

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112223\
 Data File : VW033061.D
 Acq On : 22 Nov 2023 15:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 05:52:46 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	5.535	114	294451	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	295461	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	177061	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	61292	39.812	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.620%
7) Chloroethane-d5	1.529	69	49303	41.640	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.280%
11) 1,1-Dichloroethene-d2	2.060	65	26403	41.913	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.820%
21) 2-Butanone-d5	3.783	46	100708	102.814	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.810%
24) Chloroform-d	4.249	84	184216	48.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
26) 1,2-Dichloroethane-d4	4.941	65	116133	49.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.140%
32) Benzene-d6	4.960	84	327621	47.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	5.989	67	93116	47.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	7.243	98	314637	47.903	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.551	79	54222	47.603	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.200%
47) 2-Hexanone-d5	8.024	63	86937	107.677	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.680%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	149119	50.209	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.420%
66) 1,2-Dichlorobenzene-d4	11.561	152	154754	49.013	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	134233	42.196	ug/L	99
3) Chloromethane	1.214	50	100187	42.201	ug/L	99
5) Vinyl chloride	1.282	62	91563	41.577	ug/L	99
6) Bromomethane	1.484	94	62663	43.061	ug/L	98
8) Chloroethane	1.548	64	51305	42.120	ug/L	99
9) Trichlorofluoromethane	1.712	101	157287	44.116	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	71101	40.444	ug/L	96
12) 1,1-Dichloroethene	2.069	96	70979	43.728	ug/L	95
13) Acetone	2.111	43	65257	68.090	ug/L	99
14) Carbon disulfide	2.240	76	231195	42.825	ug/L	99
15) Methyl Acetate	2.372	43	80597	47.969	ug/L	99
16) Methylene chloride	2.446	84	101891	44.306	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	94687	45.581	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	333450	51.171	ug/L	99
19) 1,1-Dichloroethane	3.111	63	171630	46.252	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	110421	47.408	ug/L	98
22) 2-Butanone	3.863	43	110093	88.718	ug/L	96
23) Bromochloromethane	4.146	128	61951	48.358	ug/L	97
25) Chloroform	4.275	83	197487	47.284	ug/L	100

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 Quant Title : VOC Analysis
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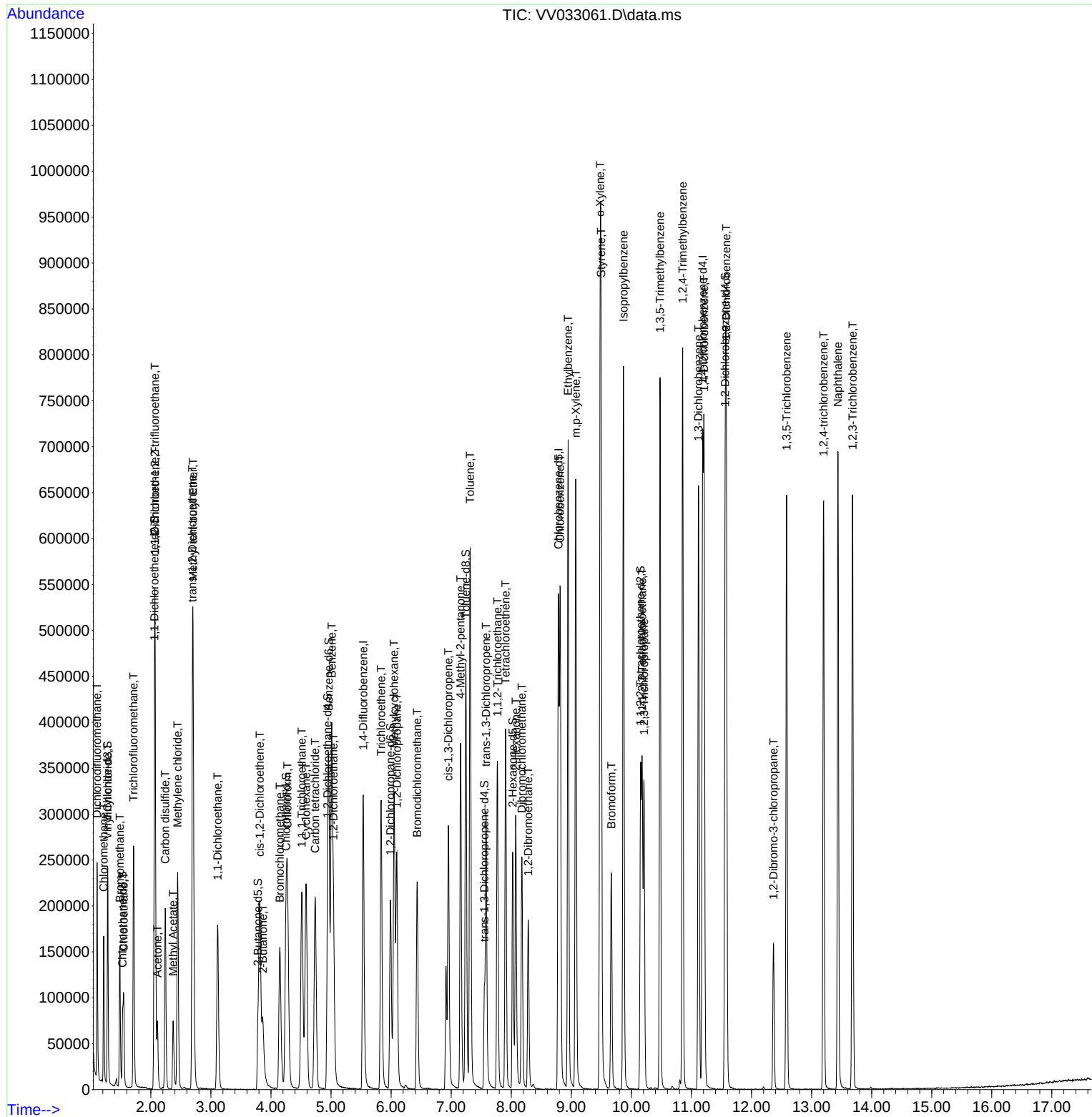
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	157895	48.460	ug/L	97
29) Cyclohexane	4.584	56	119911	42.064	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	185025	47.945	ug/L	98
31) Carbon tetrachloride	4.735	117	164806	45.827	ug/L	99
33) Benzene	5.011	78	395038	48.068	ug/L	100
34) Trichloroethene	5.834	95	109106	47.100	ug/L	99
35) Methylcyclohexane	6.050	83	143679	42.674	ug/L	98
37) 1,2-Dichloropropane	6.095	63	93363	46.284	ug/L	99
38) Bromodichloromethane	6.433	83	151465	48.326	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	164526	47.376	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	226275	102.551	ug/L	98
42) Toluene	7.317	91	437397	48.033	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	169588	48.598	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	109094	48.022	ug/L	99
46) Tetrachloroethene	7.905	164	90690	44.926	ug/L	98
48) 2-Hexanone	8.076	43	168349	96.442	ug/L	99
49) Dibromochloromethane	8.175	129	129725	49.546	ug/L	99
50) 1,2-Dibromoethane	8.285	107	118498	49.805	ug/L	100
51) Chlorobenzene	8.815	112	296775	45.927	ug/L	100
52) Ethylbenzene	8.947	91	484135	46.313	ug/L	100
53) m,p-Xylene	9.075	106	191170	46.545	ug/L	96
54) o-Xylene	9.481	106	188748	47.742	ug/L	99
55) Styrene	9.497	104	343902	48.763	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	156664	48.817	ug/L	98
59) Bromoform	9.667	173	106748	51.732	ug/L	99
60) Isopropylbenzene	9.870	105	508791	47.401	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	124044	48.563	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	404006	46.912	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	431678	47.848	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	267795	46.567	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	275545	45.077	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	270987	46.961	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	37281	50.172	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	204849	45.818	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	193429	47.208	ug/L	99
71) Naphthalene	13.439	128	554275	54.693	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	202142	50.885	ug/L	100

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

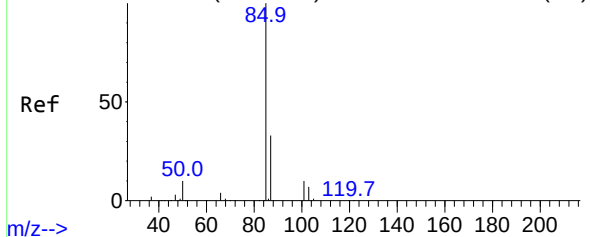
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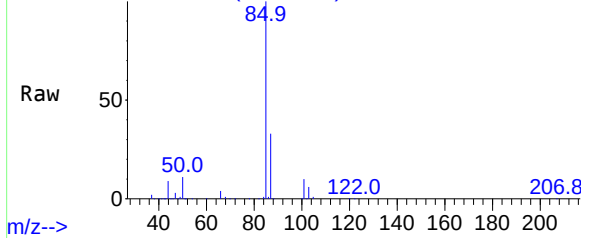
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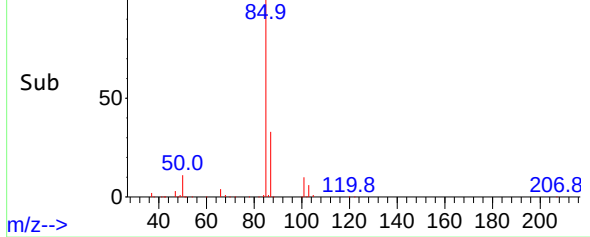
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Abundance Scan 20 (1.105 min): VV033061.D\data.ms



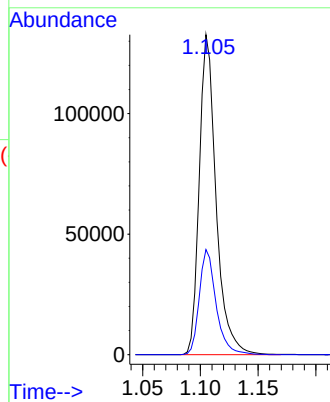
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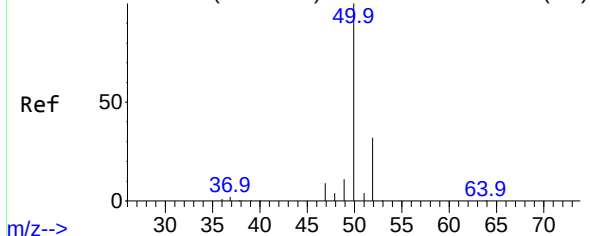
#2
Dichlorodifluoromethane
Concen: 42.196 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Instrument :
MSVOA_V
ClientSampleId :

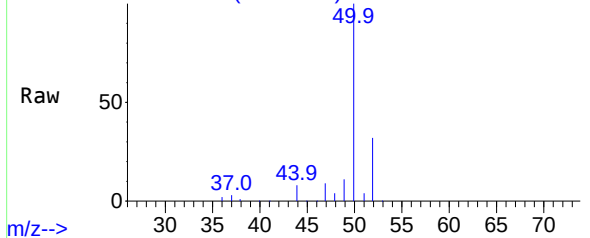
Tgt Ion: 85 Resp: 134233
Ion Ratio Lower Upper
85 100
87 32.9 26.8 40.2



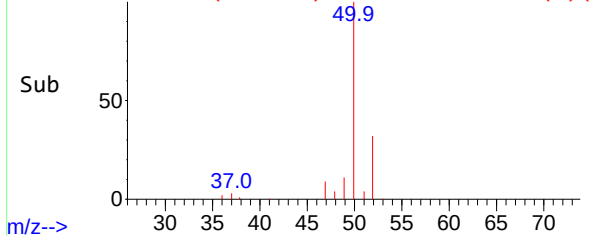
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Abundance Scan 54 (1.214 min): VV033061.D\data.ms

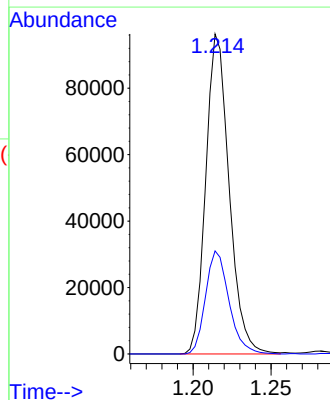


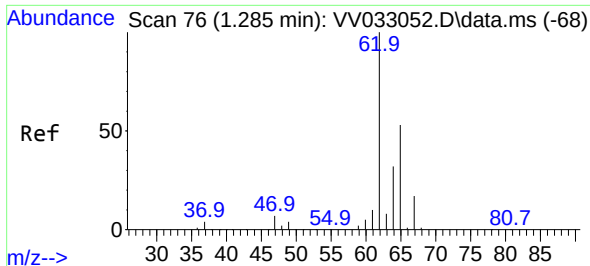
Abundance Scan 54 (1.214 min): VV033061.D\data.ms (-1) (



#3
Chloromethane
Concen: 42.201 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion: 50 Resp: 100187
Ion Ratio Lower Upper
50 100
52 32.2 22.7 42.3

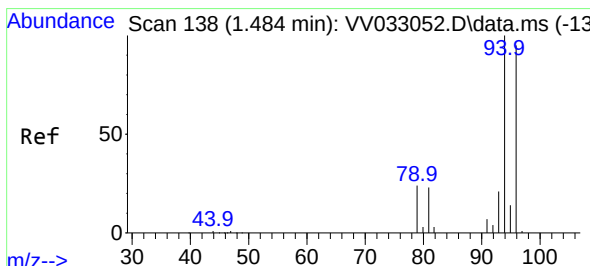
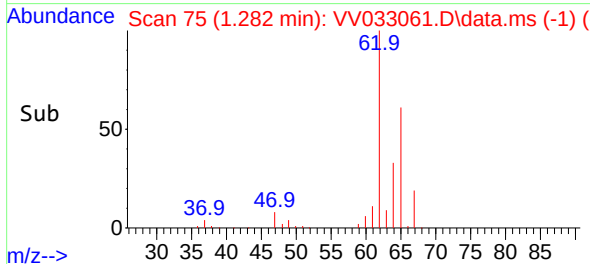
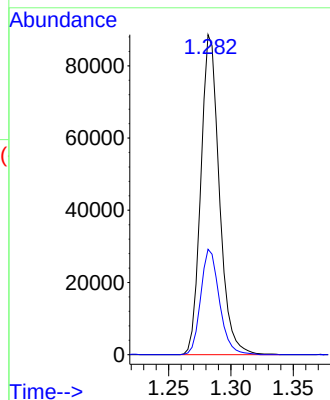
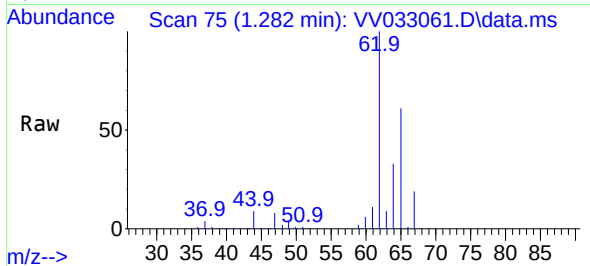




#5
 Vinyl chloride
 Concen: 41.577 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV033061.D
 Acq: 22 Nov 2023 15:52

