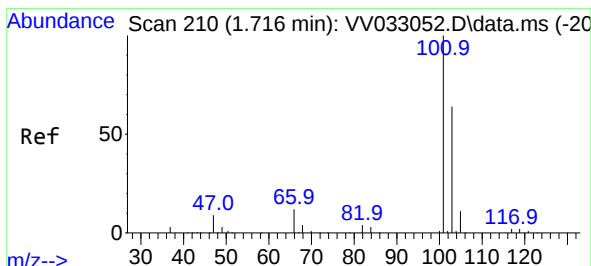
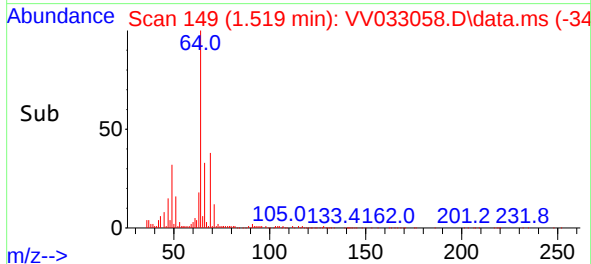
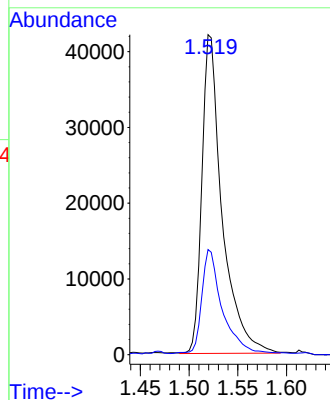
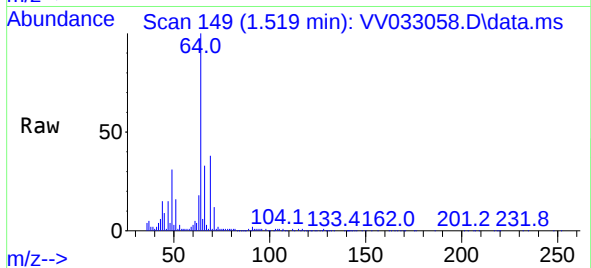




#8
Chloroethane
Concen: 43.783 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.029 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

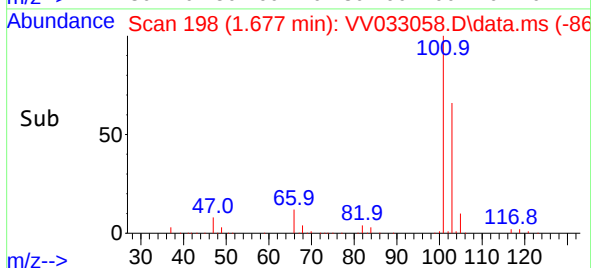
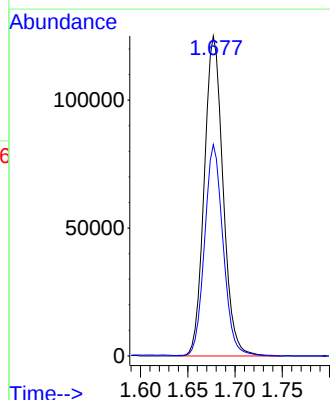
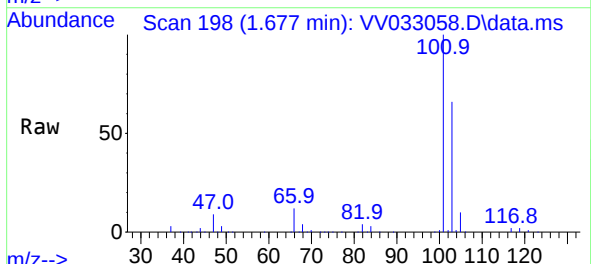
Instrument :
MSVOA_V
ClientSampleId :

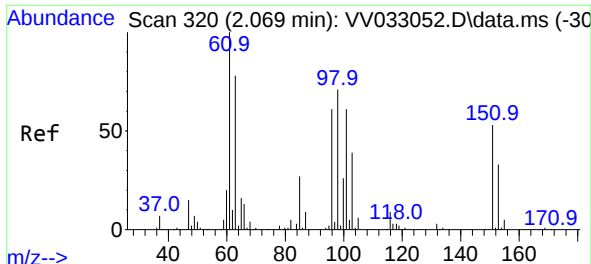
Tgt Ion: 64 Resp: 60698
Ion Ratio Lower Upper
64 100
66 32.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 42.658 ug/L
RT: 1.677 min Scan# 198
Delta R.T. -0.039 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion: 101 Resp: 173099
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

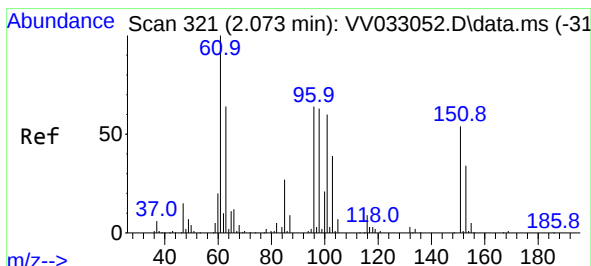
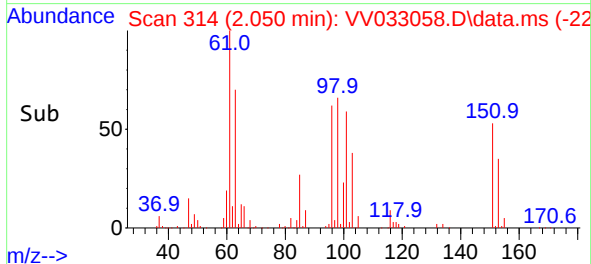
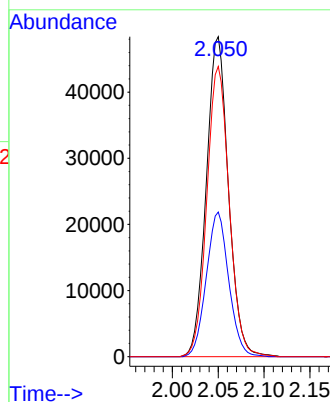
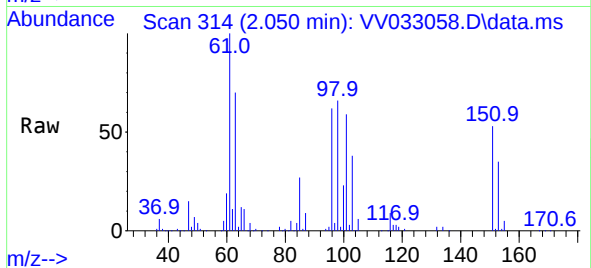




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 40.739 ug/L
RT: 2.050 min Scan# 314
Delta R.T. -0.019 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

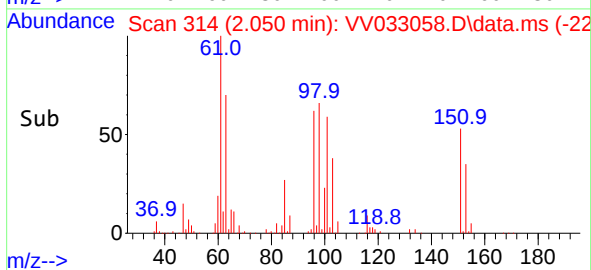
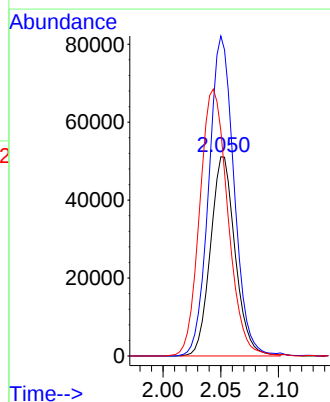
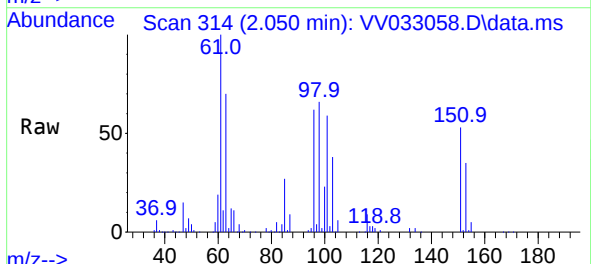
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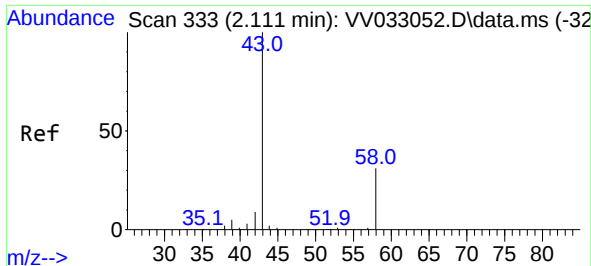
Tgt Ion:101 Resp: 81512
Ion Ratio Lower Upper
101 100
85 45.7 35.5 53.3
151 91.3 67.0 100.4



#12
1,1-Dichloroethene
Concen: 41.149 ug/L
RT: 2.050 min Scan# 314
Delta R.T. -0.019 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion: 96 Resp: 76020
Ion Ratio Lower Upper
96 100
61 160.6 116.6 216.6
63 113.1 84.8 157.4





#13

Acetone

Concen: 69.098 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV033058.D

Acq: 22 Nov 2023 14:34

Instrument :

MSVOA_V

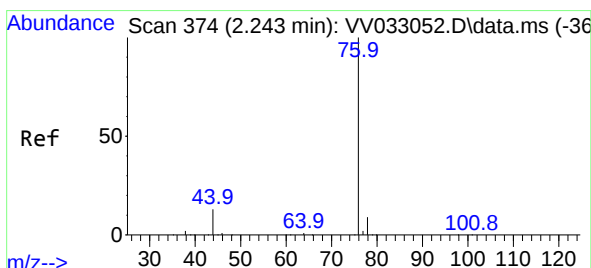
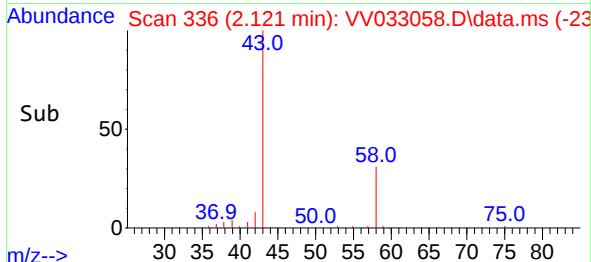
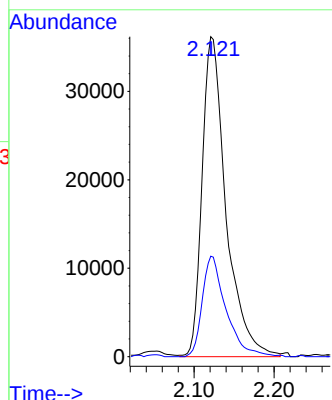
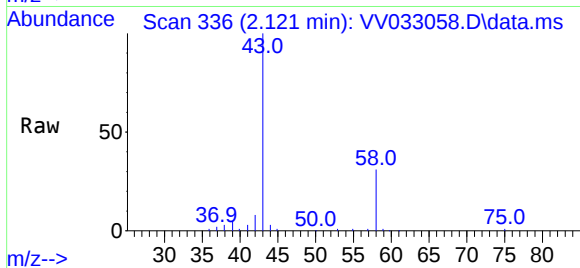
ClientSampleId :

Tgt Ion: 43 Resp: 75371

Ion Ratio Lower Upper

43 100

58 31.1 0.0 62.6



#14

Carbon disulfide

Concen: 39.859 ug/L

RT: 2.220 min Scan# 367

Delta R.T. -0.023 min

Lab File: VV033058.D

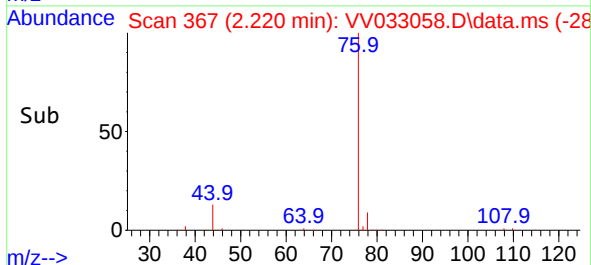
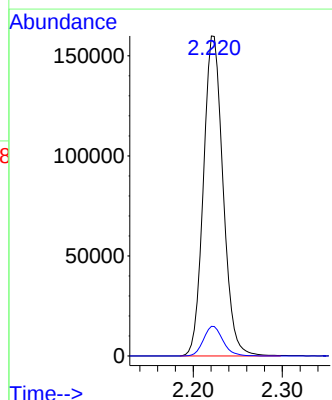
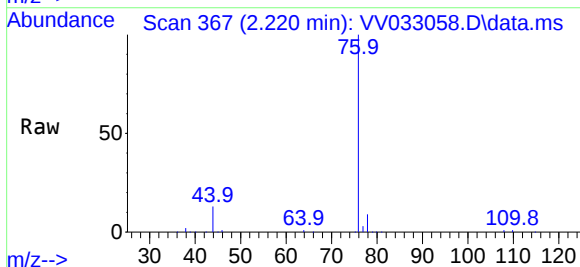
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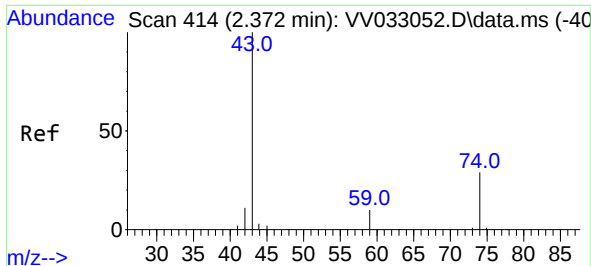
Tgt Ion: 76 Resp: 244903