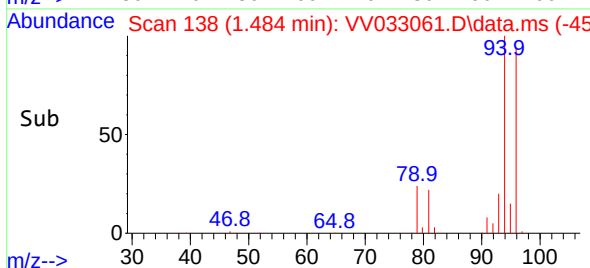
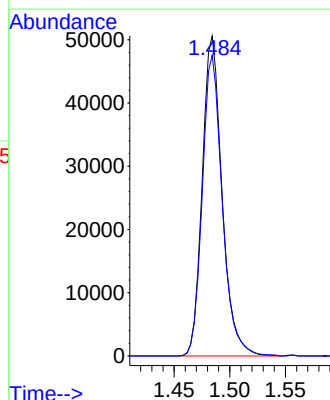
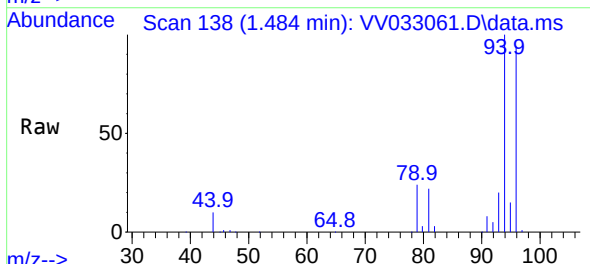
Instrument :
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 ClientSampleId :

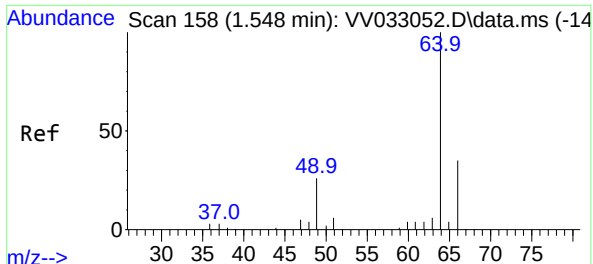
Tgt Ion: 62 Resp: 91563
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.7 42.1



#6
 Bromomethane
 Concen: 43.061 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV033061.D
 Acq: 22 Nov 2023 15:52

Tgt Ion: 94 Resp: 62663
 Ion Ratio Lower Upper
 94 100
 96 94.0 64.4 119.6

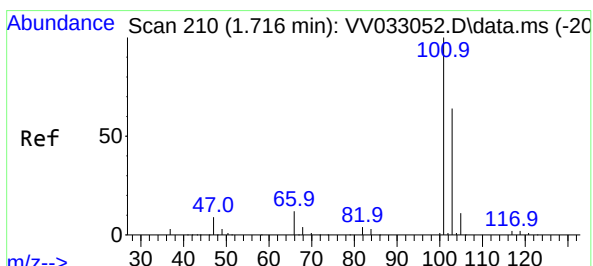
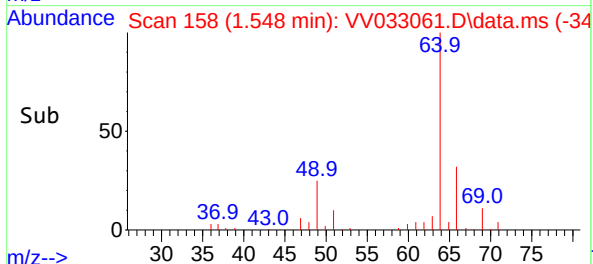
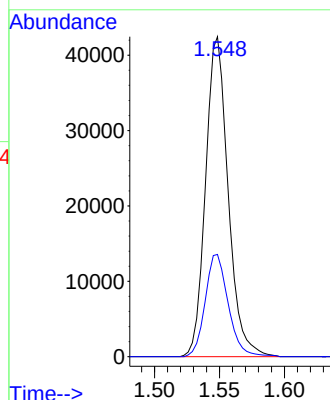
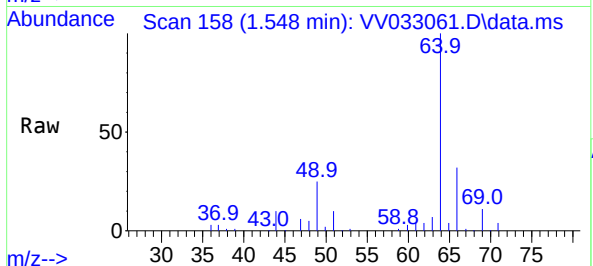




#8
Chloroethane
Concen: 42.120 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

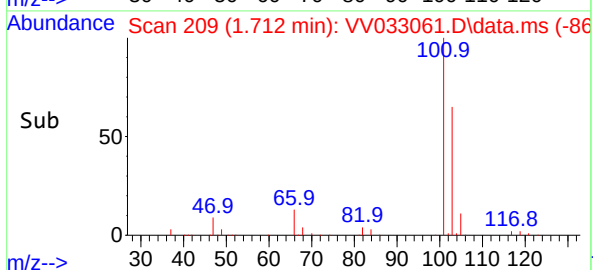
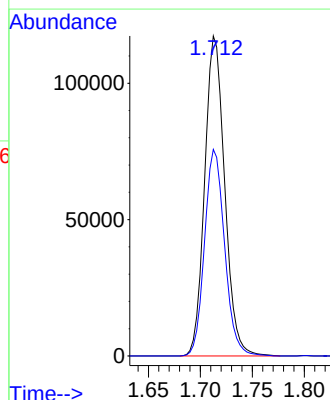
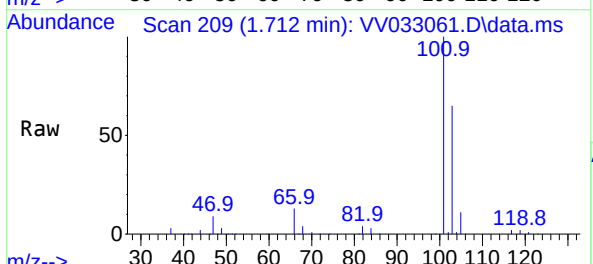
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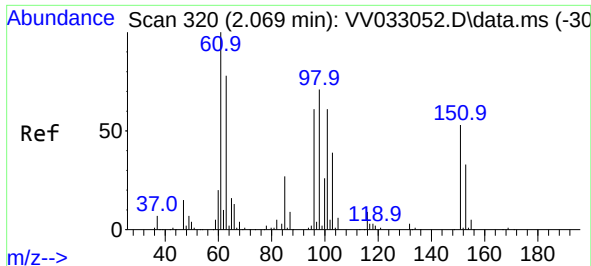
Tgt Ion: 64 Resp: 51305
Ion Ratio Lower Upper
64 100
66 32.0 22.8 42.4



#9
Trichlorofluoromethane
Concen: 44.116 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion:101 Resp: 157287
Ion Ratio Lower Upper
101 100
103 64.6 52.1 78.1

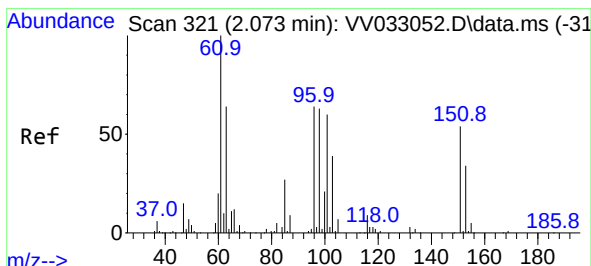
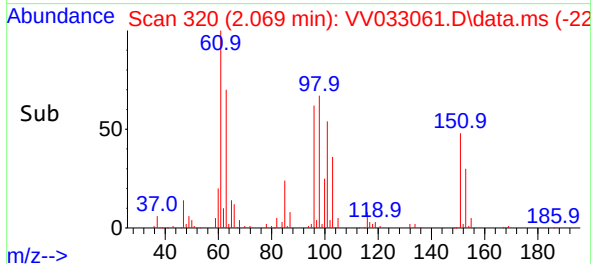
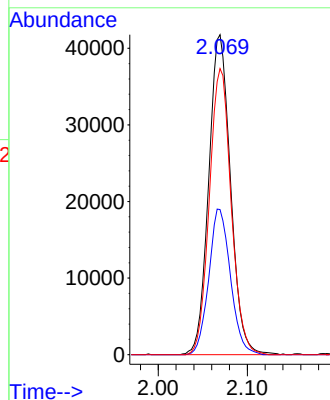
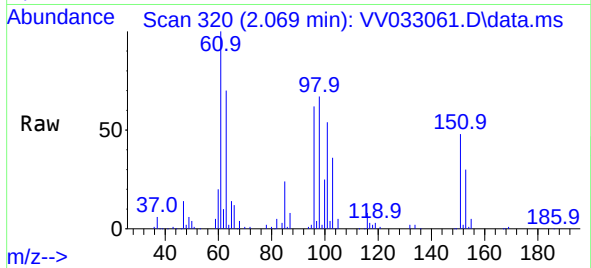




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 40.444 ug/L
RT: 2.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

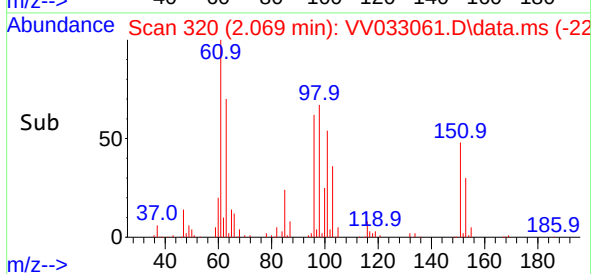
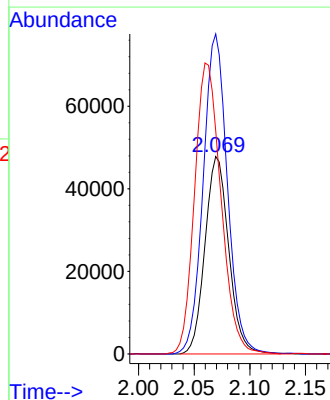
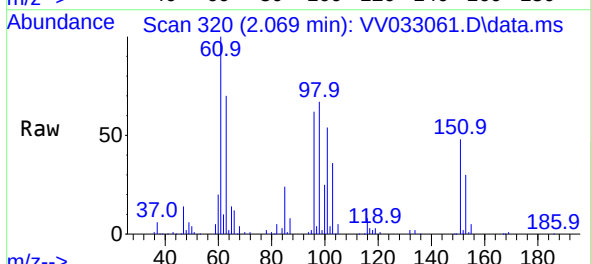
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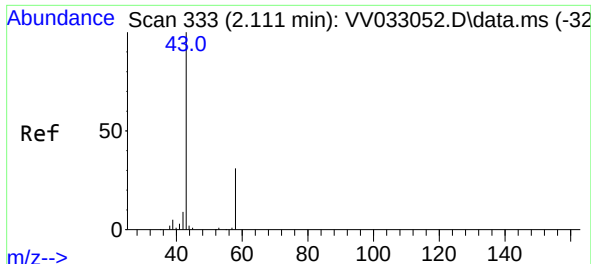
Tgt Ion:101 Resp: 71101
Ion Ratio Lower Upper
101 100
85 45.2 35.5 53.3
151 89.2 67.0 100.4



#12
1,1-Dichloroethene
Concen: 43.728 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion: 96 Resp: 70979
Ion Ratio Lower Upper
96 100
61 162.0 116.6 216.6
63 113.0 84.8 157.4





#13

Acetone

Concen: 68.090 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

Instrument :

MSVOA_V

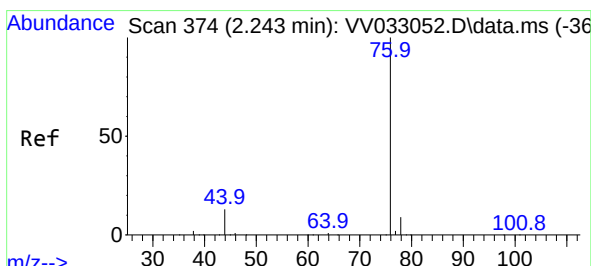
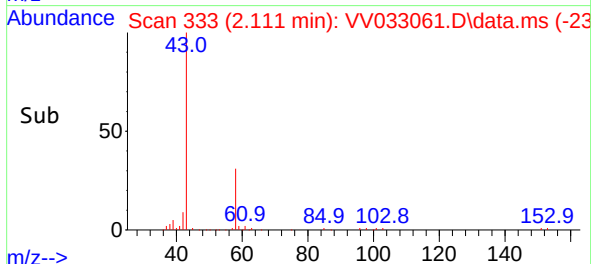
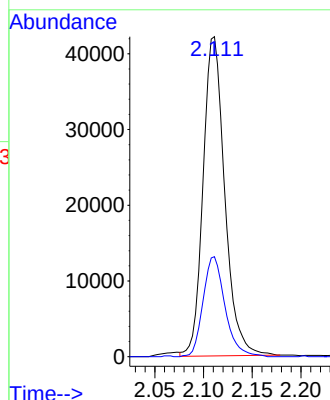
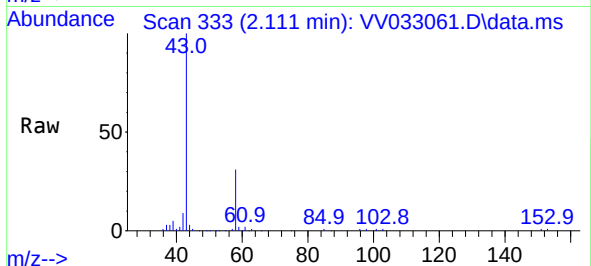
ClientSampleId :

Tgt Ion: 43 Resp: 65257

Ion Ratio Lower Upper

43 100

58 31.8 0.0 62.6



#14

Carbon disulfide

Concen: 42.825 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033061.D

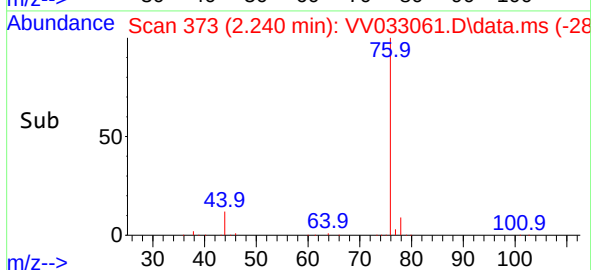
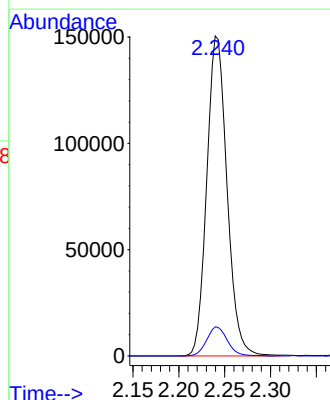
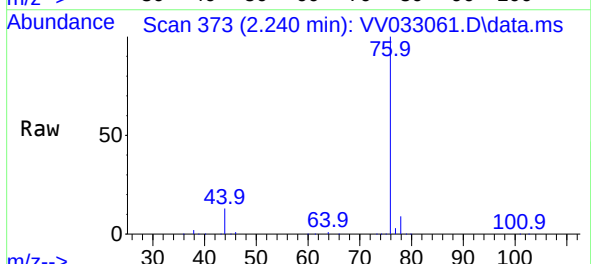
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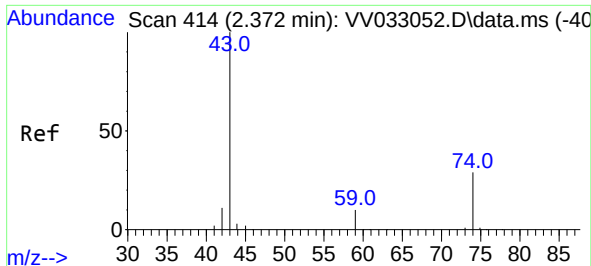
Tgt Ion: 76 Resp: 231195