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

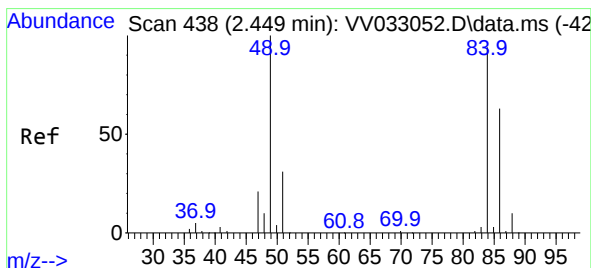
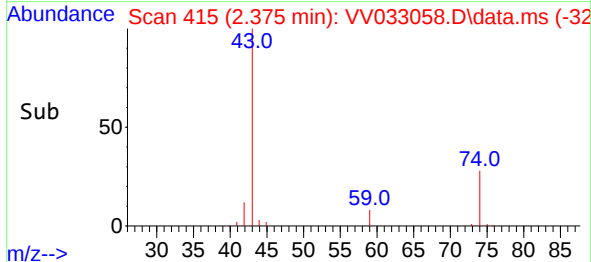
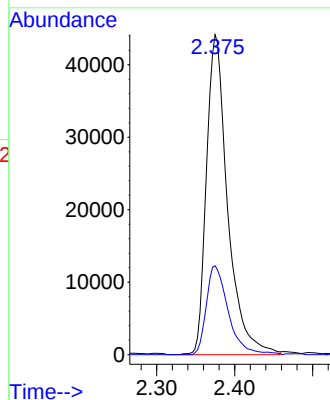
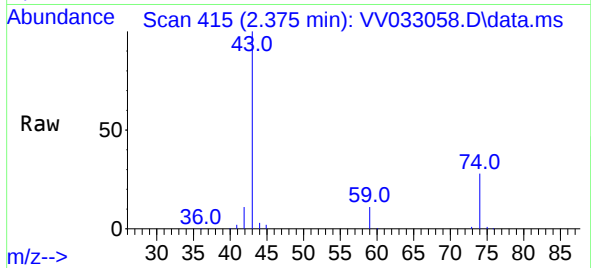




#15
Methyl Acetate
Concen: 43.642 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.006 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

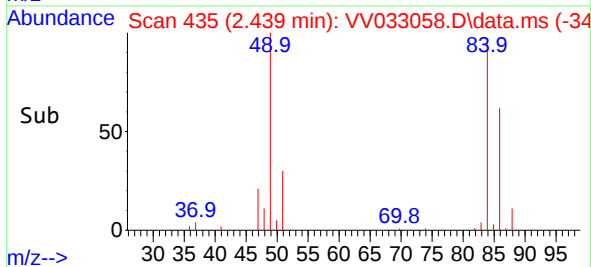
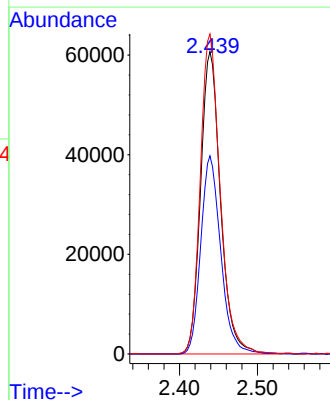
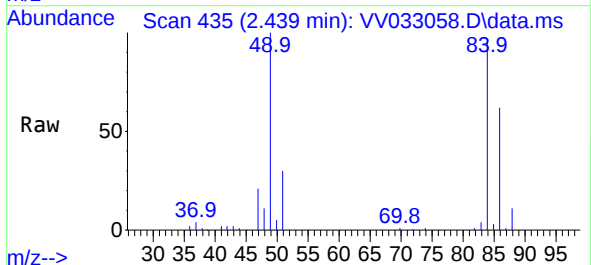
Instrument :
MSVOA_V
ClientSampleId :

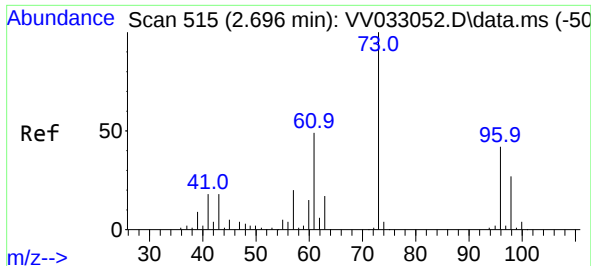
Tgt Ion: 43 Resp: 83455
Ion Ratio Lower Upper
43 100
74 28.4 22.7 34.1



#16
Methylene chloride
Concen: 41.203 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.006 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

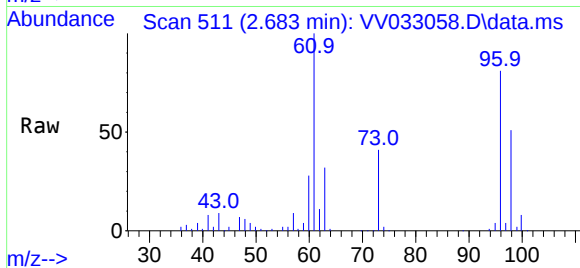
Tgt Ion: 84 Resp: 107842
Ion Ratio Lower Upper
84 100
86 65.5 44.7 83.1
49 105.8 76.6 142.3



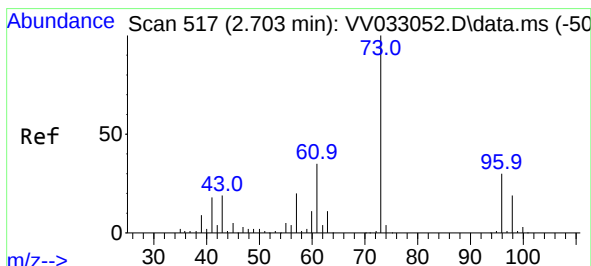
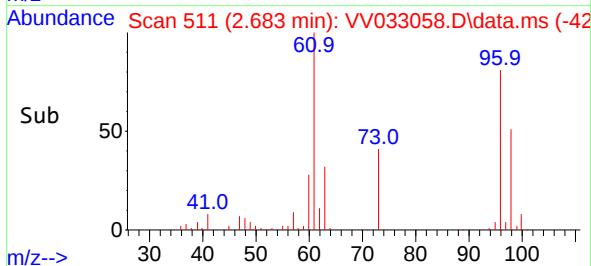
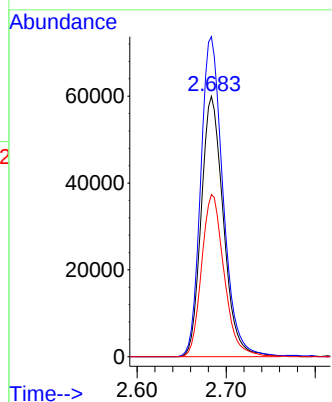


#17
trans-1,2-Dichloroethene
Concen: 43.815 ug/L
RT: 2.683 min Scan# 515
Delta R.T. -0.010 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Instrument :
MSVOA_V
ClientSampleId :

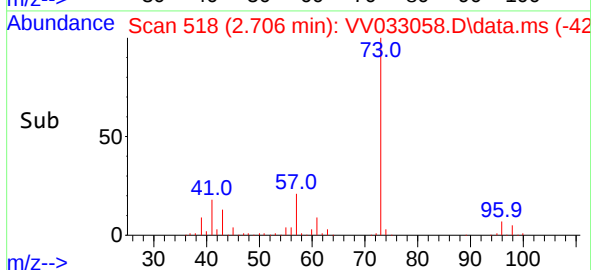
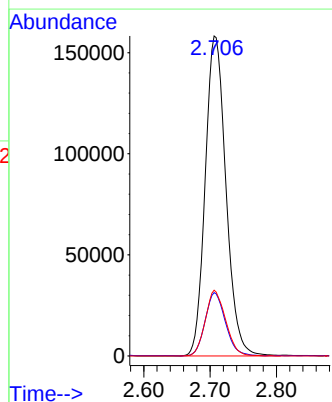
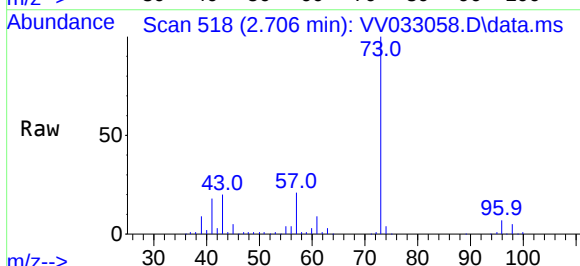


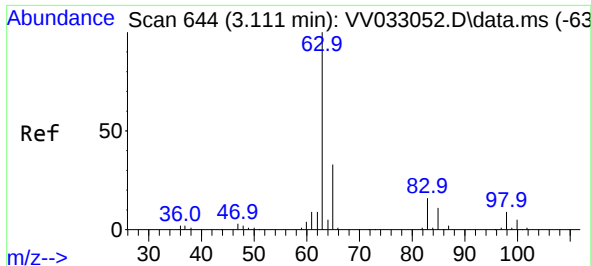
Tgt Ion: 96 Resp: 103593
Ion Ratio Lower Upper
96 100
61 122.9 89.5 166.3
98 62.3 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 46.364 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion: 73 Resp: 343865
Ion Ratio Lower Upper
73 100
43 19.5 15.2 22.8
57 20.1 15.8 23.8

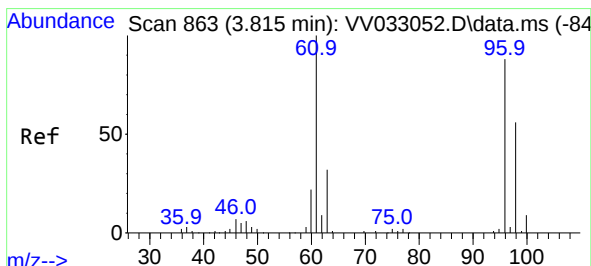
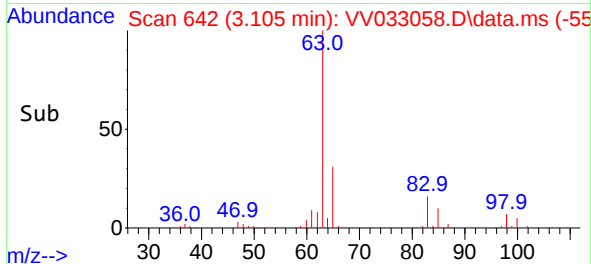
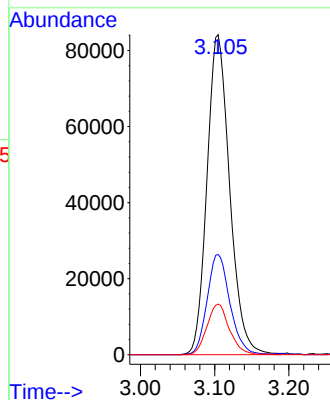
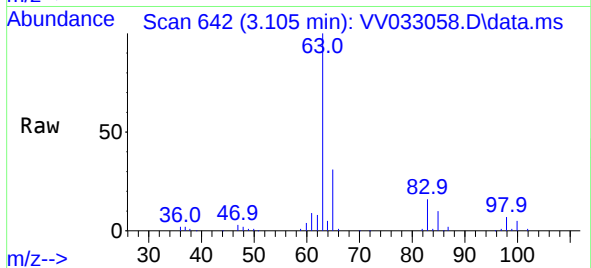




#19
1,1-Dichloroethane
Concen: 42.325 ug/L
RT: 3.105 min Scan# 64
Delta R.T. -0.006 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

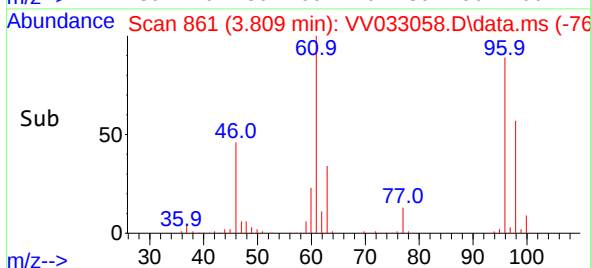
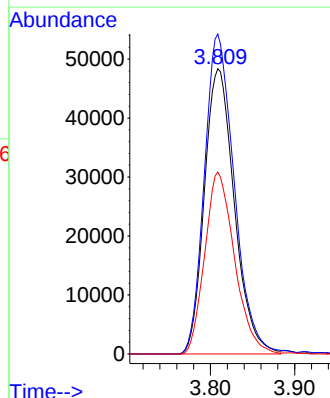
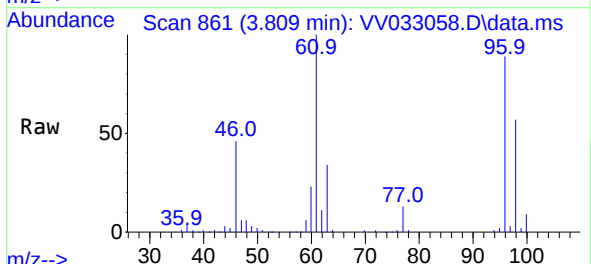
Instrument :
MSVOA_V
ClientSampleId :

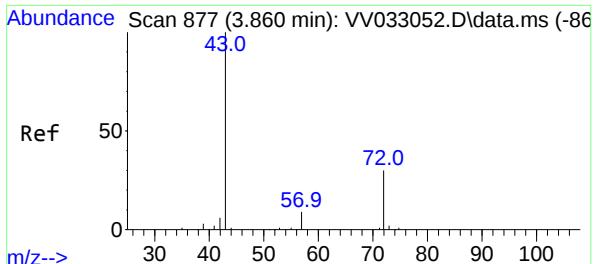
Tgt Ion: 63 Resp: 178754
Ion Ratio Lower Upper
63 100
65 31.3 22.4 41.6
83 15.8 10.7 19.9



#20
cis-1,2-Dichloroethene
Concen: 45.134 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion: 96 Resp: 119646
Ion Ratio Lower Upper
96 100
61 112.2 80.2 149.0
98 63.8 45.1 83.7

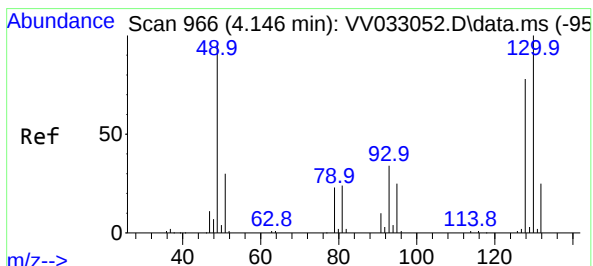
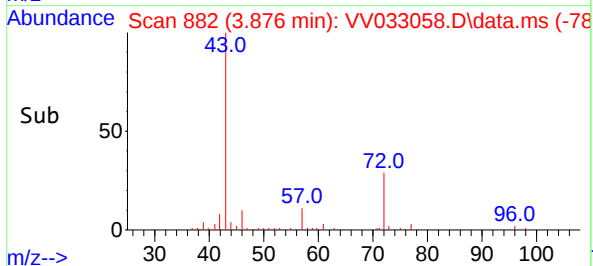
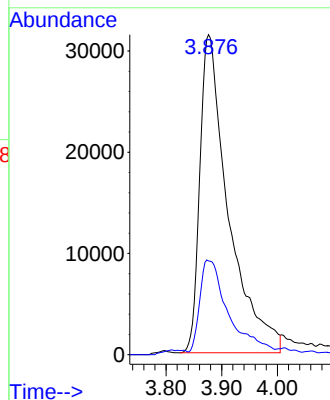
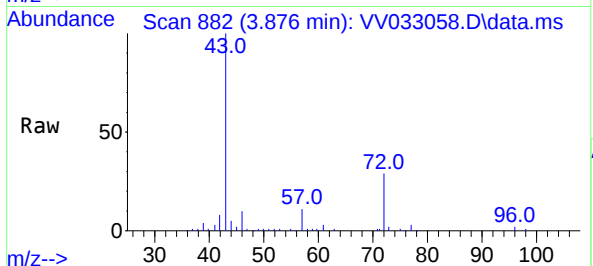




#22
2-Butanone
Concen: 79.453 ug/L
RT: 3.876 min Scan# 811
Delta R.T. 0.016 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

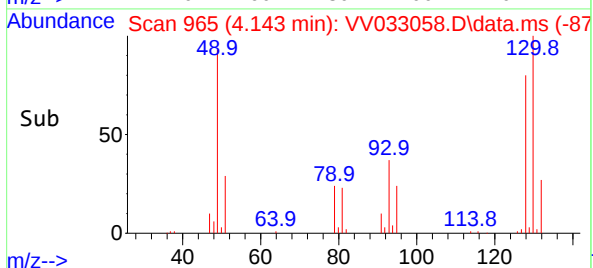
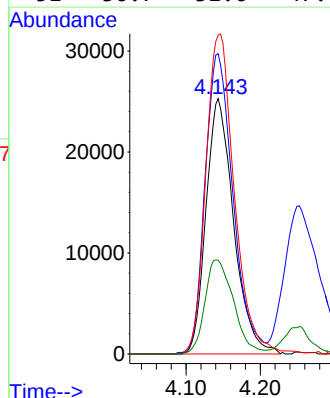
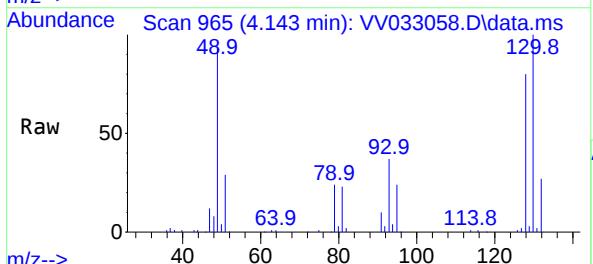
Instrument :
MSVOA_V
ClientSampleId :

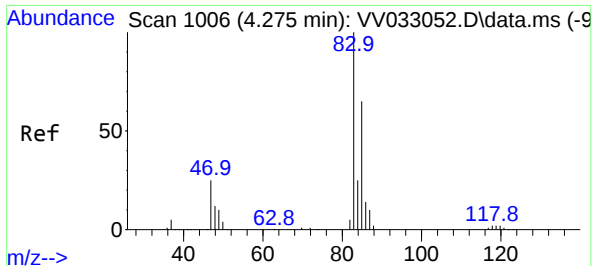
Tgt Ion: 43 Resp: 112215
Ion Ratio Lower Upper
43 100
72 26.5 13.9 41.7



#23
Bromochloromethane
Concen: 44.842 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion:128 Resp: 65382
Ion Ratio Lower Upper
128 100
49 117.6 87.1 161.7
130 124.8 88.1 163.5
51 36.7 31.6 47.4





#25

Chloroform

Concen: 44.071 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV033058.D

Acq: 22 Nov 2023 14:34

Instrument :

MSVOA_V

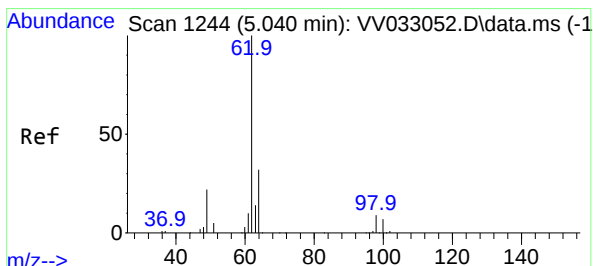
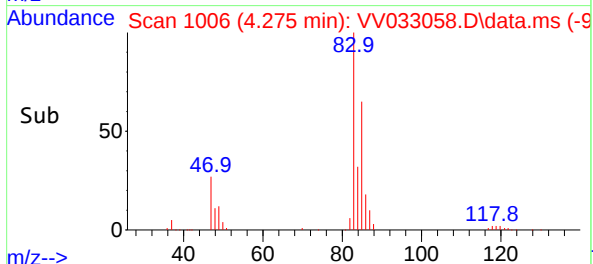
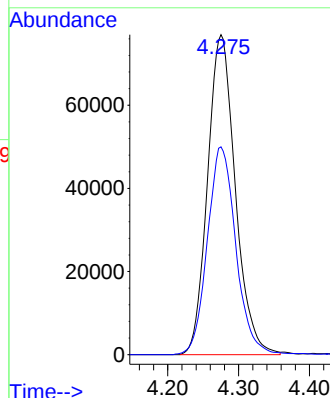
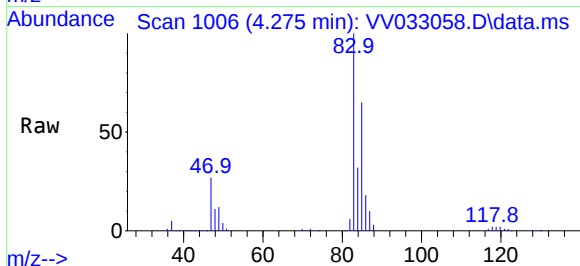
ClientSampleId :

Tgt Ion: 83 Resp: 209492

Ion Ratio Lower Upper

83 100

85 65.0 46.2 85.8



#27

1,2-Dichloroethane

Concen: 46.145 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV033058.D

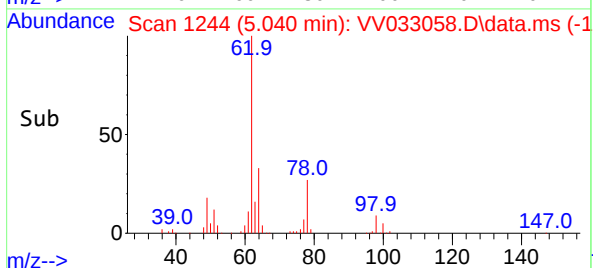
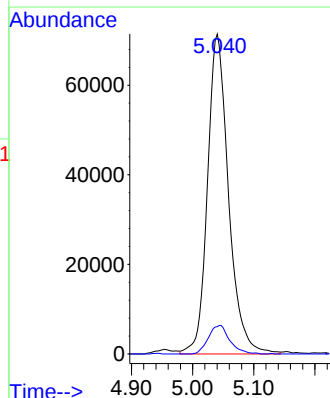
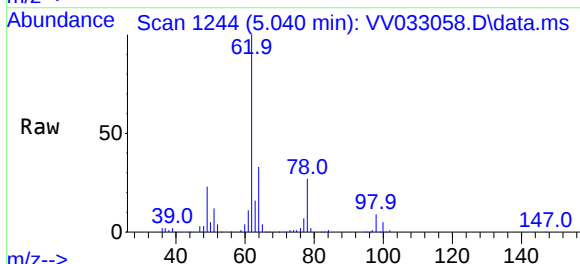
Acq: 22 Nov 2023 14:34

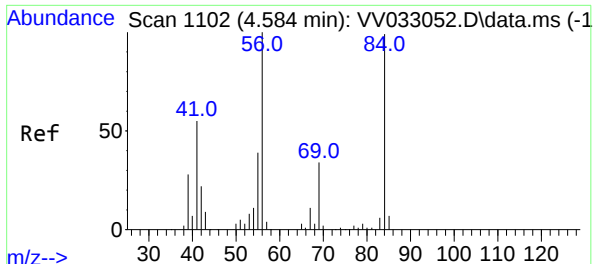
Tgt Ion: 62 Resp: 171120

Ion Ratio Lower Upper

62 100

98 8.6 8.3 12.5





#29

Cyclohexane

Concen: 44.373 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.010 min

Lab File: VV033058.D

Acq: 22 Nov 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

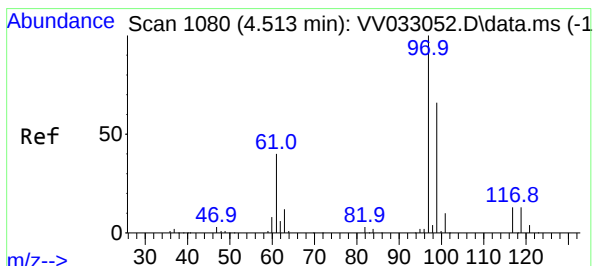
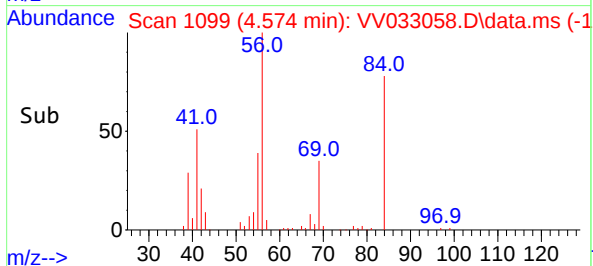
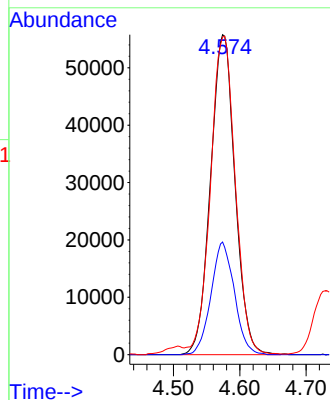
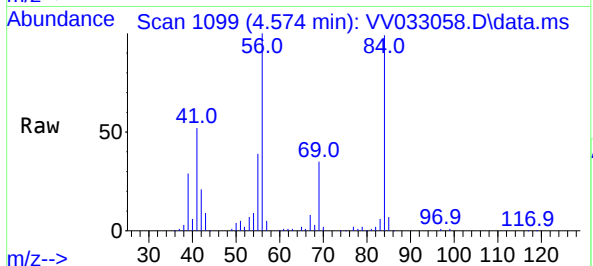
Tgt Ion: 56 Resp: 142826

Ion Ratio Lower Upper

56 100

69 33.6 26.7 40.1

84 99.8 78.1 117.1



#30

1,1,1-Trichloroethane

Concen: 45.906 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV033058.D

Acq: 22 Nov 2023 14:34

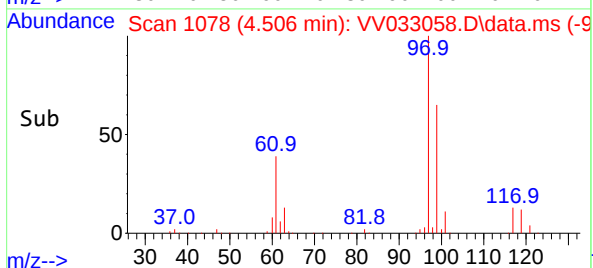
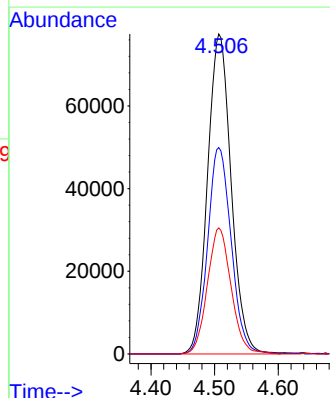
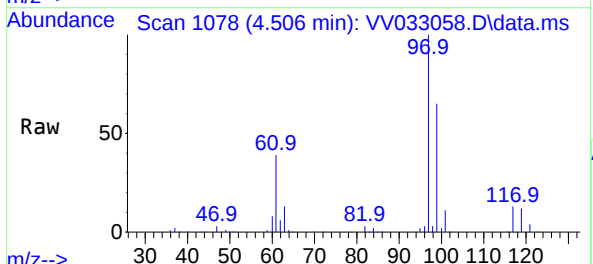
Tgt Ion: 97 Resp: 200031

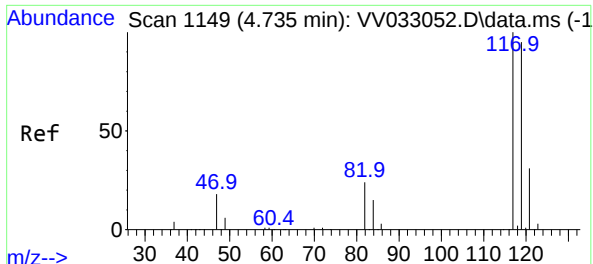
Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

61 39.5 32.1 48.1

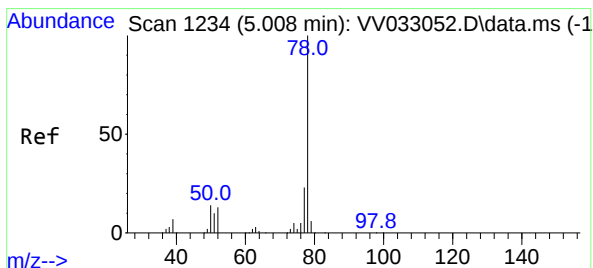
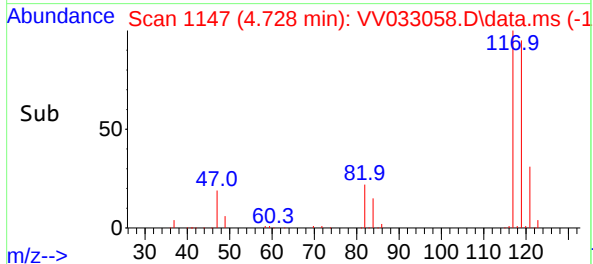
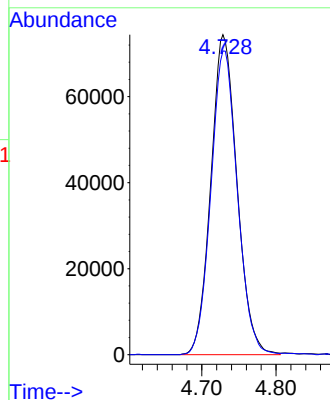
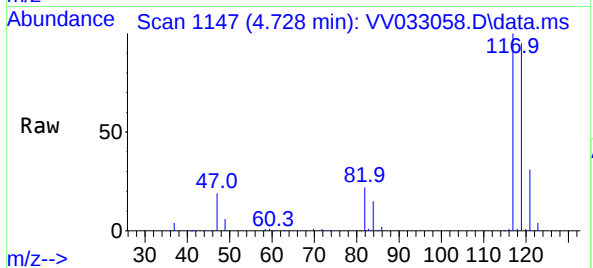




#31
Carbon tetrachloride
Concen: 44.845 ug/L
RT: 4.728 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