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4

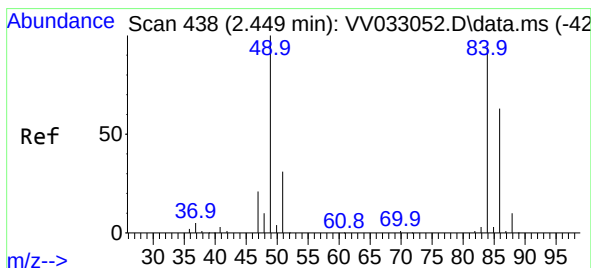
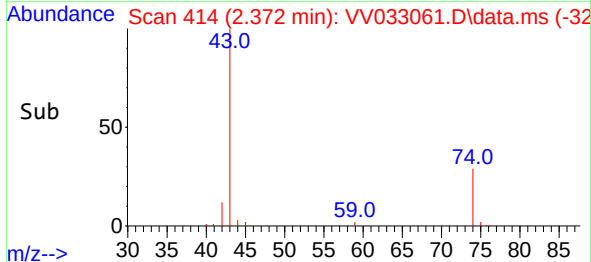
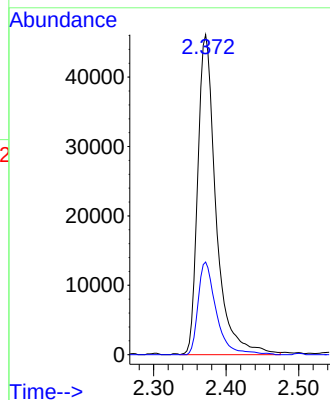
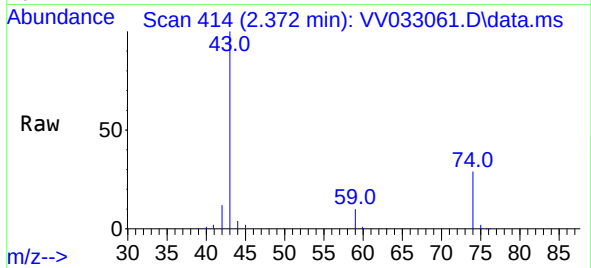




#15
Methyl Acetate
Concen: 47.969 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

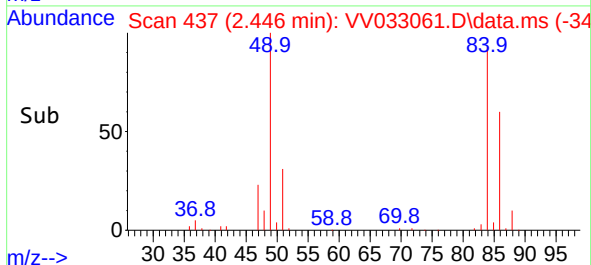
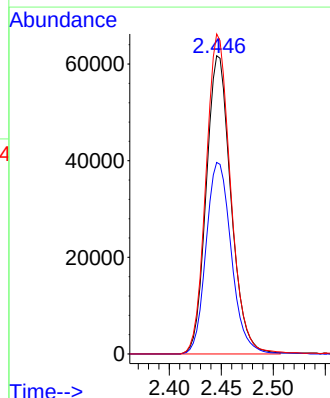
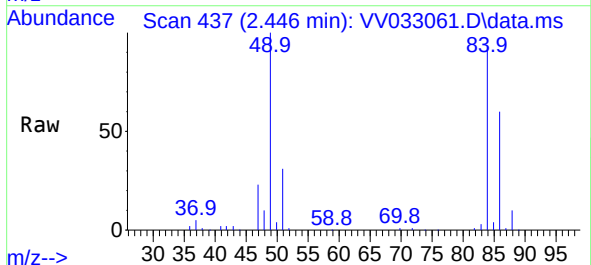
Instrument :
MSVOA_V
ClientSampleId :

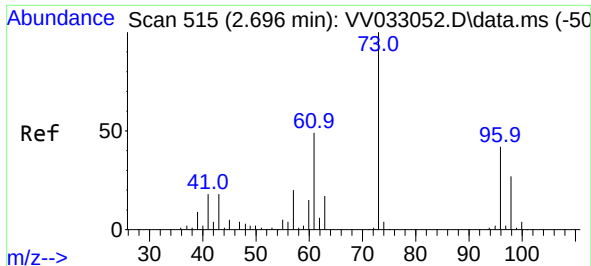
Tgt Ion: 43 Resp: 80597
Ion Ratio Lower Upper
43 100
74 28.7 22.7 34.1



#16
Methylene chloride
Concen: 44.306 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion: 84 Resp: 101891
Ion Ratio Lower Upper
84 100
86 64.3 44.7 83.1
49 107.3 76.6 142.3

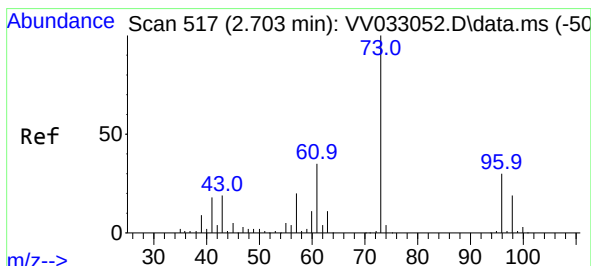
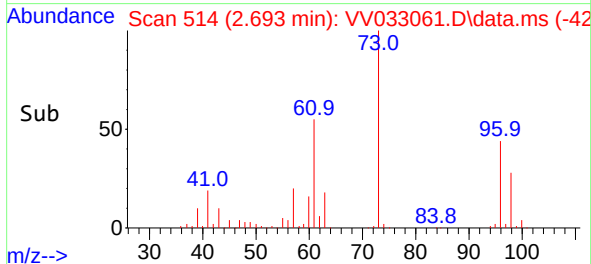
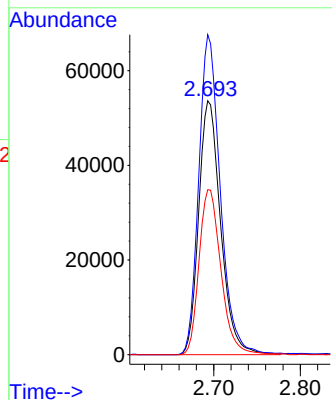
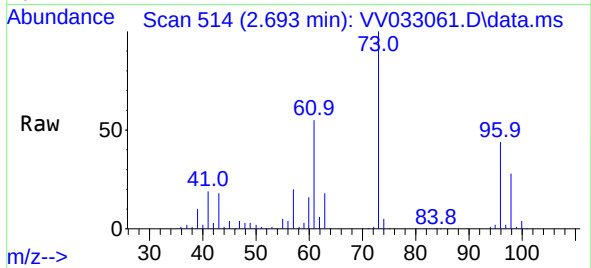




#17
trans-1,2-Dichloroethene
Concen: 45.581 ug/L
RT: 2.693 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

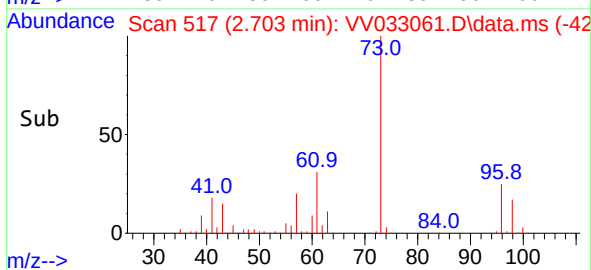
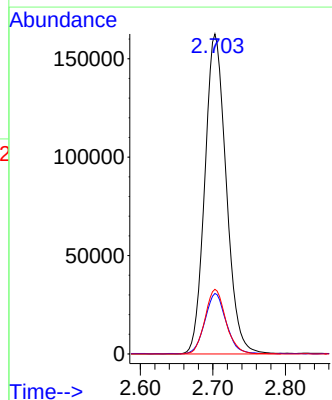
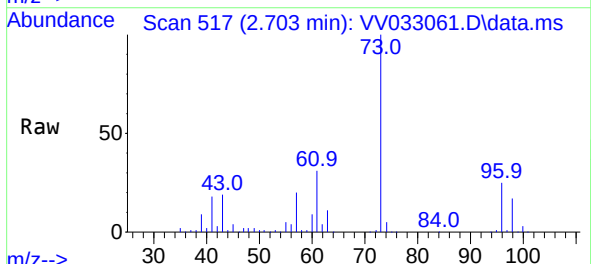
Instrument :
MSVOA_V
ClientSampleId :

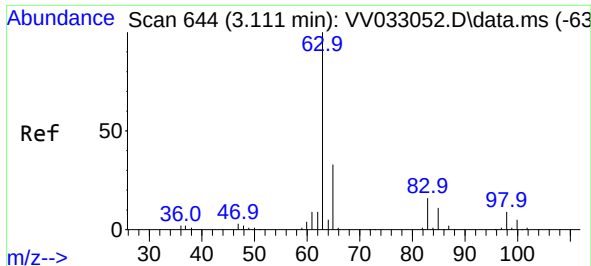
Tgt Ion: 96 Resp: 94687
Ion Ratio Lower Upper
96 100
61 126.0 89.5 166.3
98 65.0 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 51.171 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion: 73 Resp: 333450
Ion Ratio Lower Upper
73 100
43 18.6 15.2 22.8
57 19.7 15.8 23.8





#19

1,1-Dichloroethane

Concen: 46.252 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

Instrument :

MSVOA_V

ClientSampleId :

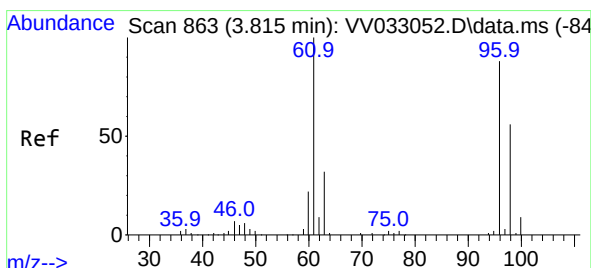
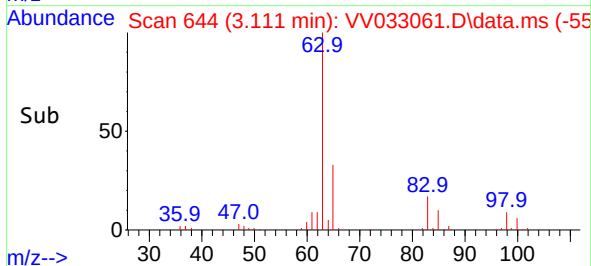
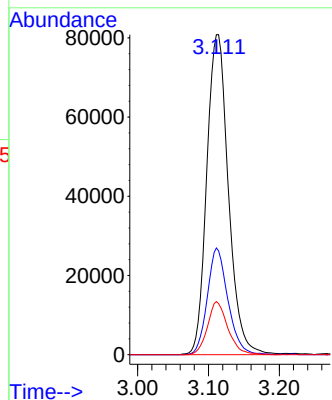
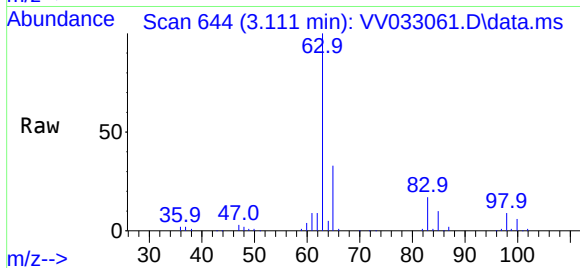
Tgt Ion: 63 Resp: 171630

Ion Ratio Lower Upper

63 100

65 33.3 22.4 41.6

83 16.6 10.7 19.9



#20

cis-1,2-Dichloroethene

Concen: 47.408 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

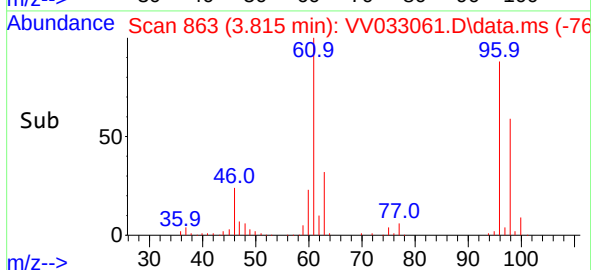
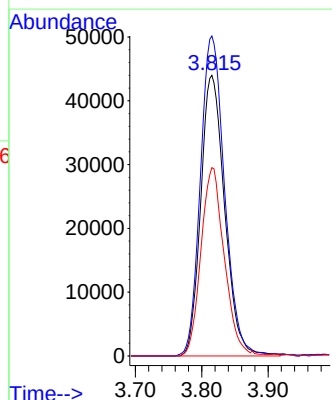
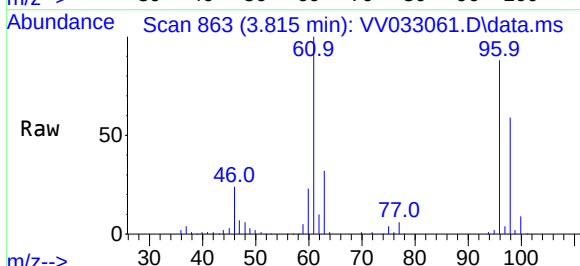
Tgt Ion: 96 Resp: 110421

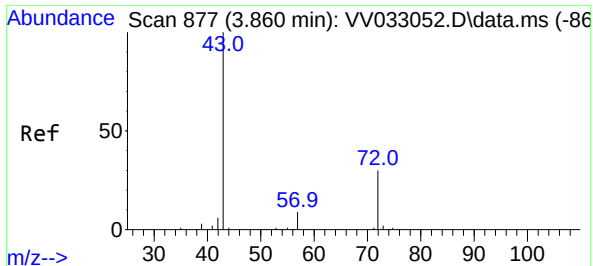
Ion Ratio Lower Upper

96 100

61 114.0 80.2 149.0

98 67.1 45.1 83.7





#22

2-Butanone

Concen: 88.718 ug/L

RT: 3.863 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

Instrument :

MSVOA_V

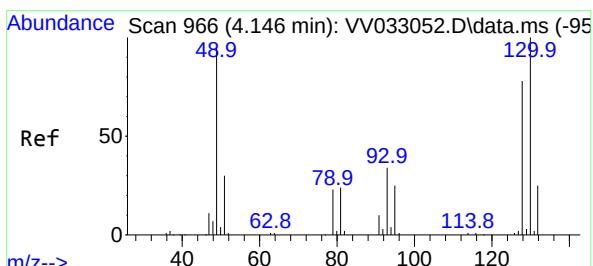
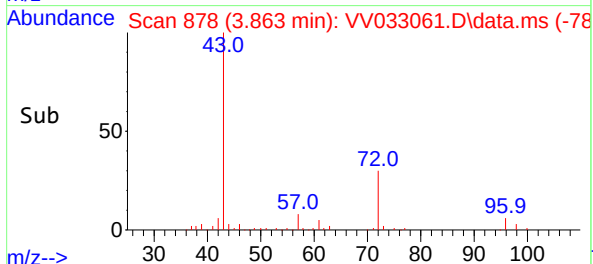
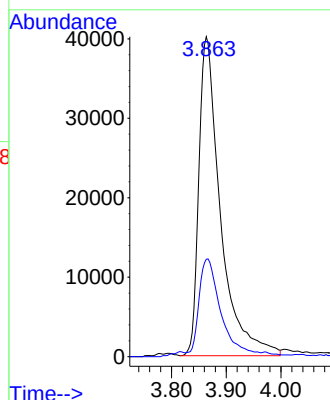
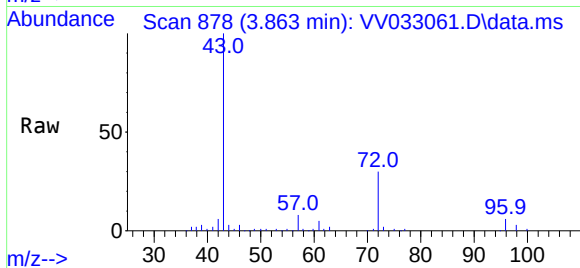
ClientSampleId :

Tgt Ion: 43 Resp: 110093

Ion Ratio Lower Upper

43 100

72 29.7 13.9 41.7



#23

Bromochloromethane

Concen: 48.358 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.000 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

Tgt Ion:128 Resp: 61951

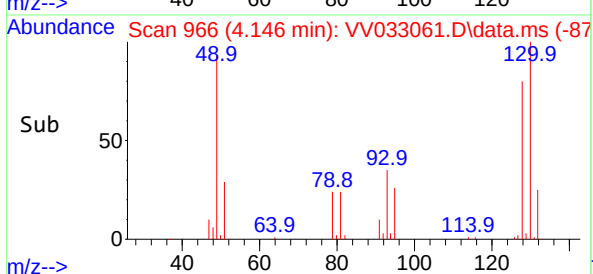
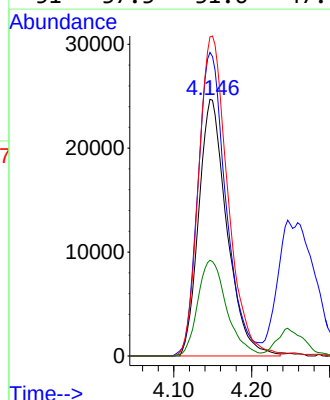
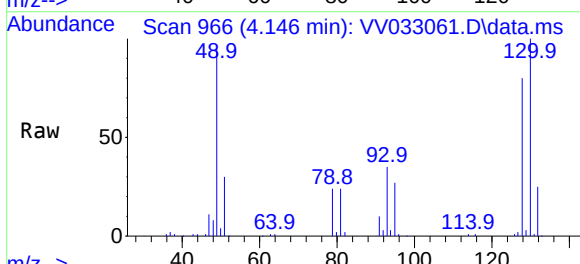
Ion Ratio Lower Upper

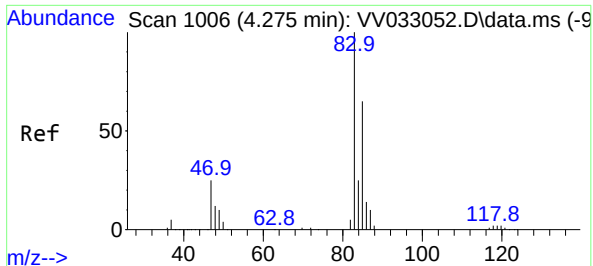
128 100

49 118.3 87.1 161.7

130 124.4 88.1 163.5

51 37.3 31.6 47.4

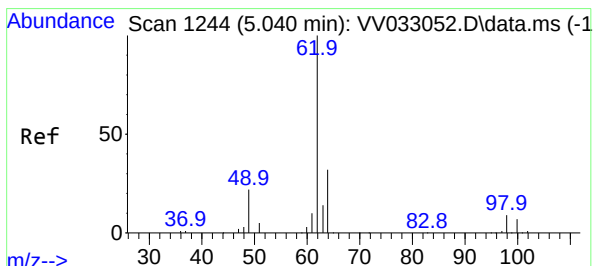
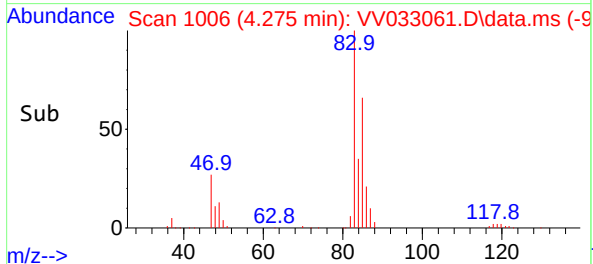
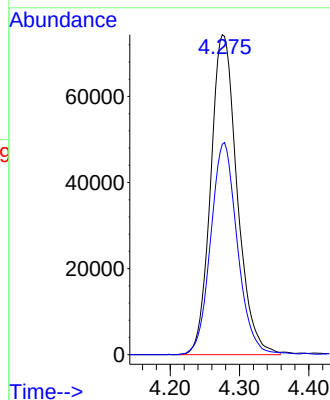
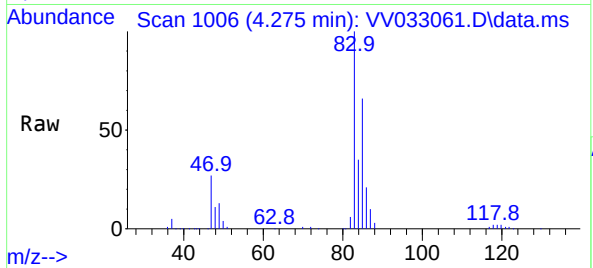




#25
Chloroform
Concen: 47.284 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

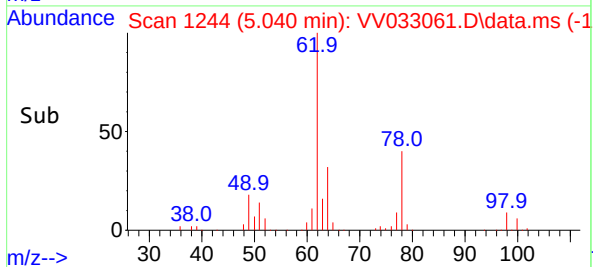
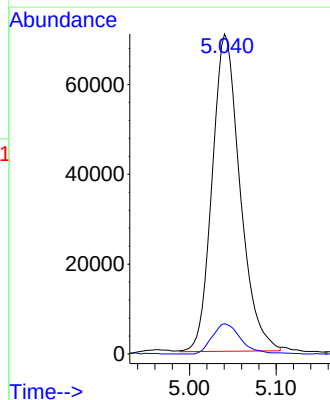
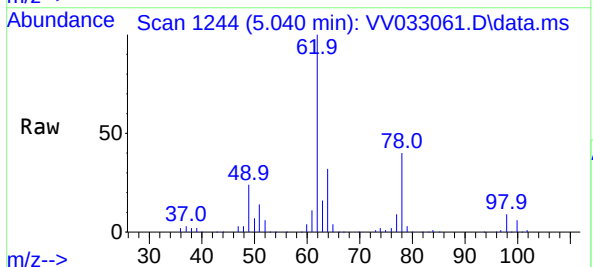
Instrument :
MSVOA_V
ClientSampleId :

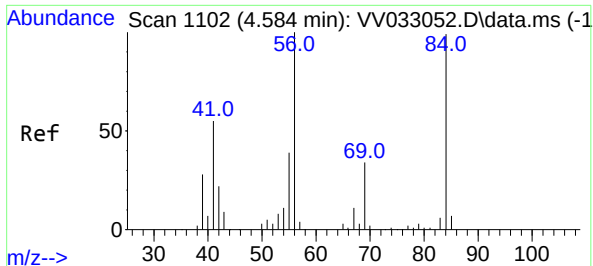
Tgt Ion: 83 Resp: 197487
Ion Ratio Lower Upper
83 100
85 65.8 46.2 85.8



#27
1,2-Dichloroethane
Concen: 48.460 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion: 62 Resp: 157895
Ion Ratio Lower Upper
62 100
98 9.5 8.3 12.5





#29

Cyclohexane

Concen: 42.064 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

Instrument :

MSVOA_V

ClientSampleId :

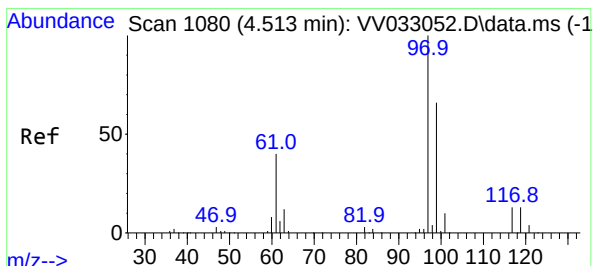
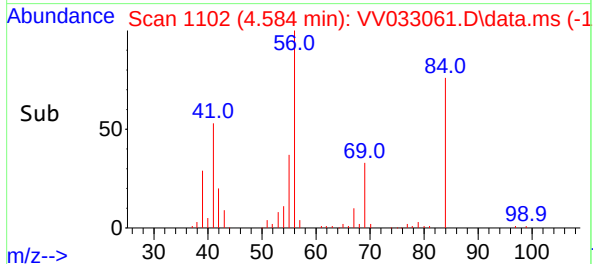
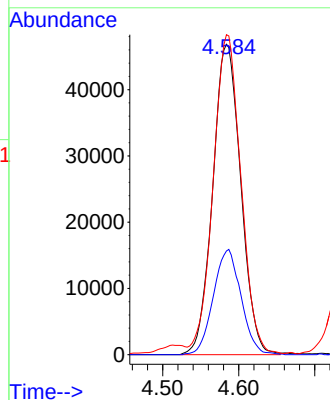
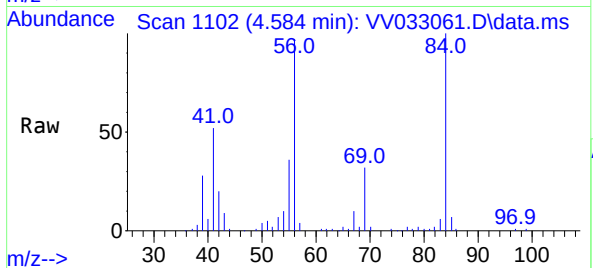
Tgt Ion: 56 Resp: 119911

Ion Ratio Lower Upper

56 100

69 33.5 26.7 40.1

84 101.3 78.1 117.1



#30

1,1,1-Trichloroethane

Concen: 47.945 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

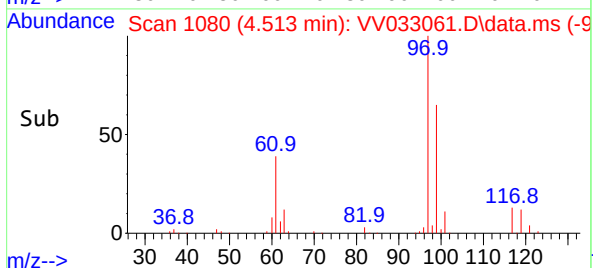
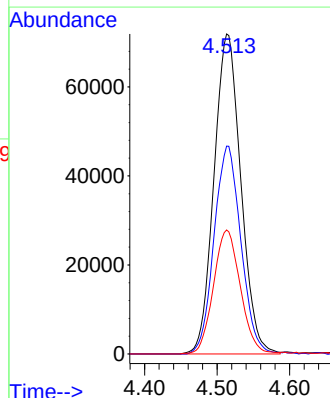
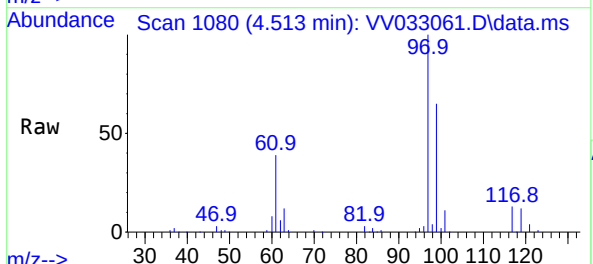
Tgt Ion: 97 Resp: 185025

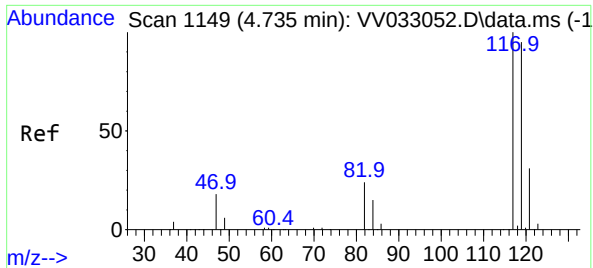
Ion Ratio Lower Upper

97 100

99 65.0 51.2 76.8

61 38.8 32.1 48.1

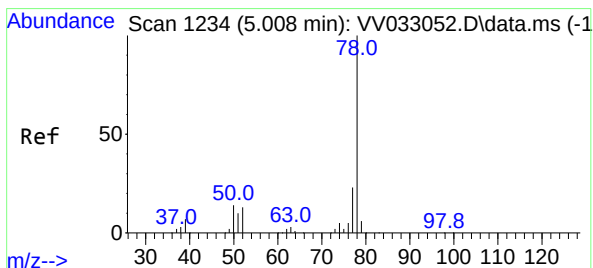
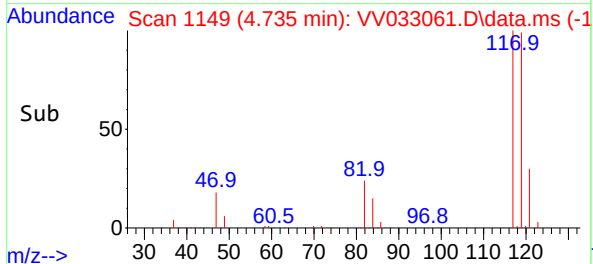
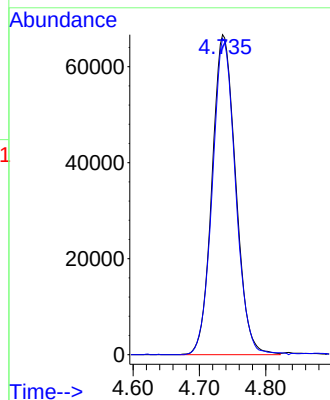
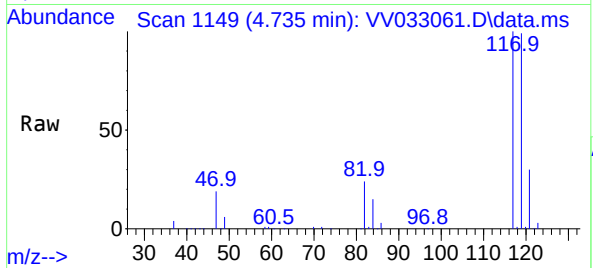