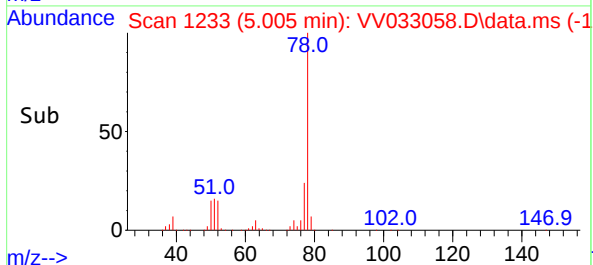
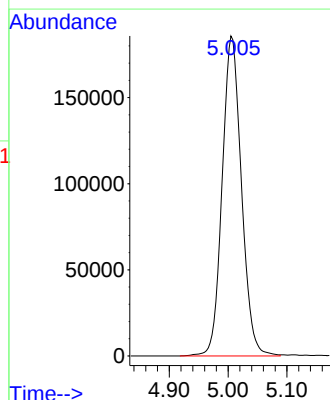
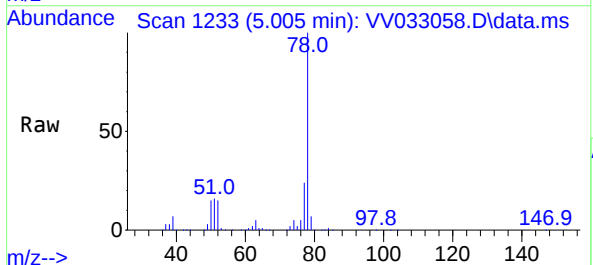
Instrument :
MSVOA_V
ClientSampleId :

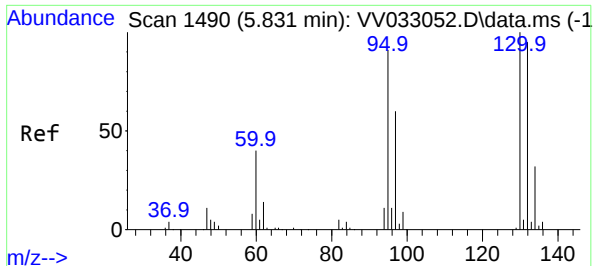
Tgt Ion:117 Resp: 182097
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7



#33
Benzene
Concen: 45.571 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

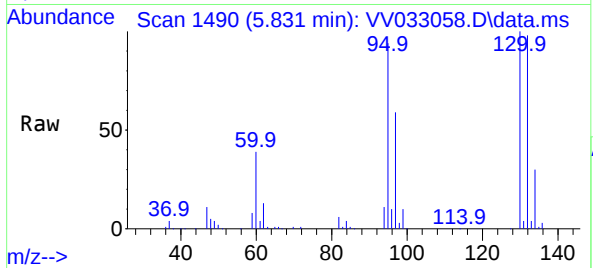
Tgt Ion: 78 Resp: 422873



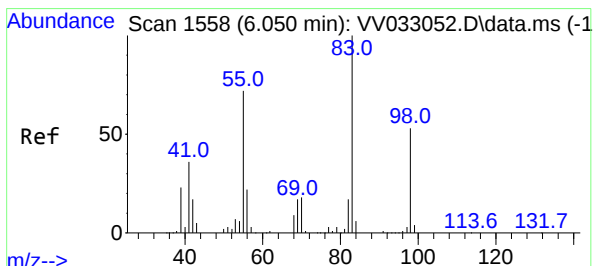
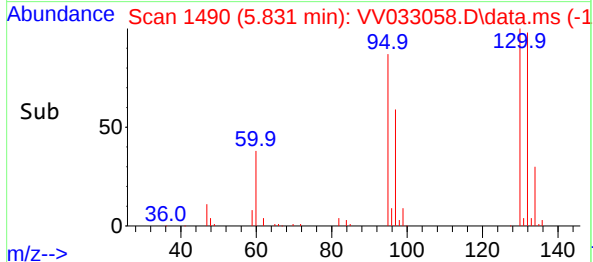
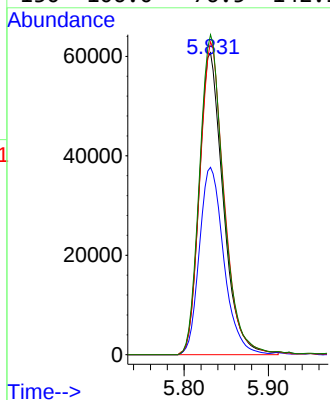


#34
Trichloroethene
Concen: 45.922 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Instrument :
MSVOA_V
ClientSampleId :

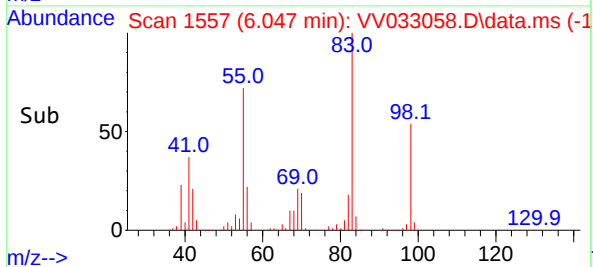
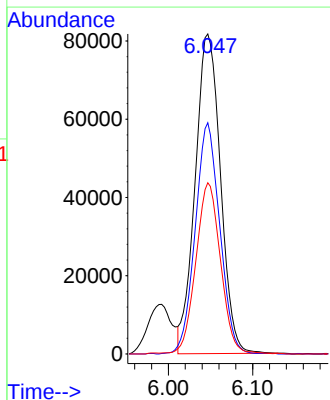
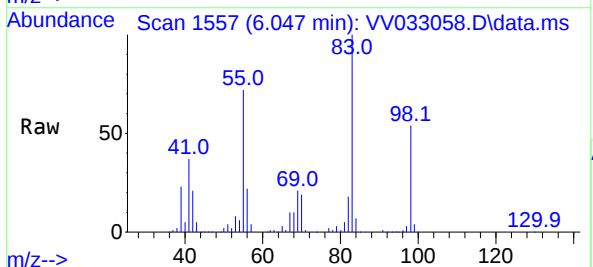


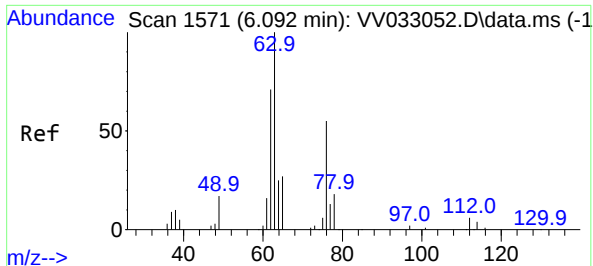
Tgt Ion: 95 Resp: 120113
Ion Ratio Lower Upper
95 100
97 62.1 46.0 85.4
132 103.6 76.0 141.2
130 106.0 76.5 142.1



#35
Methylcyclohexane
Concen: 44.977 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion: 83 Resp: 170986
Ion Ratio Lower Upper
83 100
55 70.1 56.3 84.5
98 52.2 40.5 60.7

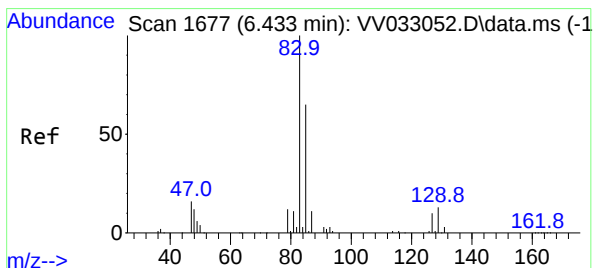
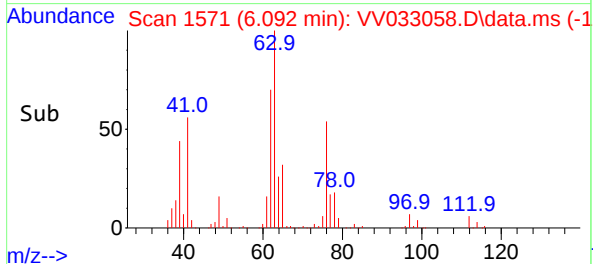
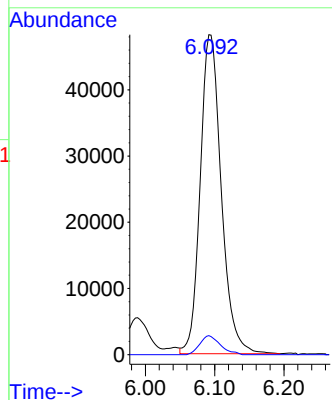
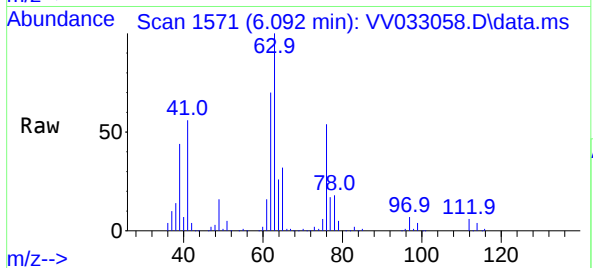




#37
1,2-Dichloropropane
Concen: 44.706 ug/L
RT: 6.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

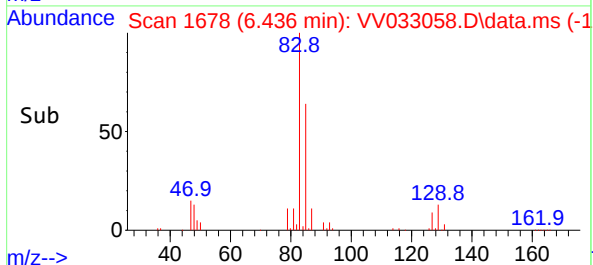
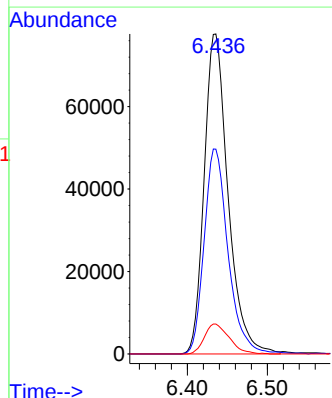
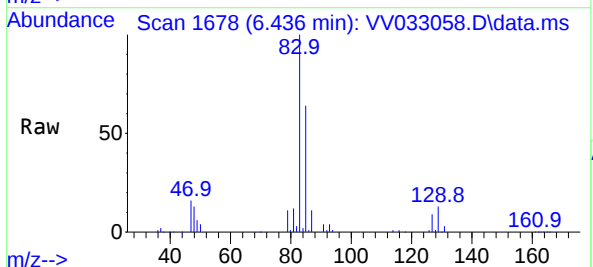
Instrument :
MSVOA_V
ClientSampleId :

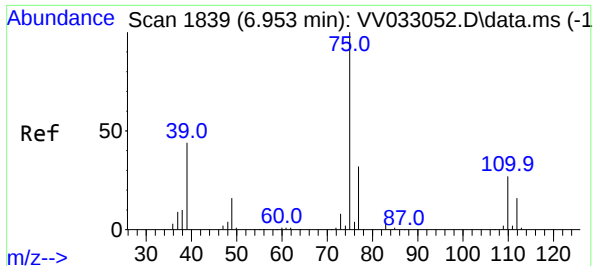
Tgt Ion: 63 Resp: 101826
Ion Ratio Lower Upper
63 100
112 5.8 4.6 7.0



#38
Bromodichloromethane
Concen: 45.551 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion: 83 Resp: 161201
Ion Ratio Lower Upper
83 100
85 64.0 44.7 83.1
127 9.3 7.3 10.9

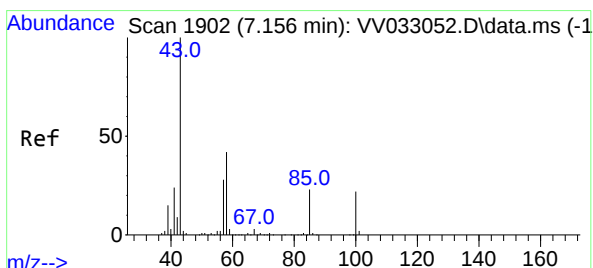
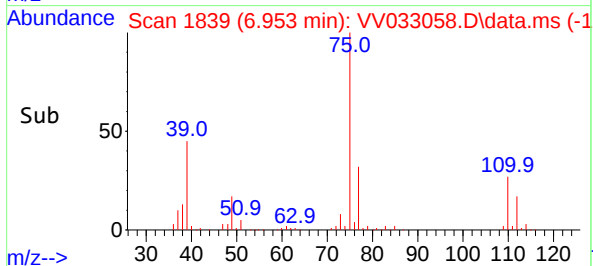
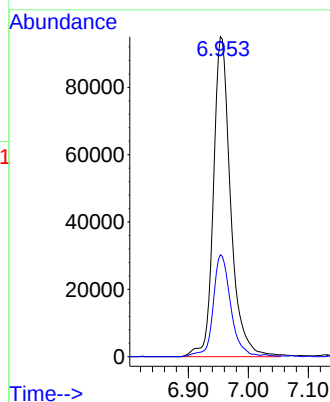
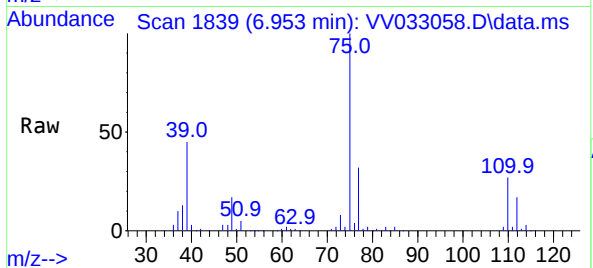




#39
cis-1,3-Dichloropropene
Concen: 48.353 ug/L
RT: 6.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

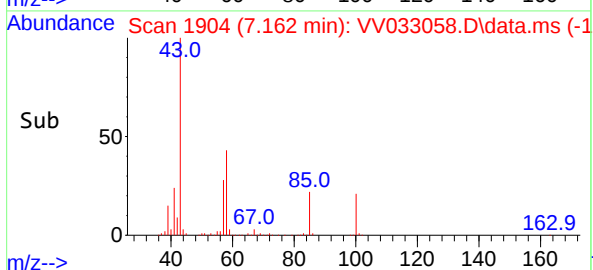
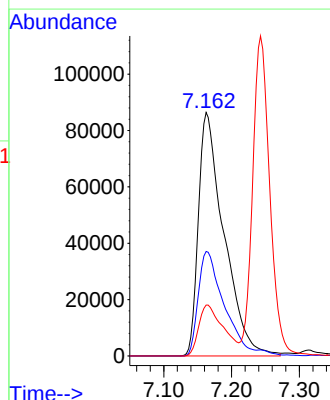
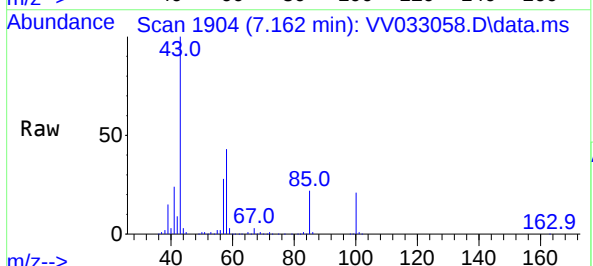
Instrument :
MSVOA_V
ClientSampleId :