#31
Carbon tetrachloride
Concen: 45.827 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

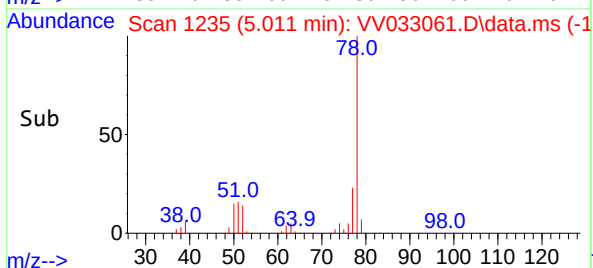
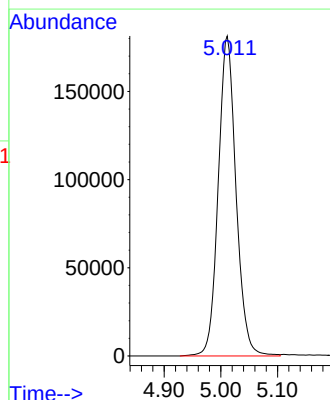
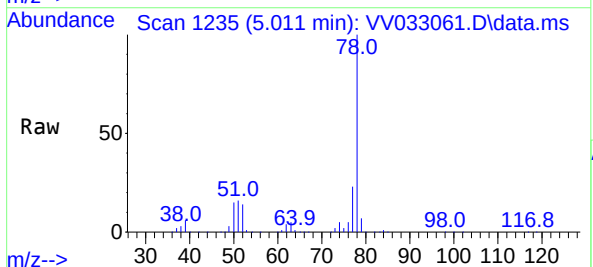
Instrument :
MSVOA_V
ClientSampleId :

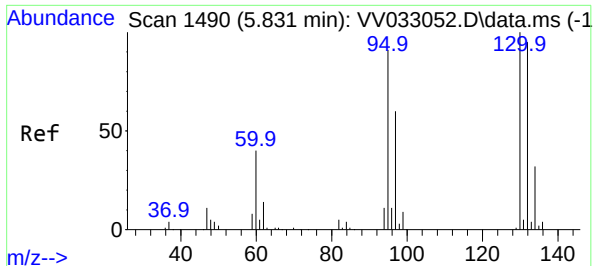
Tgt Ion:117 Resp: 164806
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7



#33
Benzene
Concen: 48.068 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion: 78 Resp: 395038





#34

Trichloroethene

Concen: 47.100 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 109106

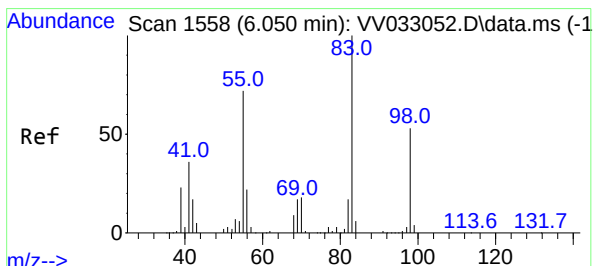
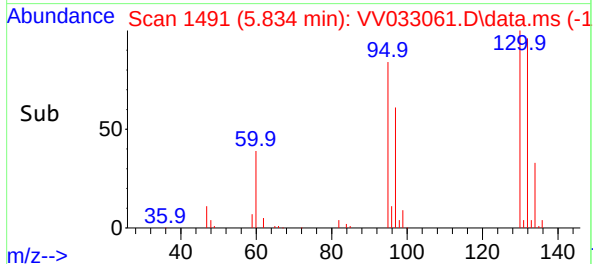
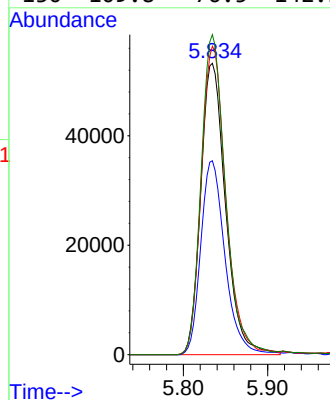
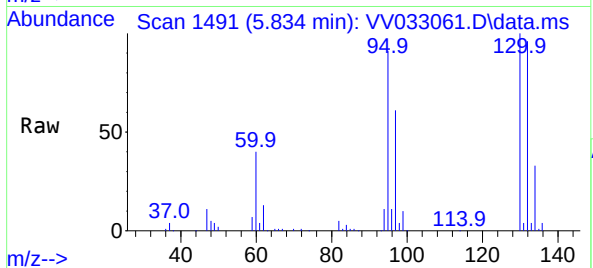
Ion Ratio Lower Upper

95 100

97 66.5 46.0 85.4

132 105.9 76.0 141.2

130 109.8 76.5 142.1



#35

Methylcyclohexane

Concen: 42.674 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

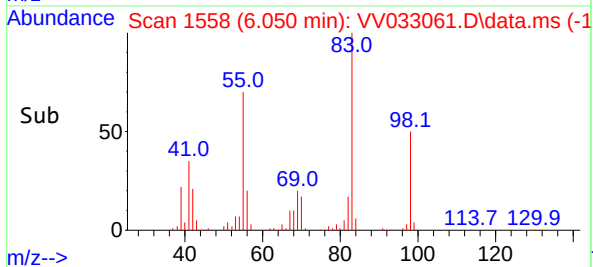
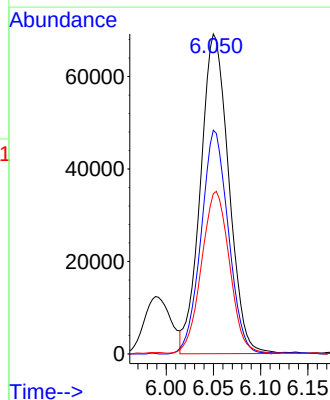
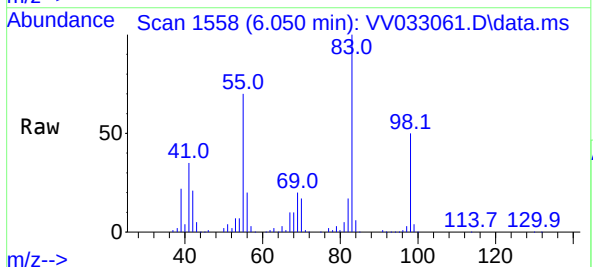
Tgt Ion: 83 Resp: 143679

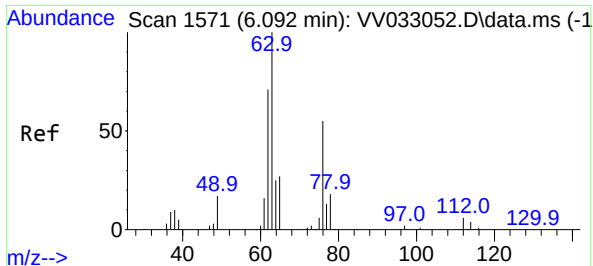
Ion Ratio Lower Upper

83 100

55 67.6 56.3 84.5

98 50.8 40.5 60.7

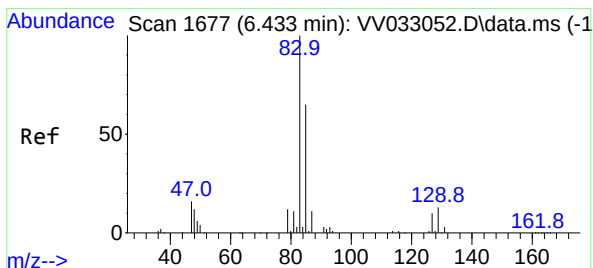
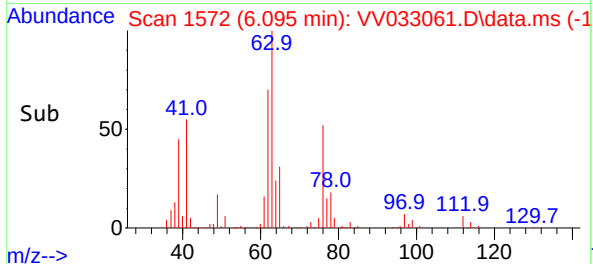
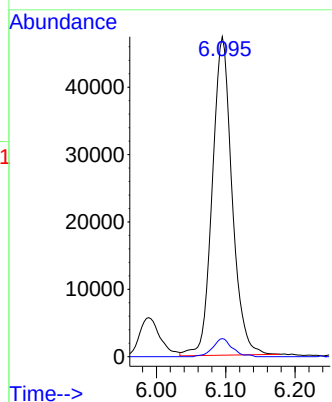
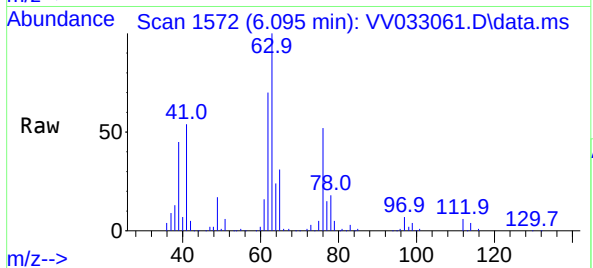




#37
1,2-Dichloropropane
Concen: 46.284 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

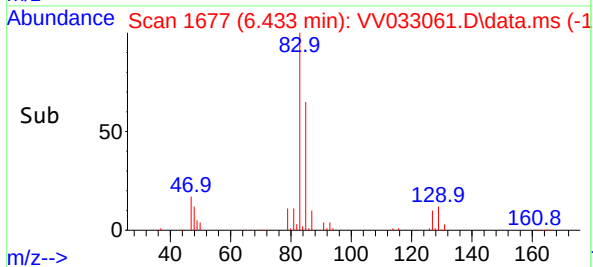
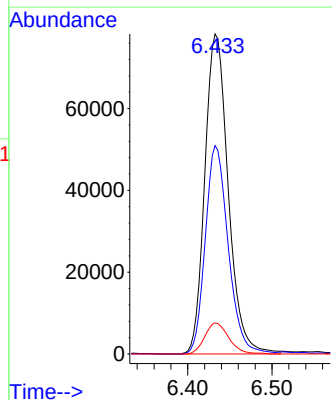
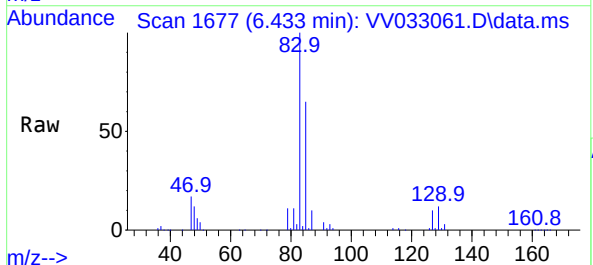
Instrument :
MSVOA_V
ClientSampleId :

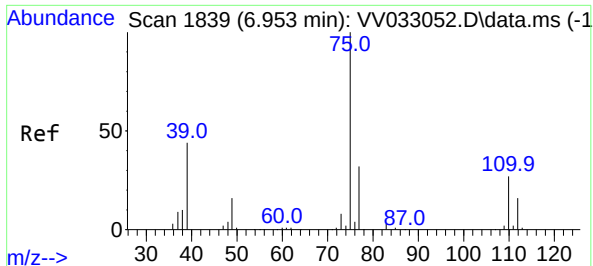
Tgt Ion: 63 Resp: 93363
Ion Ratio Lower Upper
63 100
112 5.5 4.6 7.0



#38
Bromodichloromethane
Concen: 48.326 ug/L
RT: 6.433 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion: 83 Resp: 151465
Ion Ratio Lower Upper
83 100
85 65.1 44.7 83.1
127 9.7 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 47.376 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

Instrument :

MSVOA_V

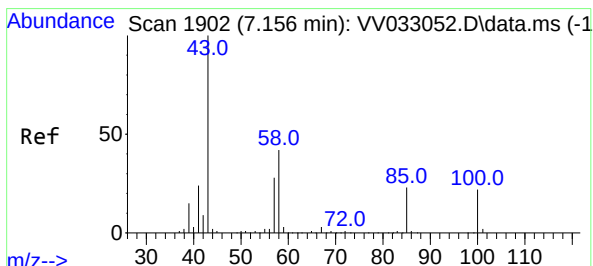
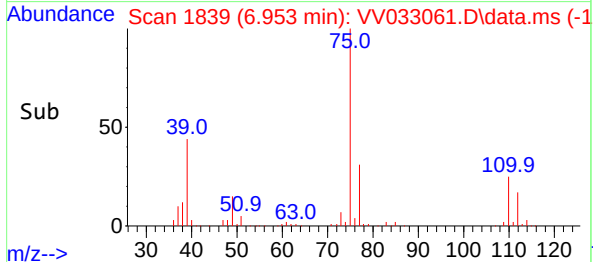
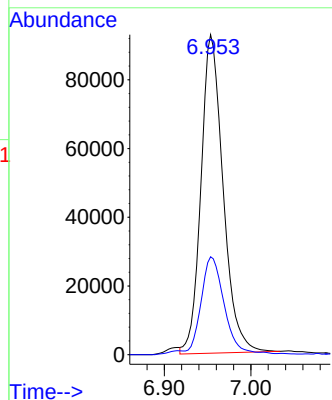
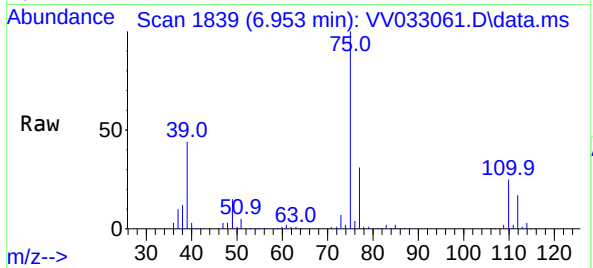
ClientSampleId :

Tgt Ion: 75 Resp: 164526

Ion Ratio Lower Upper

75 100

77 30.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 102.551 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

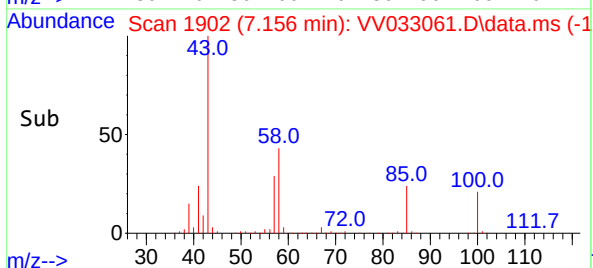
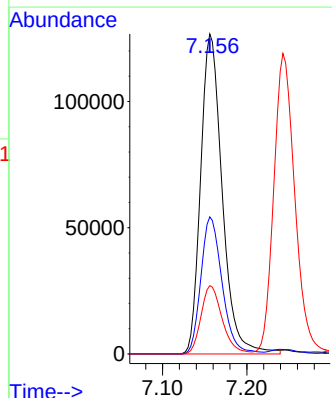
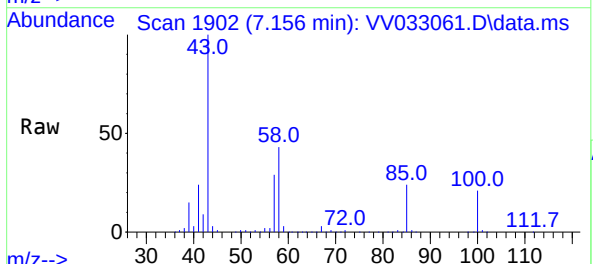
Tgt Ion: 43 Resp: 226275