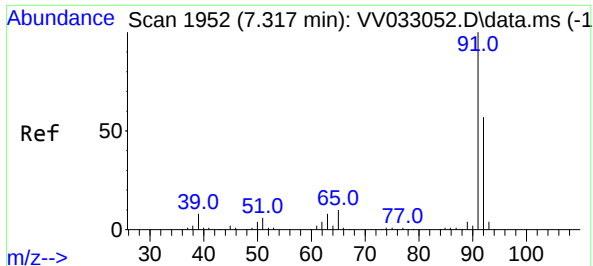
Tgt Ion: 75 Resp: 189602
Ion Ratio Lower Upper
75 100
77 31.8 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 90.744 ug/L
RT: 7.162 min Scan# 1904
Delta R.T. 0.010 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion: 43 Resp: 226079
Ion Ratio Lower Upper
43 100
58 42.9 33.2 49.8
100 20.3 14.9 22.3





#42

Toluene

Concen: 46.464 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV033058.D

Acq: 22 Nov 2023 14:34

Instrument :

MSVOA_V

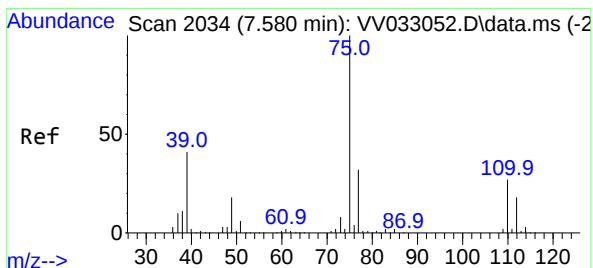
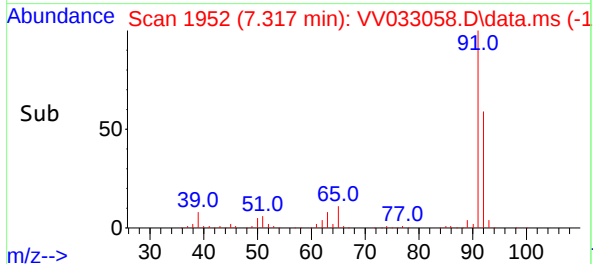
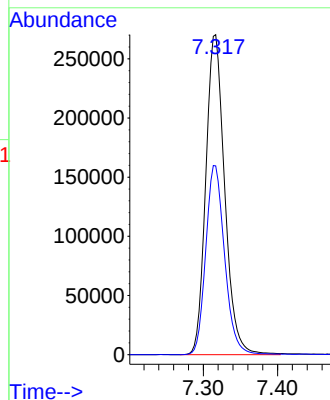
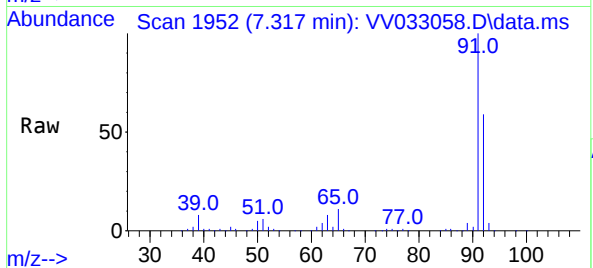
ClientSampleId :

Tgt Ion: 91 Resp: 477744

Ion Ratio Lower Upper

91 100

92 59.0 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 47.946 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.006 min

Lab File: VV033058.D

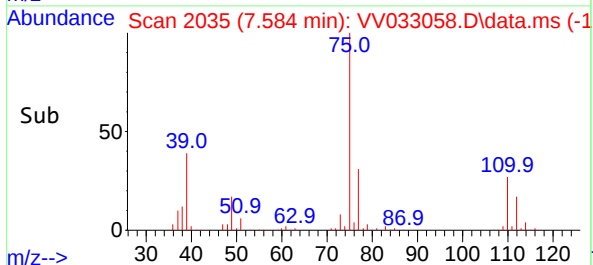
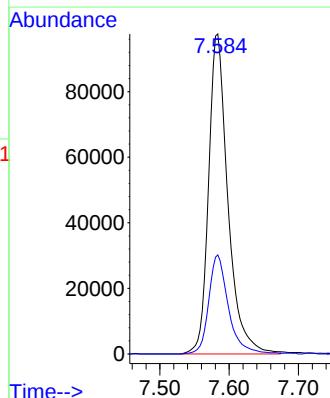
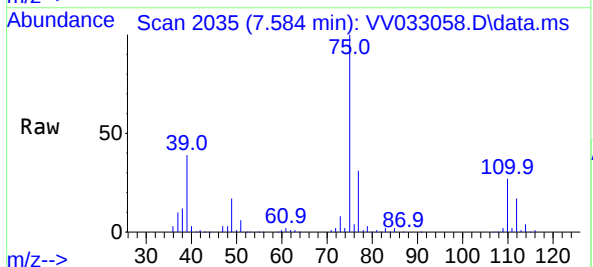
Acq: 22 Nov 2023 14:34

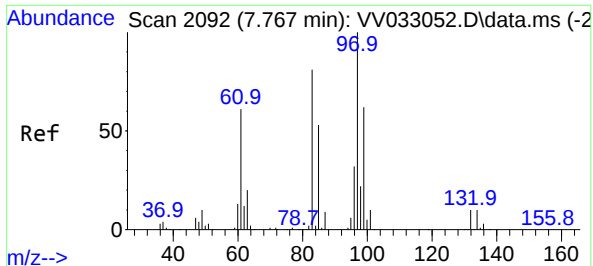
Tgt Ion: 75 Resp: 188917

Ion Ratio Lower Upper

75 100

77 30.9 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 45.857 ug/L

RT: 7.770 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VV033058.D

Acq: 22 Nov 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 117626

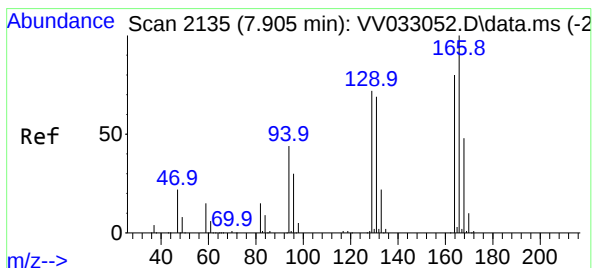
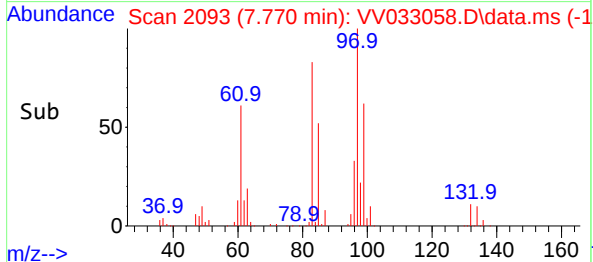
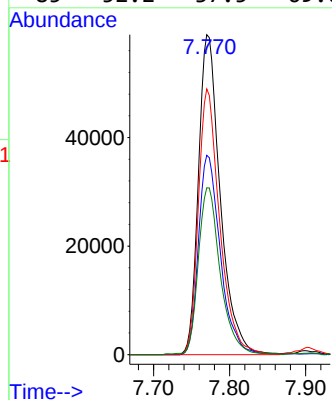
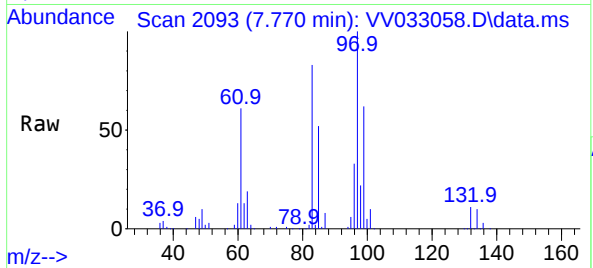
Ion Ratio Lower Upper

97 100

99 62.3 43.5 80.9

83 83.1 55.6 103.2

85 52.2 37.5 69.6



#46

Tetrachloroethene

Concen: 46.125 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV033058.D

Acq: 22 Nov 2023 14:34

Tgt Ion:164 Resp: 105135

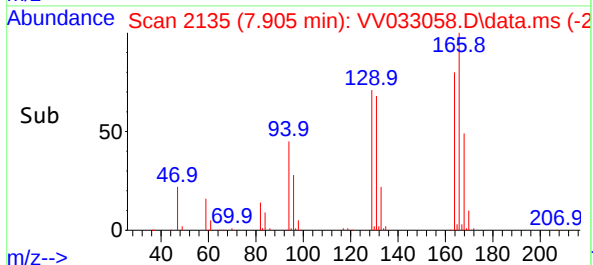
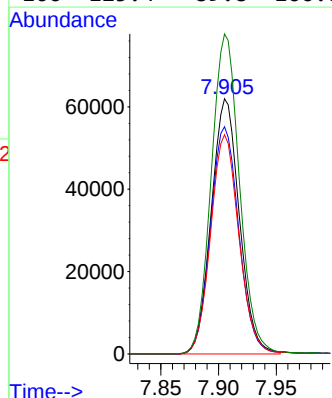
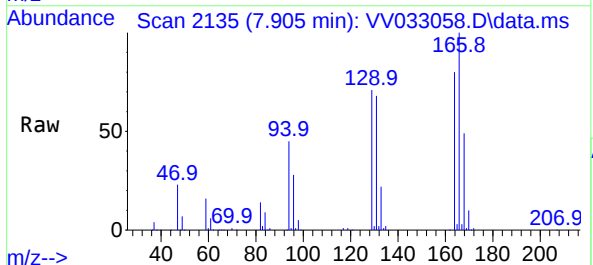
Ion Ratio Lower Upper

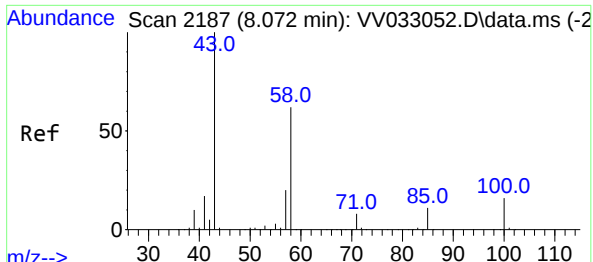
164 100

129 89.0 65.7 122.1

131 85.9 62.5 116.1

166 125.4 89.8 166.8



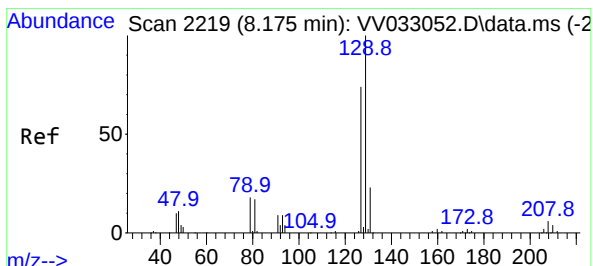
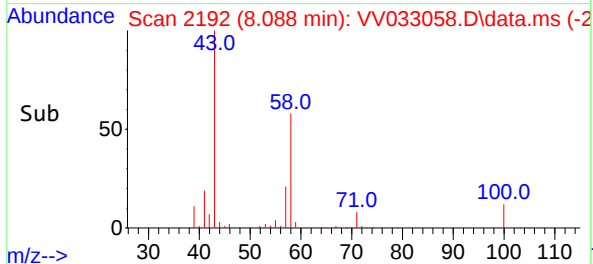
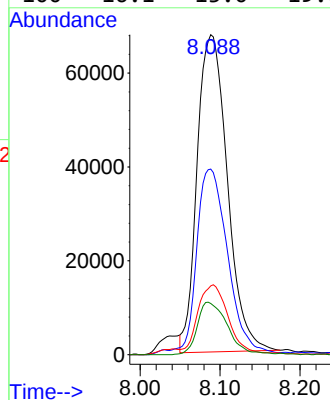
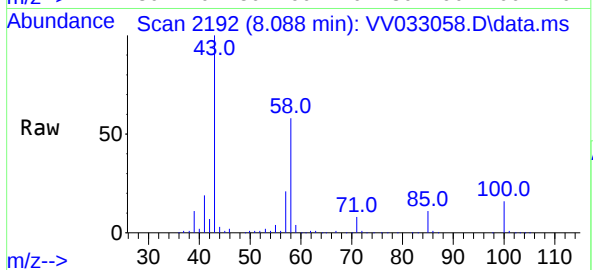


#48
2-Hexanone
Concen: 90.339 ug/L
RT: 8.088 min Scan# 2187
Delta R.T. 0.016 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 178059

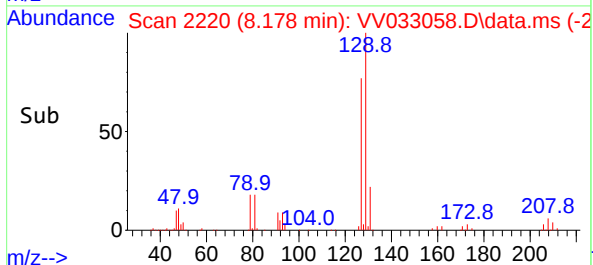
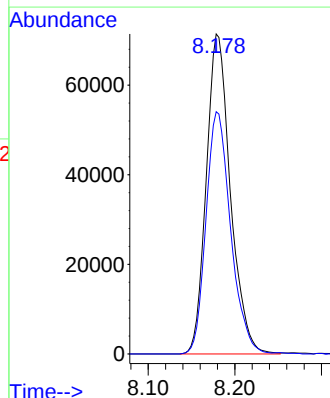
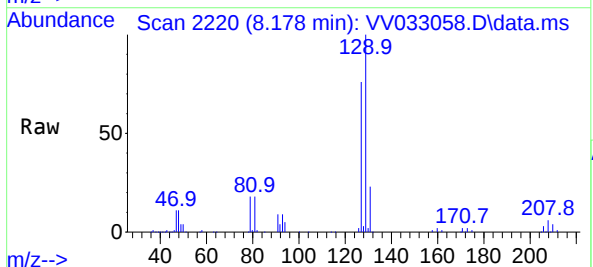
Ion	Ratio	Lower	Upper
43	100		
58	60.0	47.0	70.6
57	20.6	17.0	25.6
100	16.1	13.0	19.6