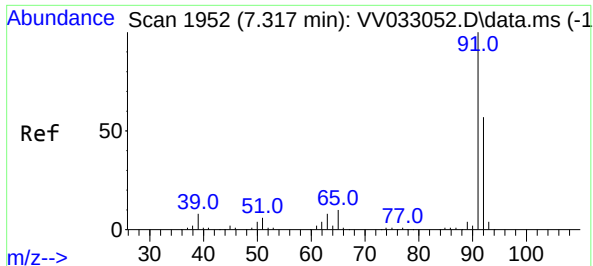
Ion Ratio Lower Upper

43 100

58 42.1 33.2 49.8

100 21.0 14.9 22.3

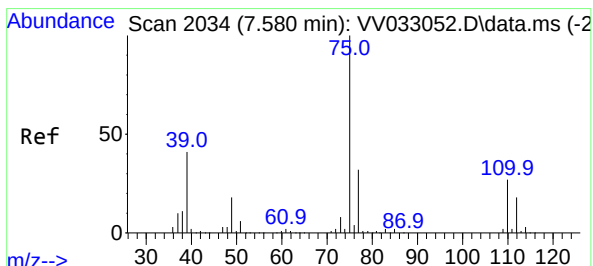
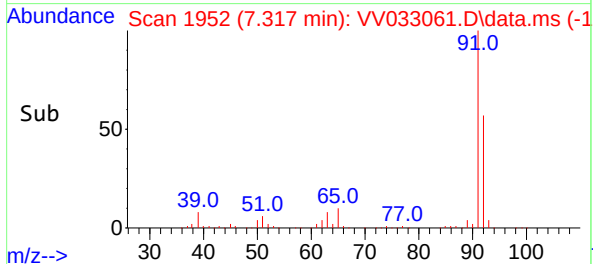
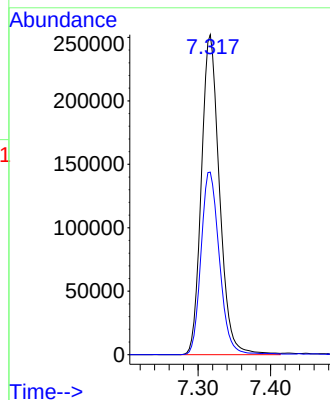
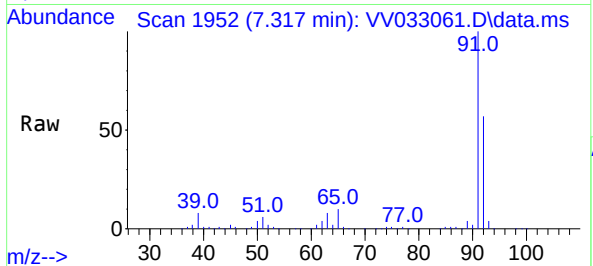




#42
Toluene
Concen: 48.033 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

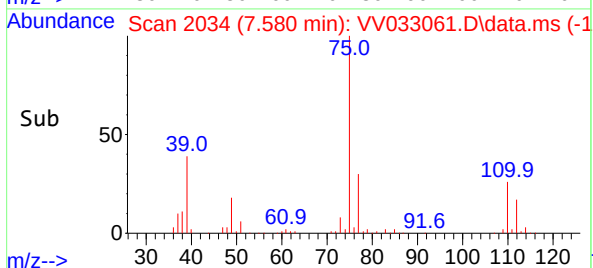
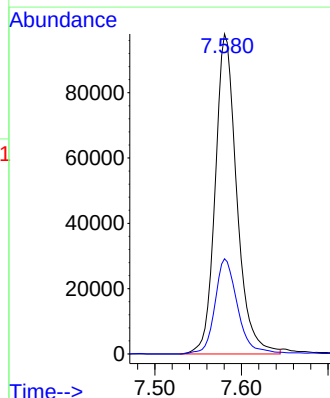
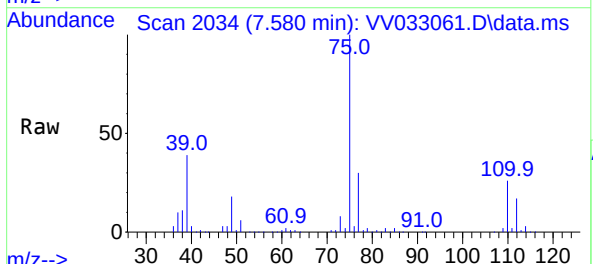
Instrument : MSVOA_V
ClientSampleId :

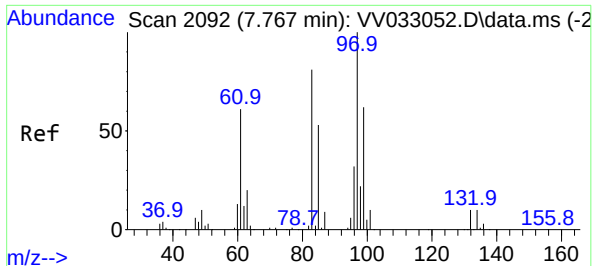
Tgt Ion: 91 Resp: 437397
Ion Ratio Lower Upper
91 100
92 57.0 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 48.598 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion: 75 Resp: 169588
Ion Ratio Lower Upper
75 100
77 29.7 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 48.022 ug/L

RT: 7.770 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 109094

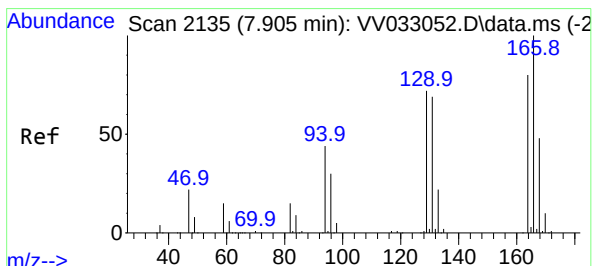
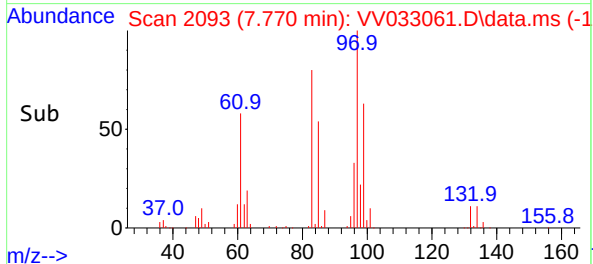
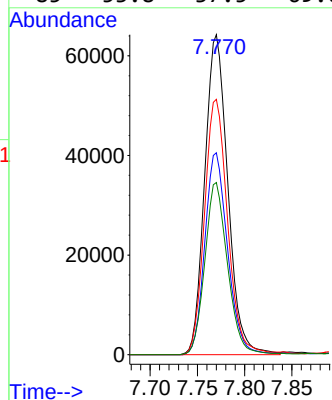
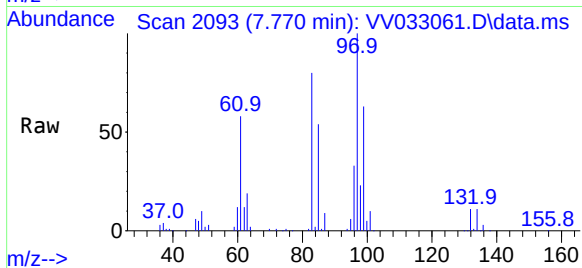
Ion Ratio Lower Upper

97 100

99 63.1 43.5 80.9

83 79.8 55.6 103.2

85 53.8 37.5 69.6



#46

Tetrachloroethene

Concen: 44.926 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

Tgt Ion:164 Resp: 90690

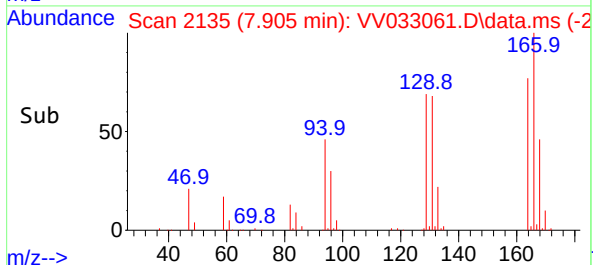
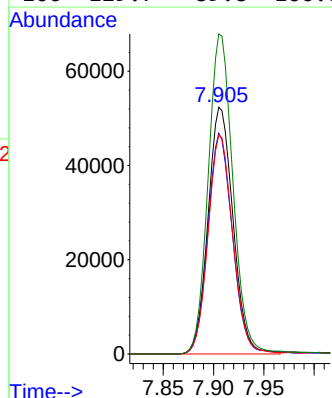
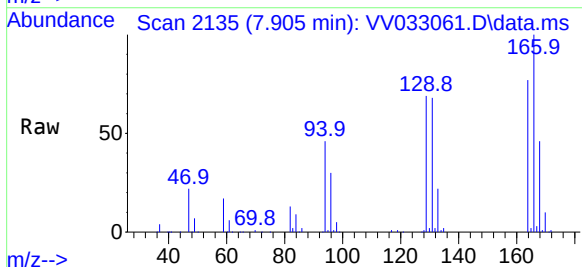
Ion Ratio Lower Upper

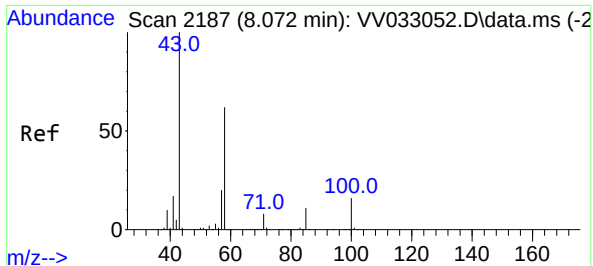
164 100

129 89.4 65.7 122.1

131 88.7 62.5 116.1

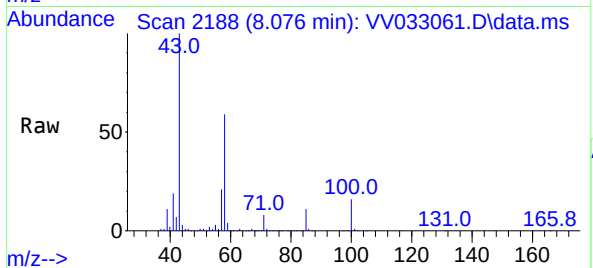
166 129.7 89.8 166.8





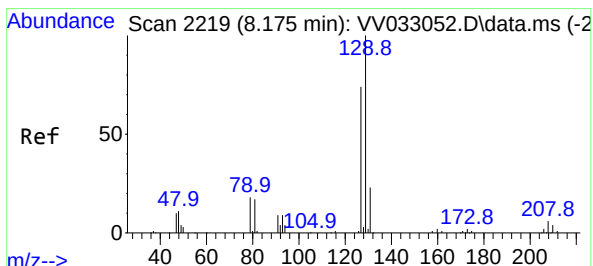
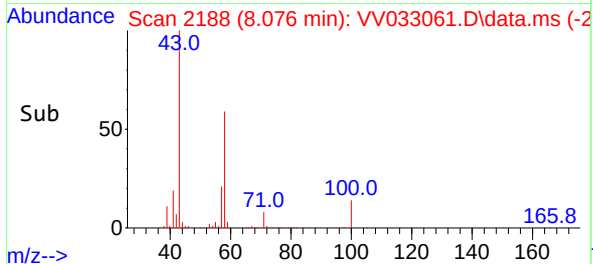
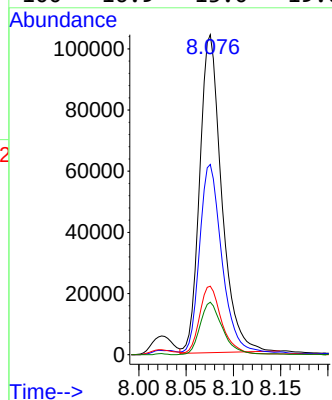
#48
2-Hexanone
Concen: 96.442 ug/L
RT: 8.076 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 168349

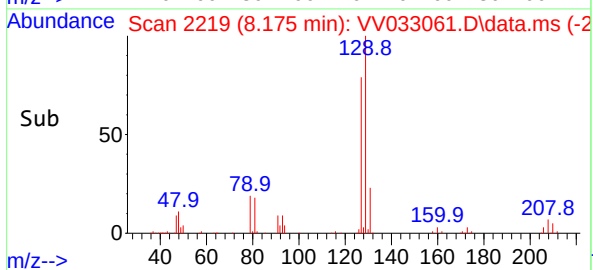
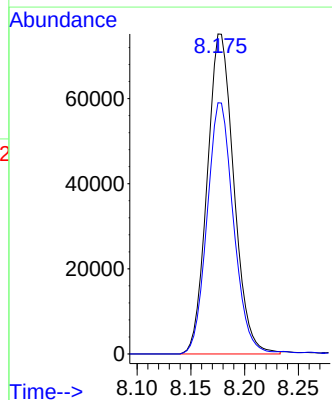
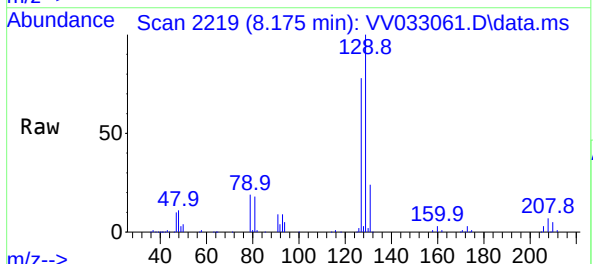
Ion	Ratio	Lower	Upper
43	100		
58	60.1	47.0	70.6
57	21.4	17.0	25.6
100	16.9	13.0	19.6

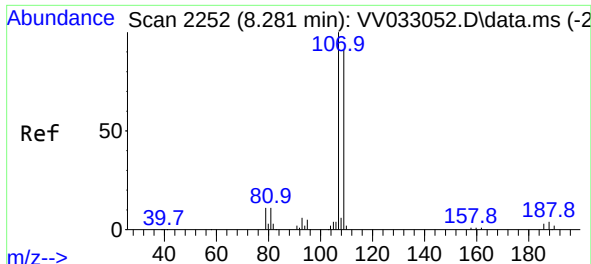


#49
Dibromochloromethane
Concen: 49.546 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion: 129 Resp: 129725

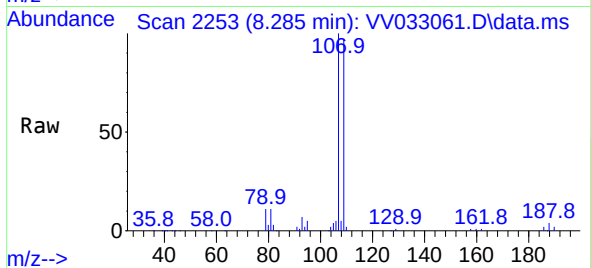
Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.4	101.0