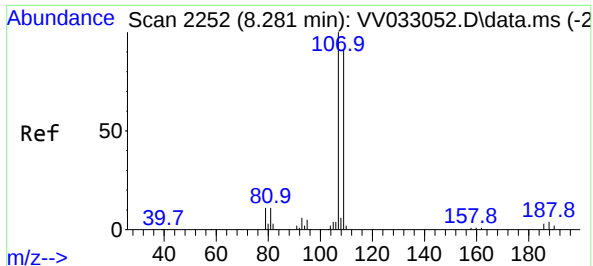


#49
Dibromochloromethane
Concen: 46.806 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion: 129 Resp: 138375

Ion	Ratio	Lower	Upper
129	100		
127	75.7	54.4	101.0

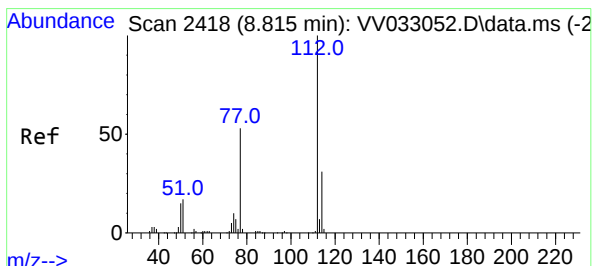
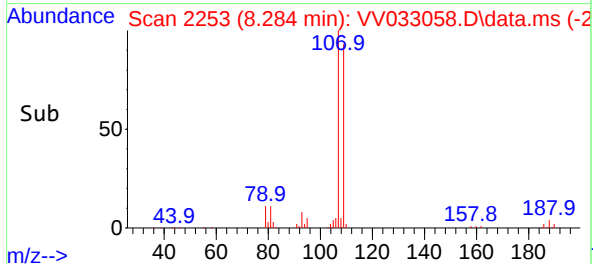
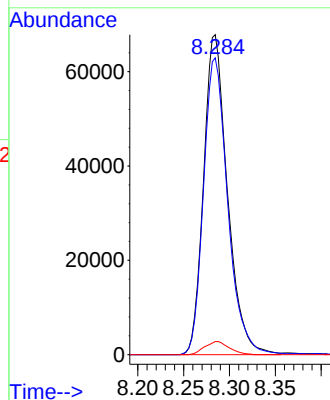
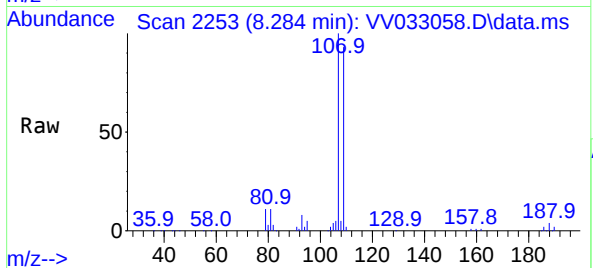




#50
1,2-Dibromoethane
Concen: 45.731 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

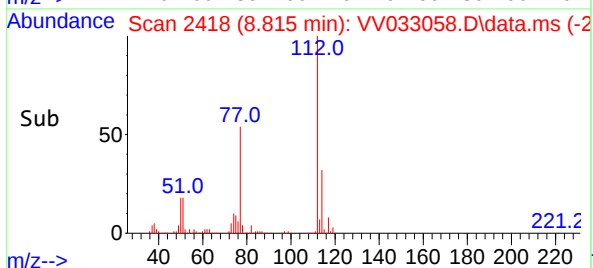
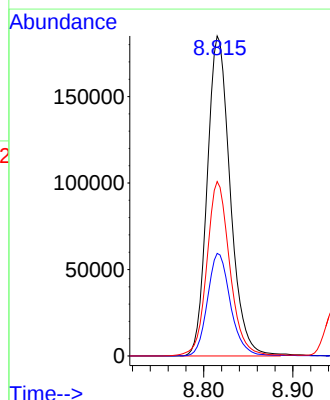
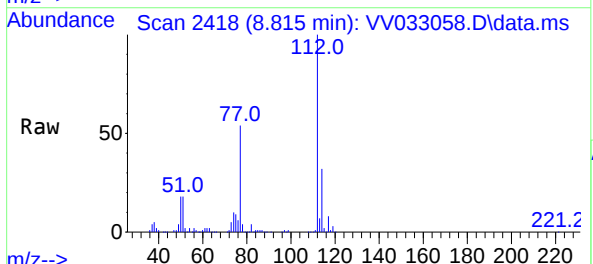
Instrument :
MSVOA_V
ClientSampleId :

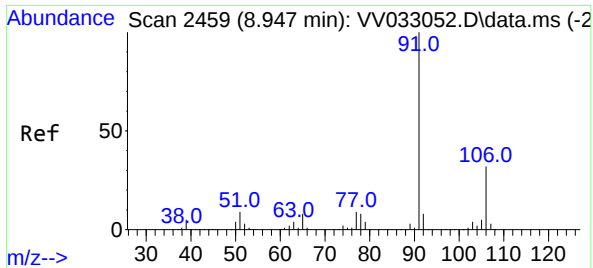
Tgt Ion:107 Resp: 122854
Ion Ratio Lower Upper
107 100
109 92.8 67.3 125.1
188 4.1 3.3 4.9



#51
Chlorobenzene
Concen: 45.430 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion:112 Resp: 331473
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 54.5 43.0 64.6

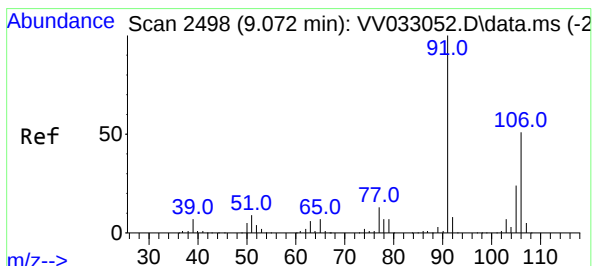
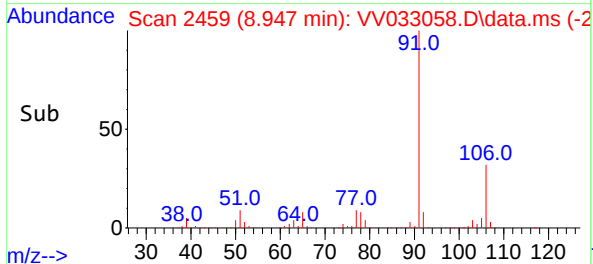
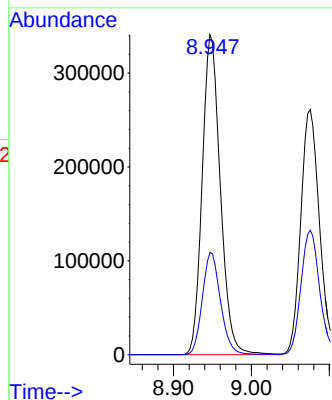
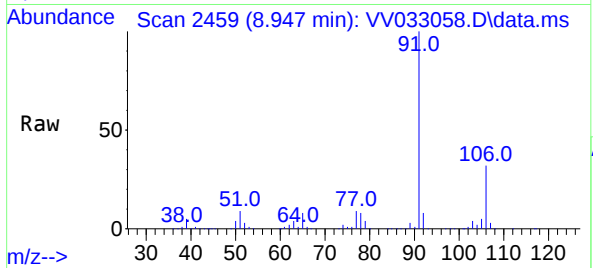




#52
Ethylbenzene
Concen: 46.696 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

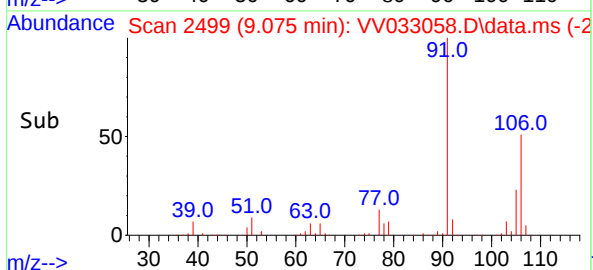
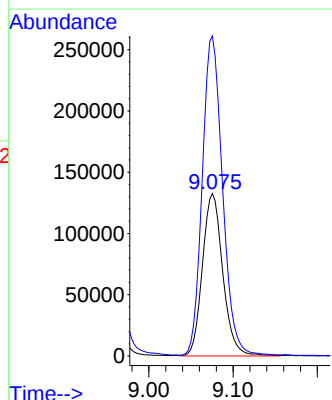
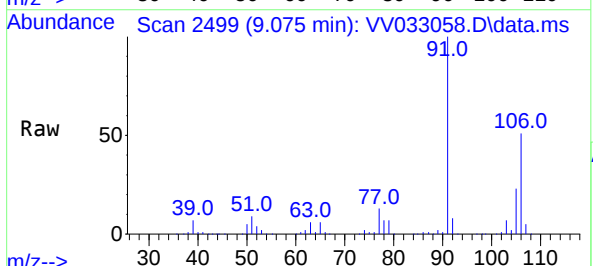
Instrument :
MSVOA_V
ClientSampleId :

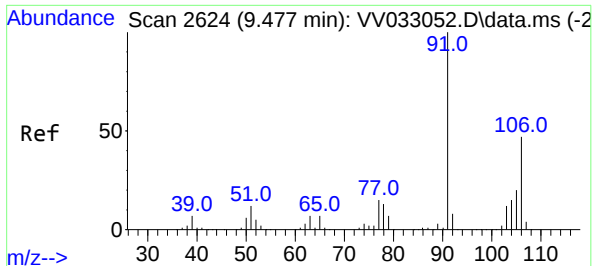
Tgt Ion: 91 Resp: 551176
Ion Ratio Lower Upper
91 100
106 32.0 22.1 41.1



#53
m,p-Xylene
Concen: 48.131 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion: 106 Resp: 223208
Ion Ratio Lower Upper
106 100
91 197.0 138.6 257.4

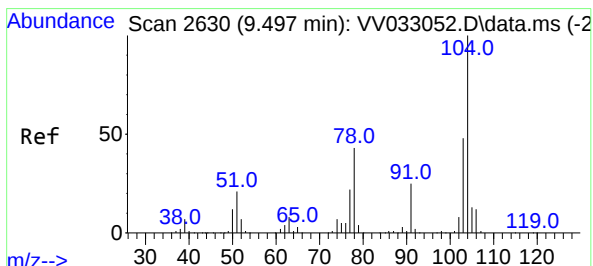
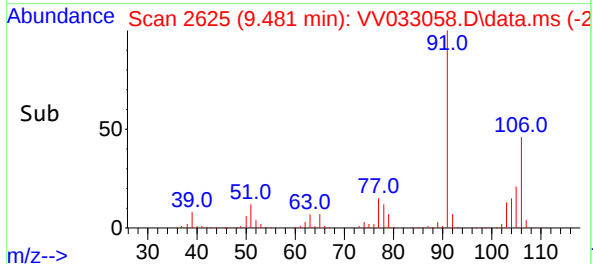
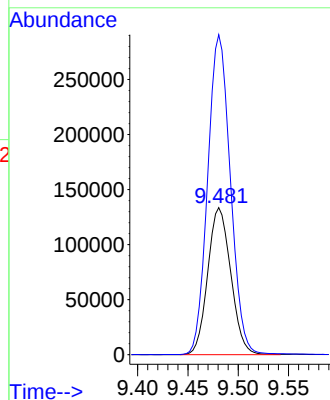
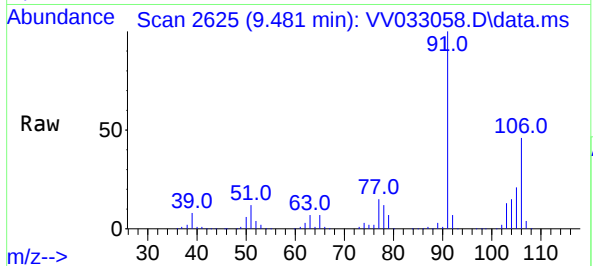




#54
o-Xylene
Concen: 47.702 ug/L
RT: 9.481 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

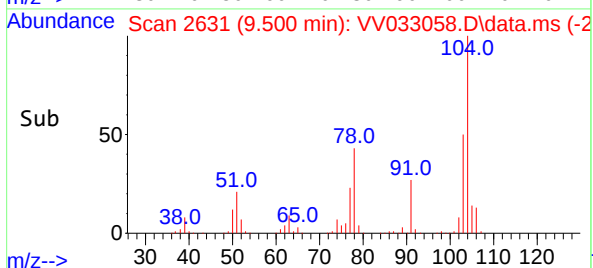
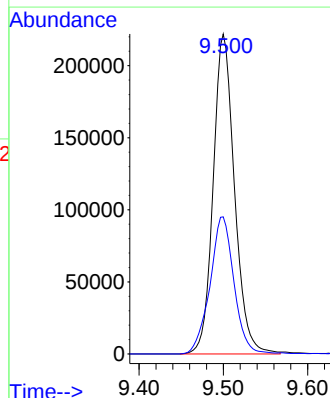
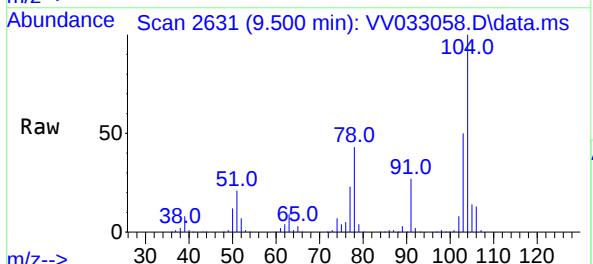
Instrument :
MSVOA_V
ClientSampleId :

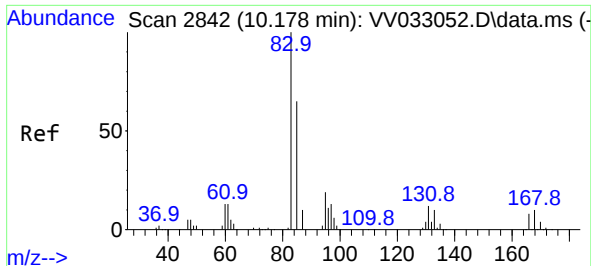
Tgt Ion:106 Resp: 212944
Ion Ratio Lower Upper
106 100
91 217.7 147.3 273.5



#55
Styrene
Concen: 48.970 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.006 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion:104 Resp: 389960
Ion Ratio Lower Upper
104 100
78 42.8 30.2 56.2