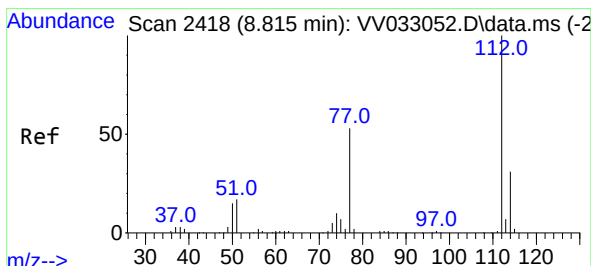
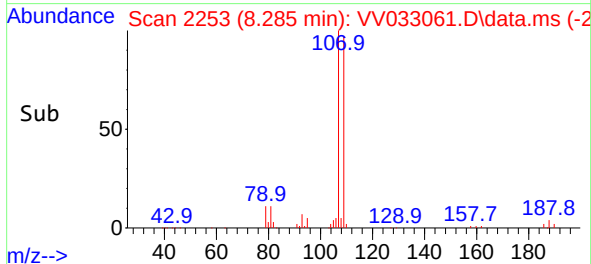
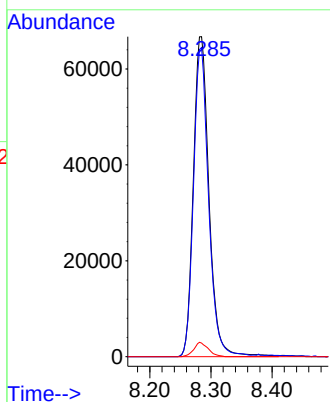


#50
1,2-Dibromoethane
Concen: 49.805 ug/L
RT: 8.285 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Instrument :
MSVOA_V
ClientSampleId :

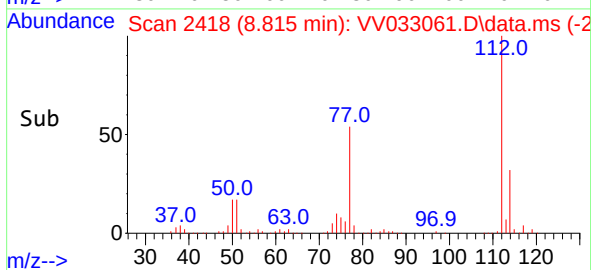
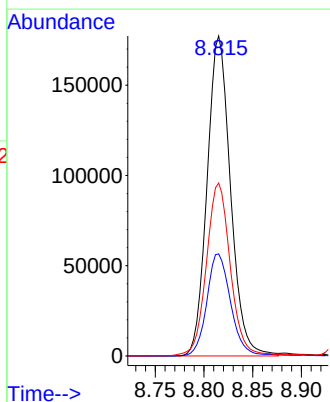
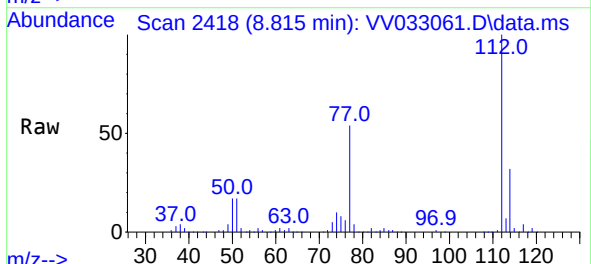


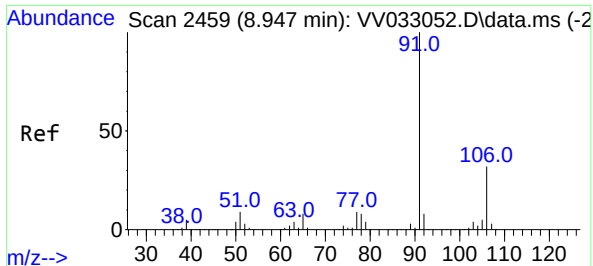
Tgt Ion:107 Resp: 118498
Ion Ratio Lower Upper
107 100
109 96.6 67.3 125.1
188 4.2 3.3 4.9



#51
Chlorobenzene
Concen: 45.927 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion:112 Resp: 296775
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 54.1 43.0 64.6





#52

Ethylbenzene

Concen: 46.313 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. 0.003 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

Instrument :

MSVOA_V

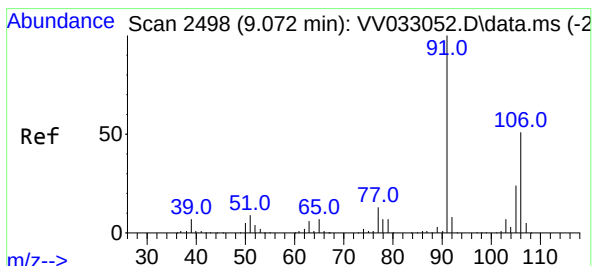
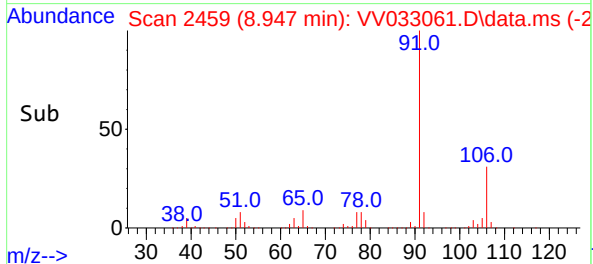
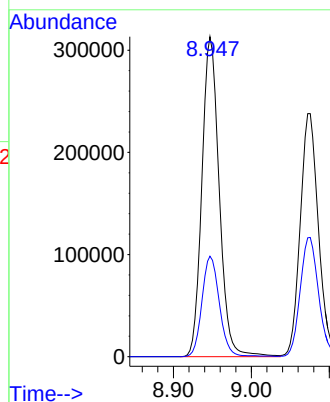
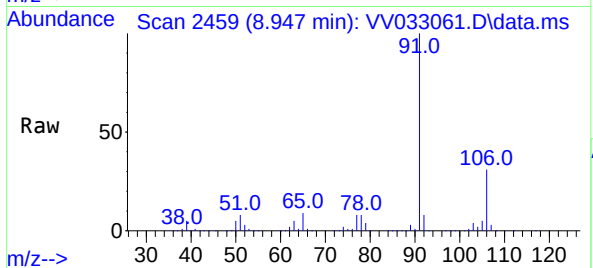
ClientSampleId :

Tgt Ion: 91 Resp: 484135

Ion Ratio Lower Upper

91 100

106 31.4 22.1 41.1



#53

m,p-Xylene

Concen: 46.545 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.003 min

Lab File: VV033061.D

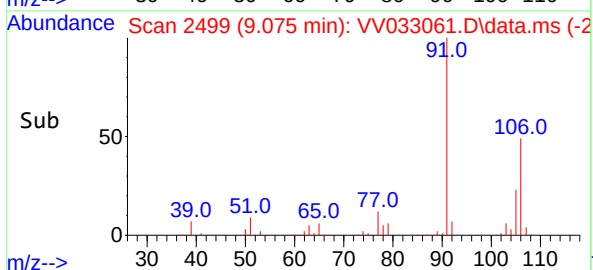
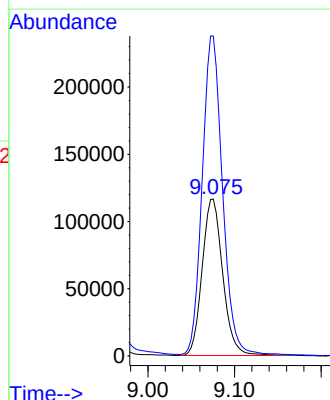
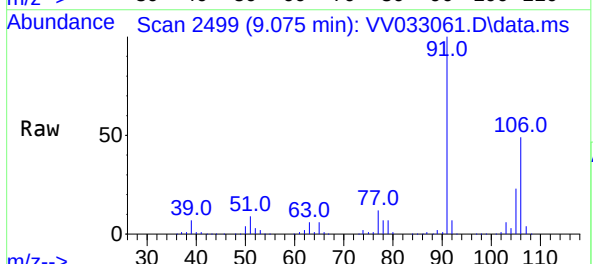
Acq: 22 Nov 2023 15:52

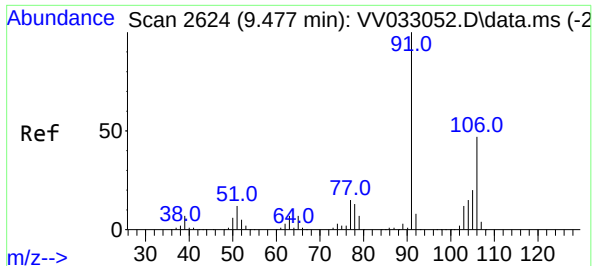
Tgt Ion: 106 Resp: 191170

Ion Ratio Lower Upper

106 100

91 203.8 138.6 257.4





#54

o-Xylene

Concen: 47.742 ug/L

RT: 9.481 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

Instrument :

MSVOA_V

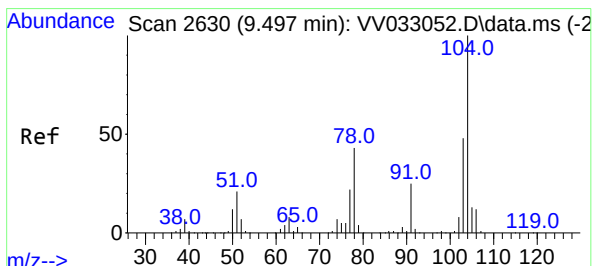
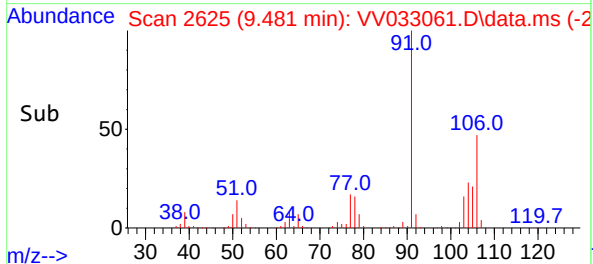
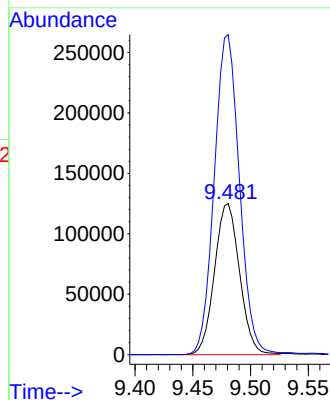
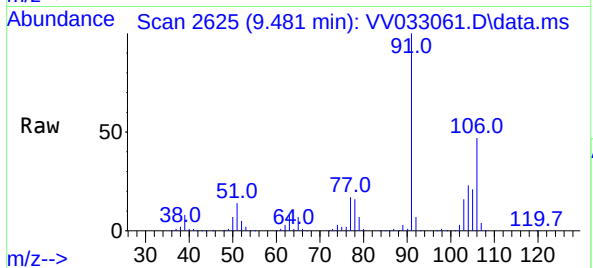
ClientSampleId :

Tgt Ion:106 Resp: 188748

Ion Ratio Lower Upper

106 100

91 211.7 147.3 273.5



#55

Styrene

Concen: 48.763 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.003 min

Lab File: VV033061.D

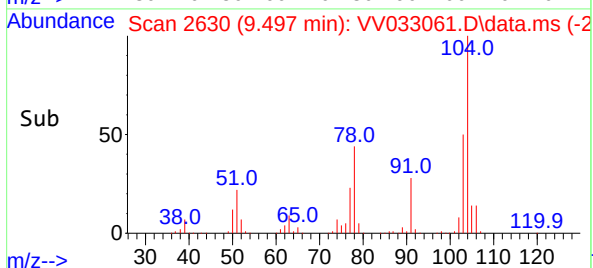
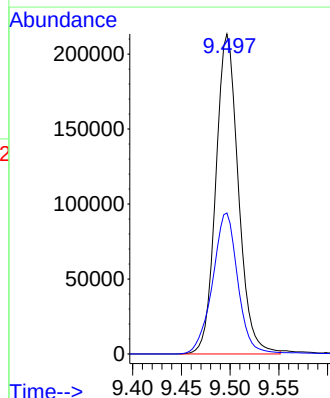
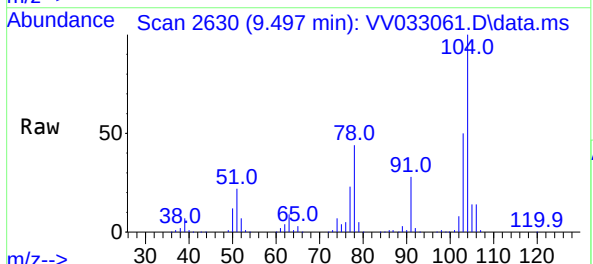
Acq: 22 Nov 2023 15:52

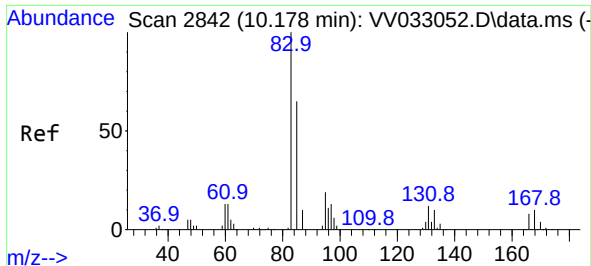
Tgt Ion:104 Resp: 343902

Ion Ratio Lower Upper

104 100

78 44.1 30.2 56.2



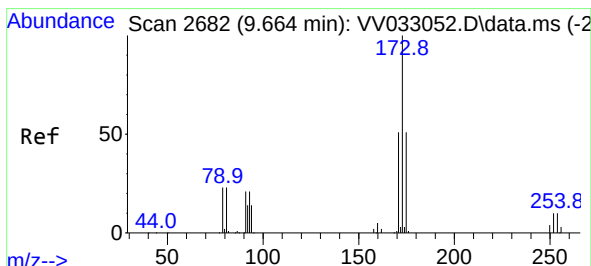
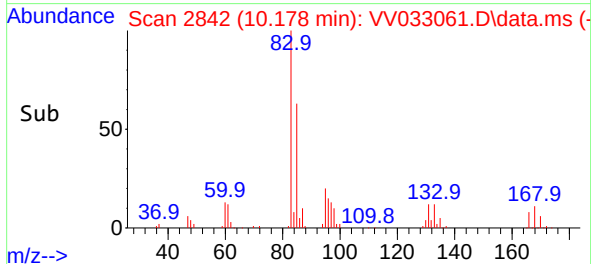
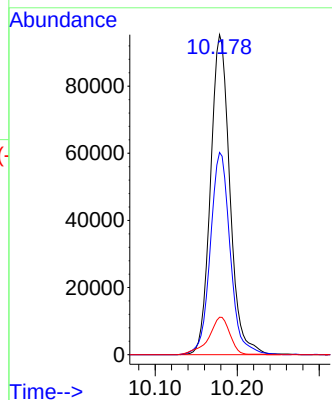
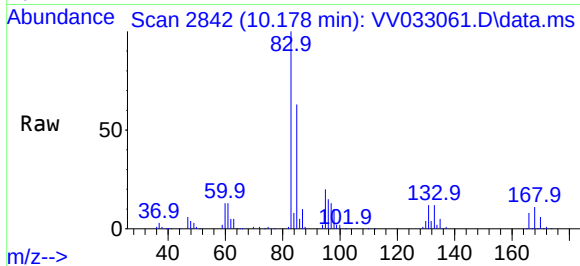