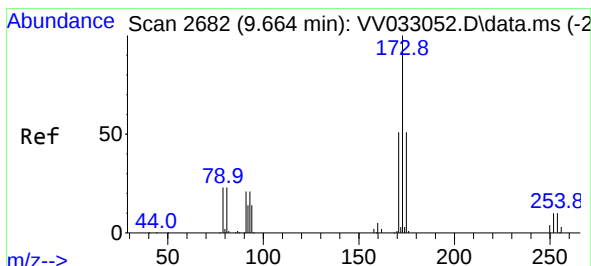
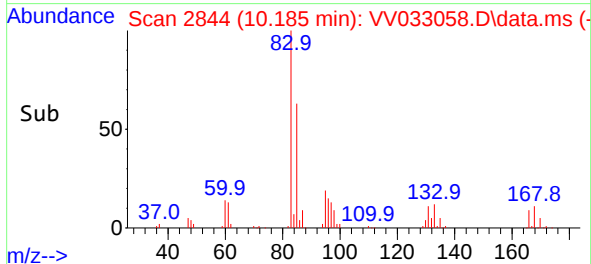
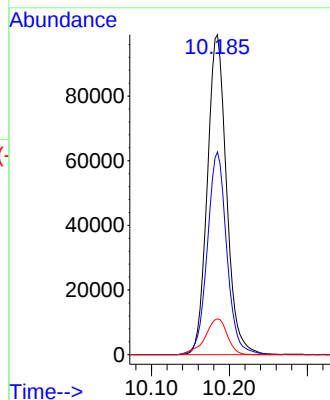
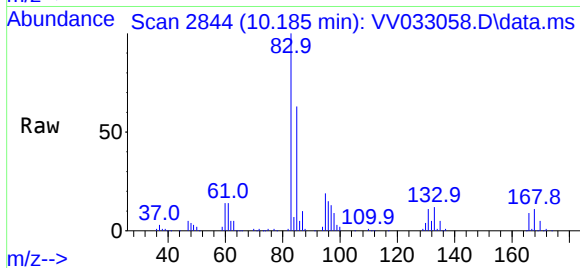




#57
1,1,2,2-Tetrachloroethane
Concen: 46.795 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.006 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

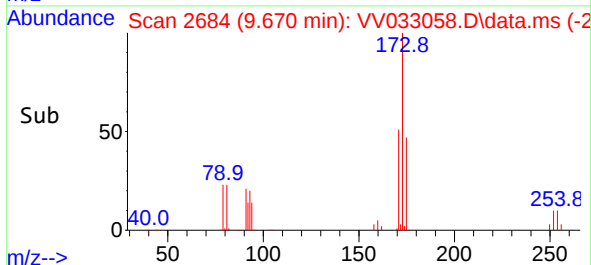
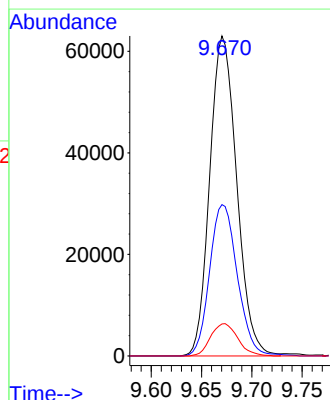
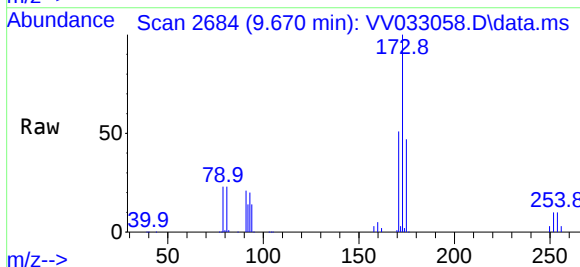
Instrument :
MSVOA_V
ClientSampleId :

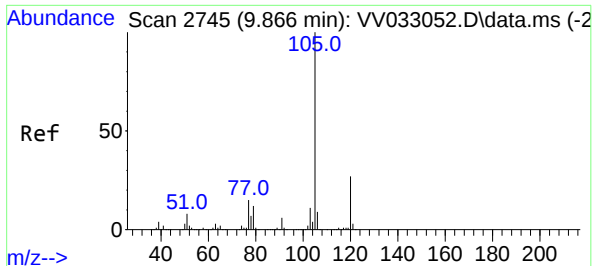
Tgt Ion: 83 Resp: 169565
Ion Ratio Lower Upper
83 100
85 63.3 45.8 85.2
131 11.2 9.4 14.0



#59
Bromoform
Concen: 48.266 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.006 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion: 173 Resp: 117675
Ion Ratio Lower Upper
173 100
175 48.6 38.7 58.1
254 10.2 7.9 11.9

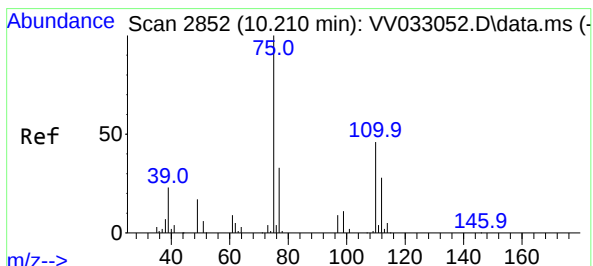
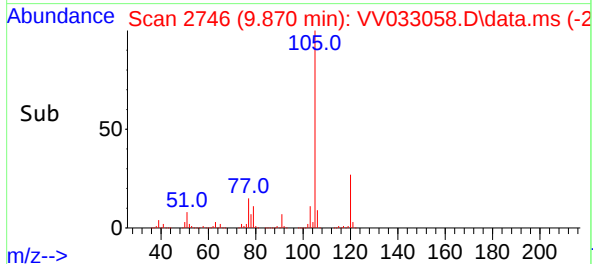
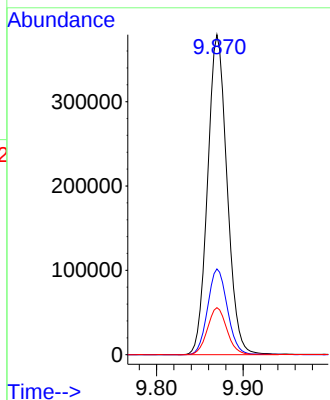
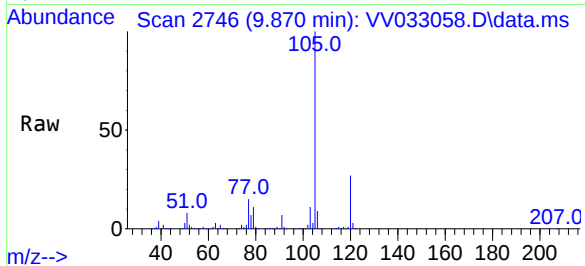




#60
Isopropylbenzene
Concen: 46.661 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

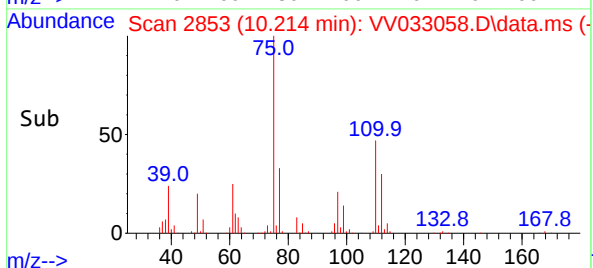
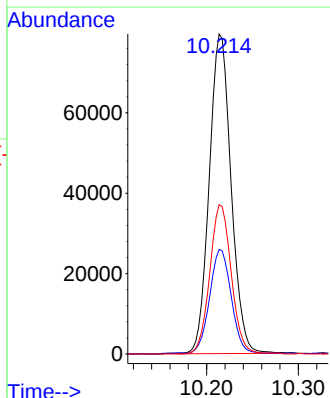
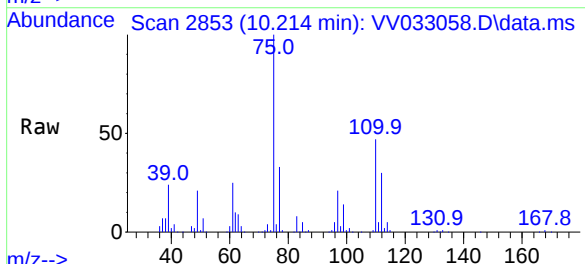
Instrument :
MSVOA_V
ClientSampleId :

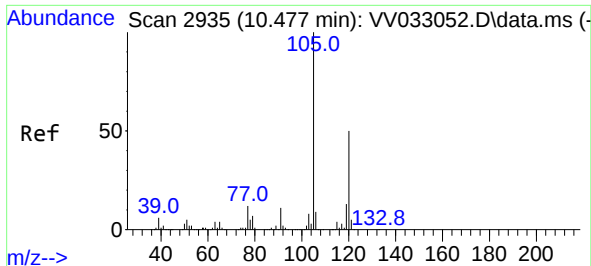
Tgt Ion:105 Resp: 591774
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 14.7 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 43.612 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.006 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion: 75 Resp: 131618
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 46.1 36.2 54.4

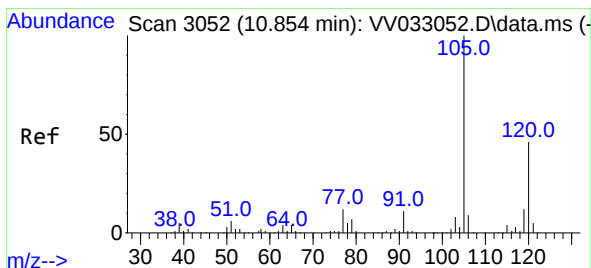
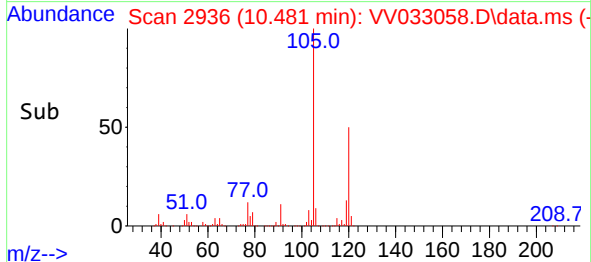
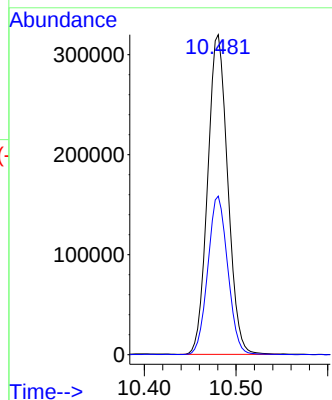
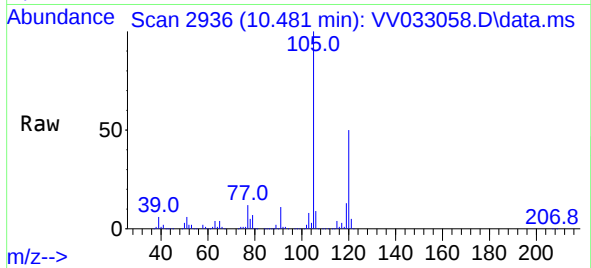




#62
1,3,5-Trimethylbenzene
Concen: 47.776 ug/L
RT: 10.481 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

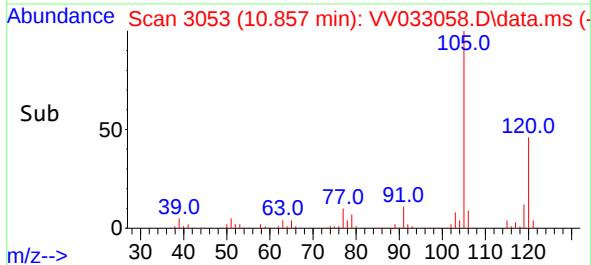
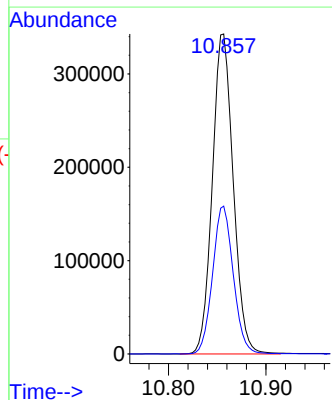
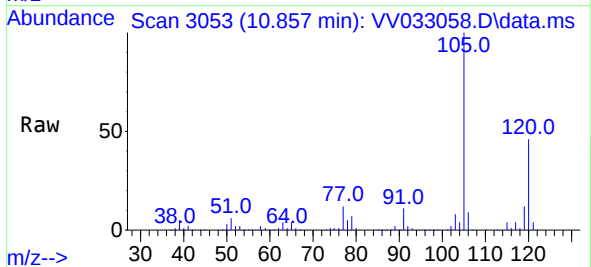
Instrument :
MSVOA_V
ClientSampleId :

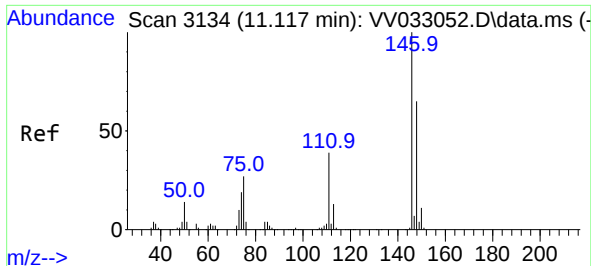
Tgt Ion:105 Resp: 486131
Ion Ratio Lower Upper
105 100
120 49.2 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 47.894 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

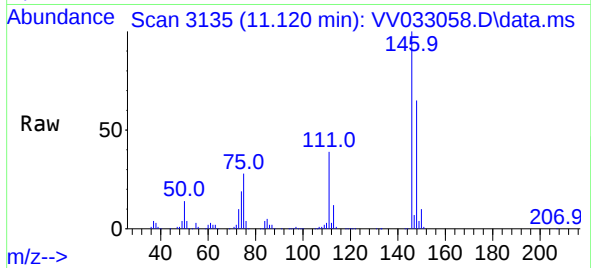
Tgt Ion:105 Resp: 510530
Ion Ratio Lower Upper
105 100
120 45.7 36.7 55.1



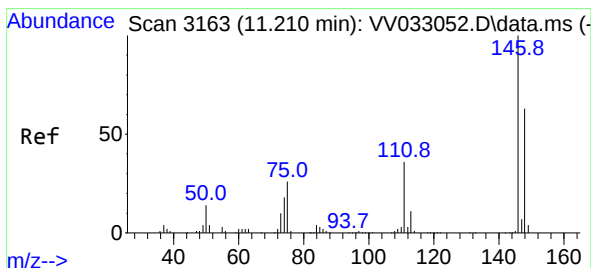
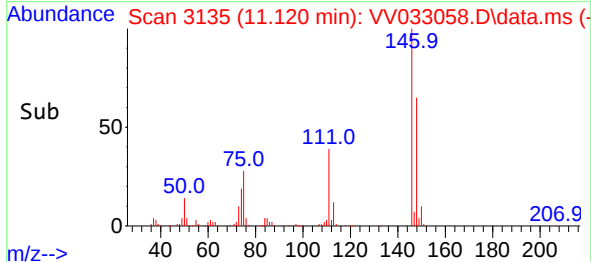
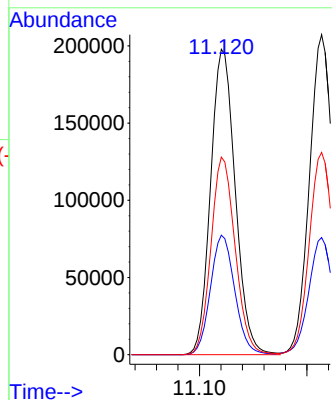


#64
1,3-Dichlorobenzene
Concen: 46.431 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Instrument :
MSVOA_V
ClientSampleId :

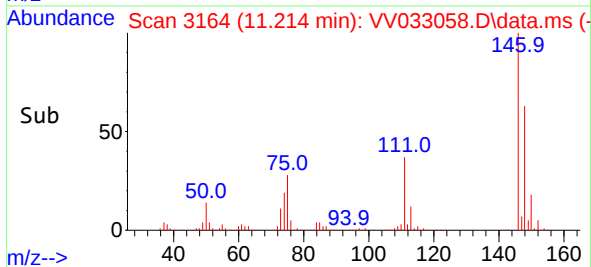
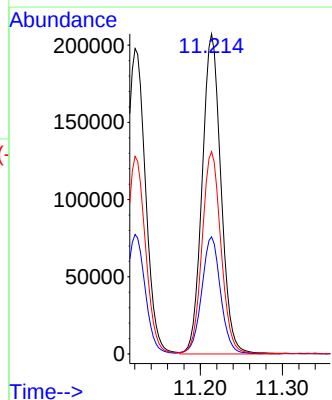
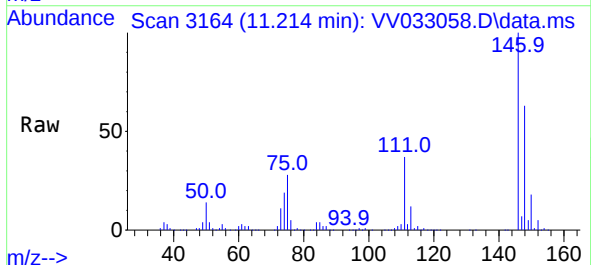


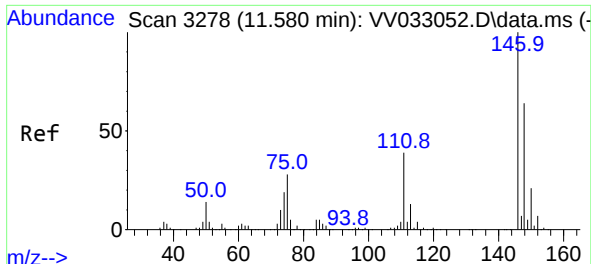
Tgt Ion:146 Resp: 315480
Ion Ratio Lower Upper
146 100
111 39.1 26.5 49.1
148 64.7 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 45.806 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion:146 Resp: 330829
Ion Ratio Lower Upper
146 100
111 36.6 25.1 46.7
148 63.2 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 45.618 ug/L

RT: 11.583 min Scan# 311

Delta R.T. 0.003 min

Lab File: VV033058.D

Acq: 22 Nov 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

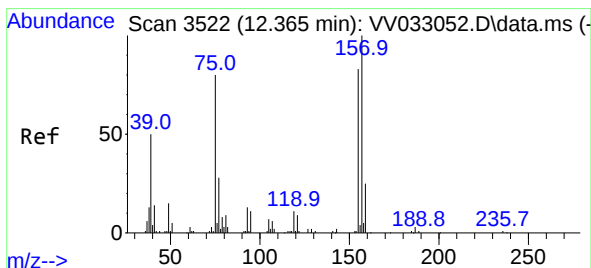
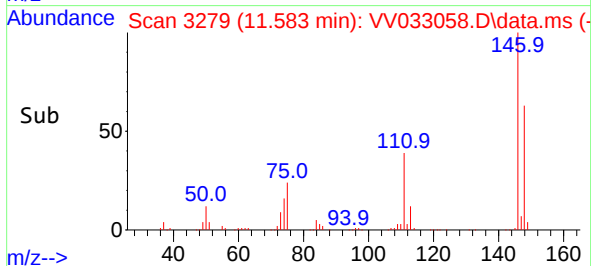
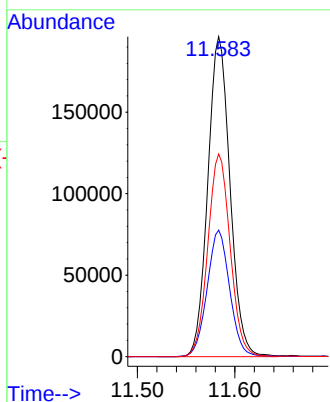
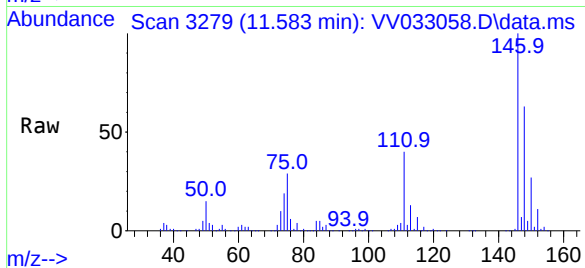
Tgt Ion:146 Resp: 311022

Ion Ratio Lower Upper

146 100

111 39.6 31.8 47.6

148 63.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 44.683 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.003 min

Lab File: VV033058.D

Acq: 22 Nov 2023 14:34

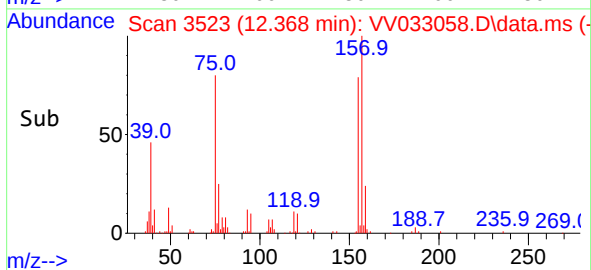
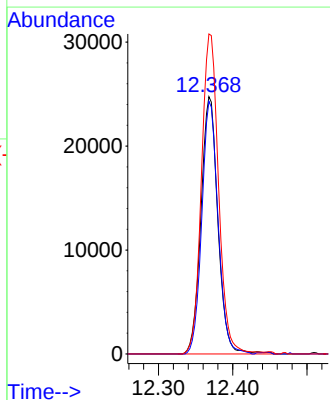
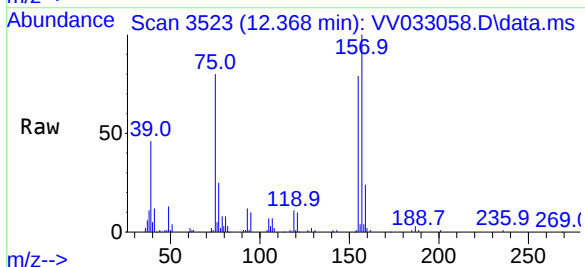
Tgt Ion: 75 Resp: 39230

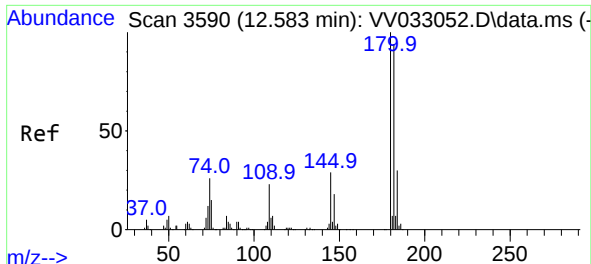
Ion Ratio Lower Upper

75 100

155 98.2 79.8 119.8

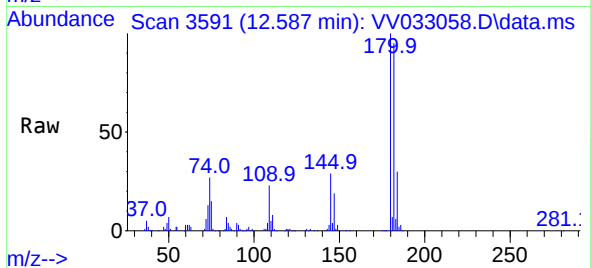
157 124.4 102.5 153.7



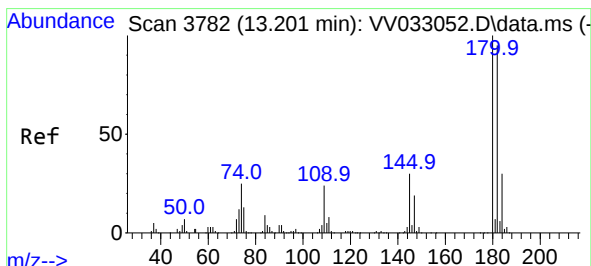
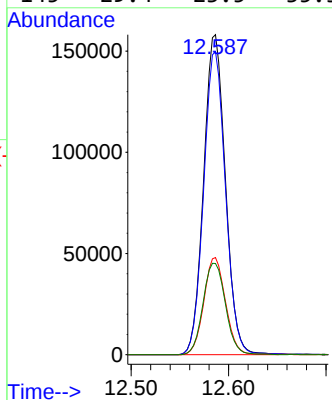
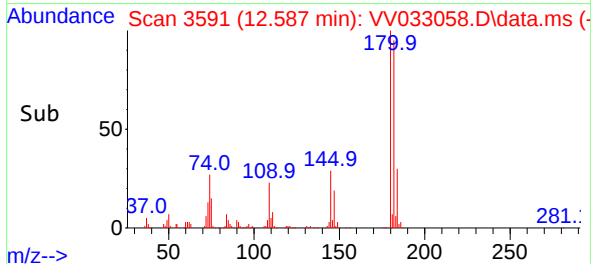


#69
1,3,5-Trichlorobenzene
Concen: 46.402 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

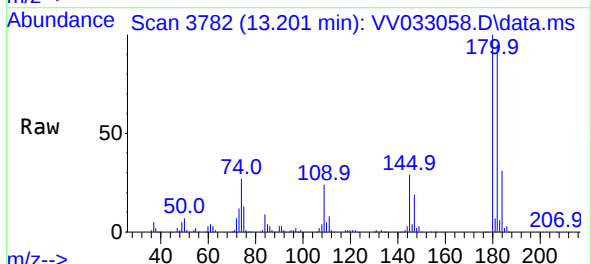
Instrument :
MSVOA_V
ClientSampleId :



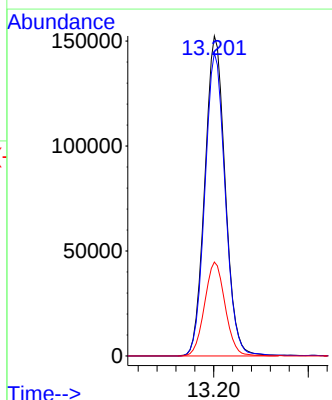
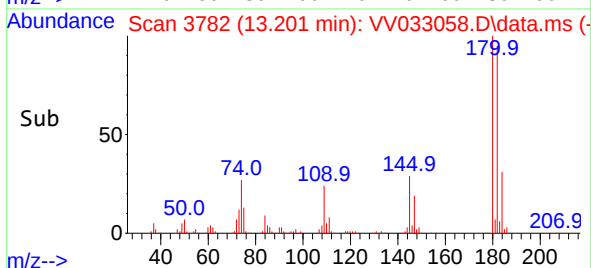
Tgt Ion:180 Resp: 245120
Ion Ratio Lower Upper
180 100
182 94.9 76.6 115.0
184 30.2 24.5 36.7
145 29.4 23.5 35.3

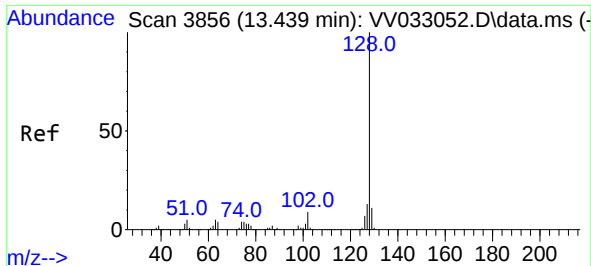


#70
1,2,4-trichlorobenzene
Concen: 47.073 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34



Tgt Ion:180 Resp: 227884
Ion Ratio Lower Upper
180 100
182 94.4 76.8 115.2
145 29.7 23.2 34.8

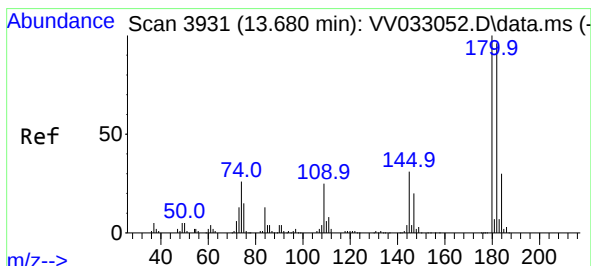
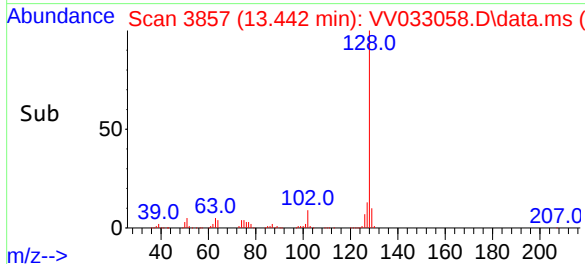
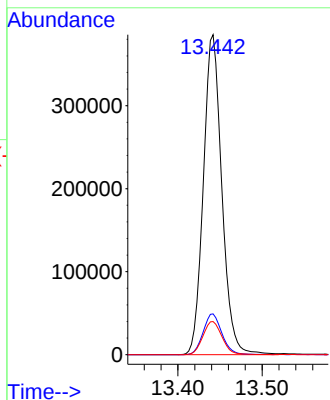
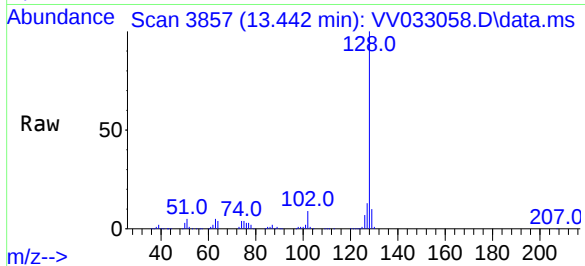




#71
Naphthalene
Concen: 49.213 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 589264
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.669 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV033058.D
Acq: 22 Nov 2023 14:34

Tgt Ion:180 Resp: 223744
Ion Ratio Lower Upper
180 100
182 96.9 76.6 114.8
145 32.3 25.5 38.3