#57
 1,1,2,2-Tetrachloroethane
 Concen: 48.817 ug/L
 RT: 10.178 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV033061.D
 Acq: 22 Nov 2023 15:52

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 83 Resp: 156664

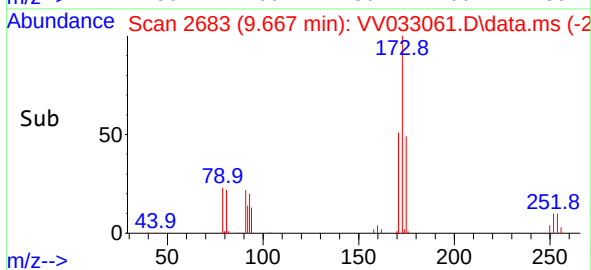
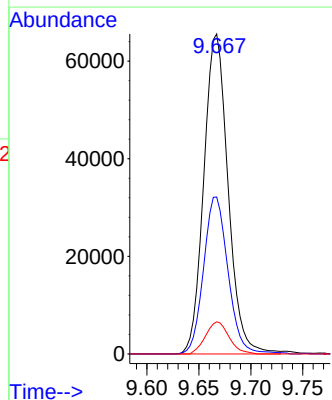
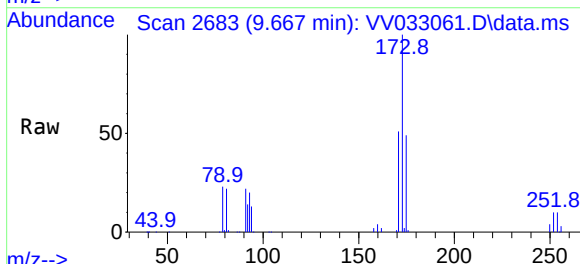
Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.8	85.2
131	11.7	9.4	14.0

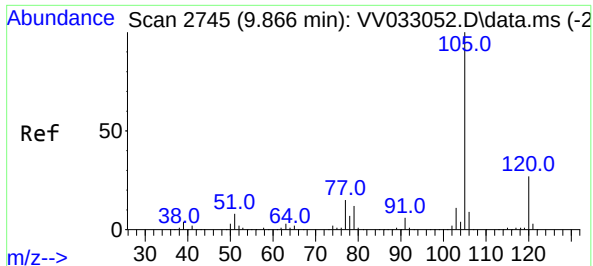


#59
 Bromoform
 Concen: 51.732 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. 0.003 min
 Lab File: VV033061.D
 Acq: 22 Nov 2023 15:52

Tgt Ion: 173 Resp: 106748

Ion	Ratio	Lower	Upper
173	100		
175	49.4	38.7	58.1
254	9.7	7.9	11.9

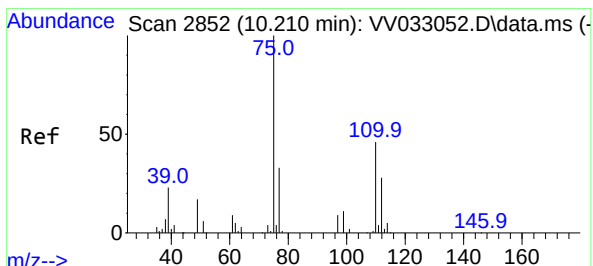
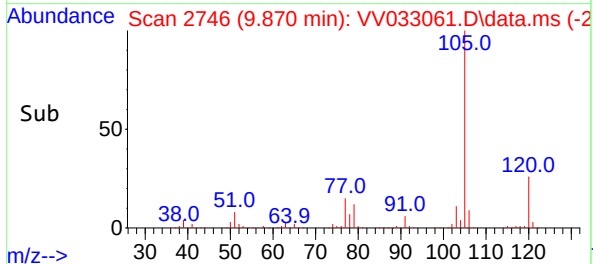
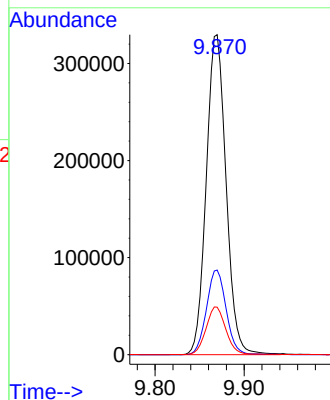
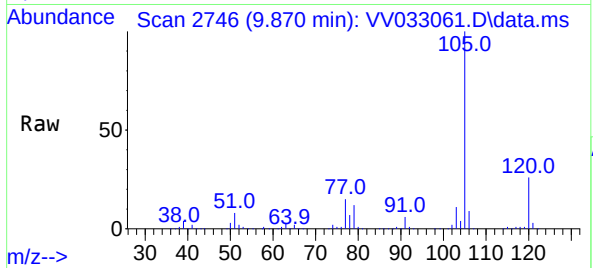




#60
Isopropylbenzene
Concen: 47.401 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

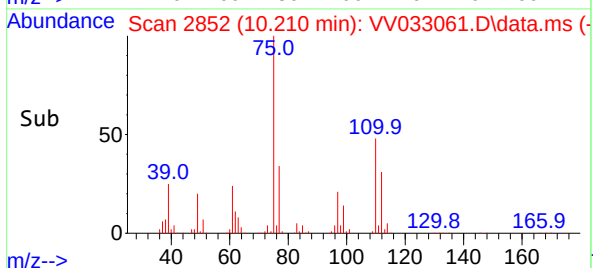
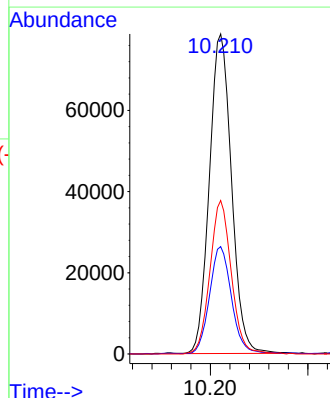
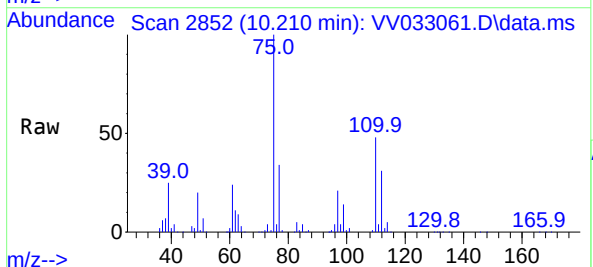
Instrument :
MSVOA_V
ClientSampleId :

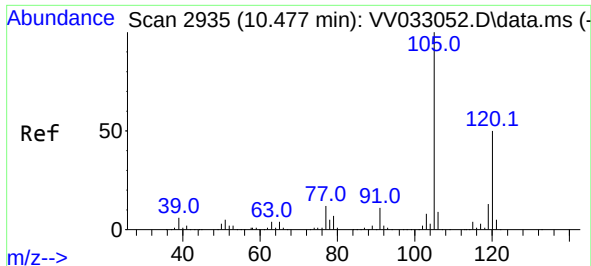
Tgt Ion:105 Resp: 508791
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.2
77 14.8 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 48.563 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

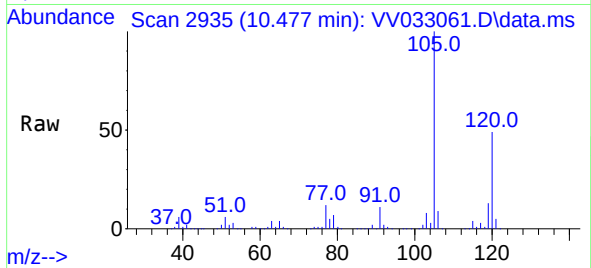
Tgt Ion: 75 Resp: 124044
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.2
110 46.4 36.2 54.4



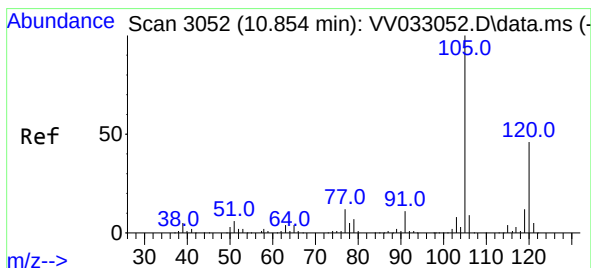
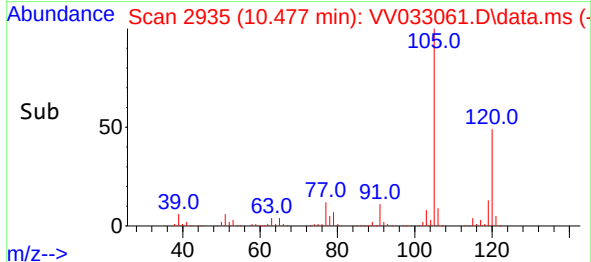
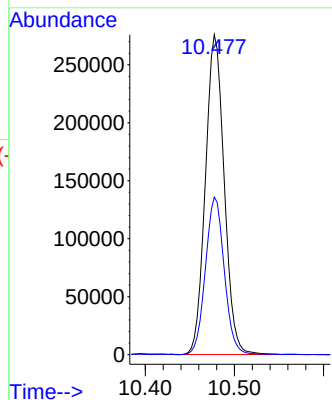


#62
1,3,5-Trimethylbenzene
Concen: 46.912 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Instrument :
MSVOA_V
ClientSampleId :

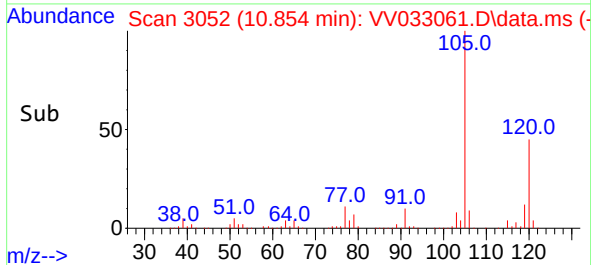
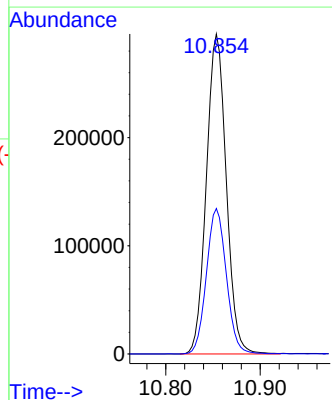
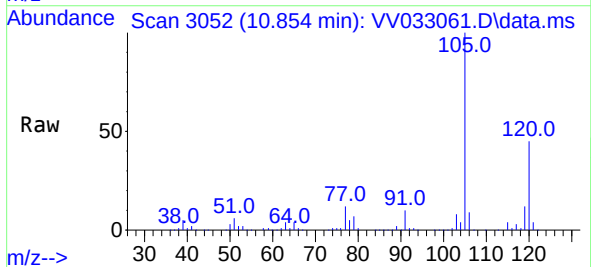


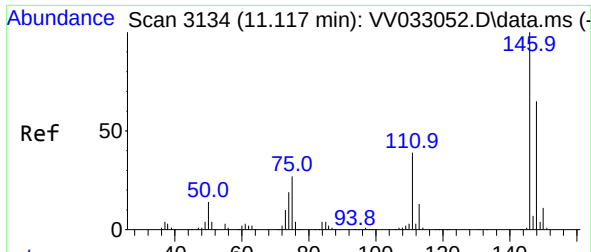
Tgt Ion:105 Resp: 404006
Ion Ratio Lower Upper
105 100
120 49.5 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 47.848 ug/L
RT: 10.854 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion:105 Resp: 431678
Ion Ratio Lower Upper
105 100
120 45.6 36.7 55.1

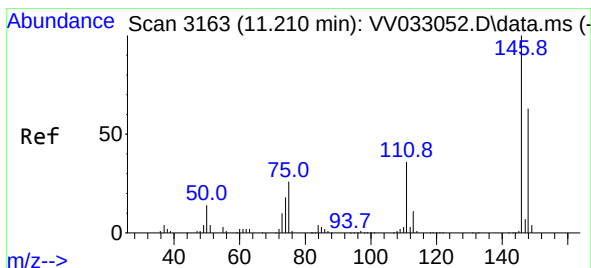
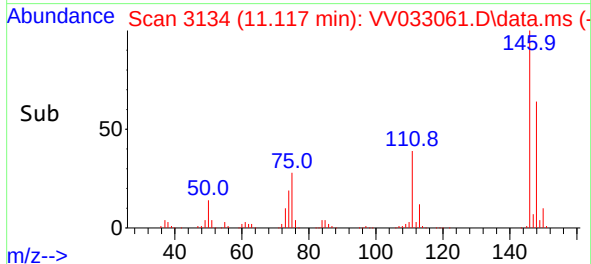
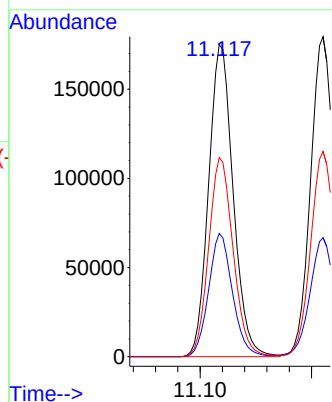
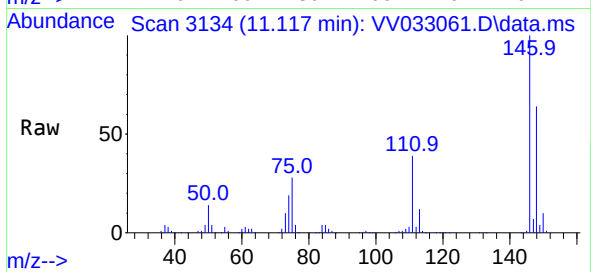




#64
1,3-Dichlorobenzene
Concen: 46.567 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

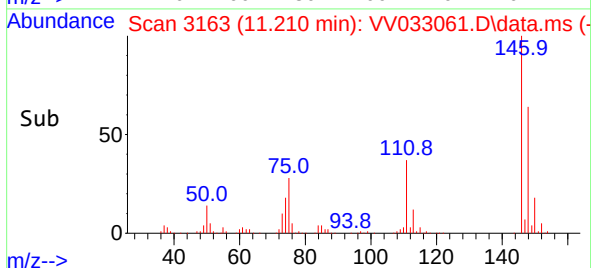
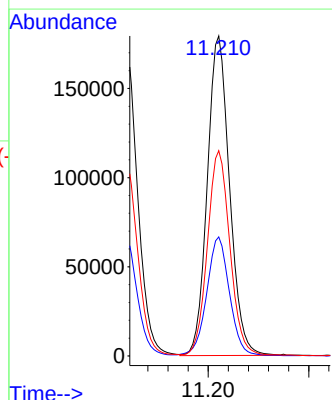
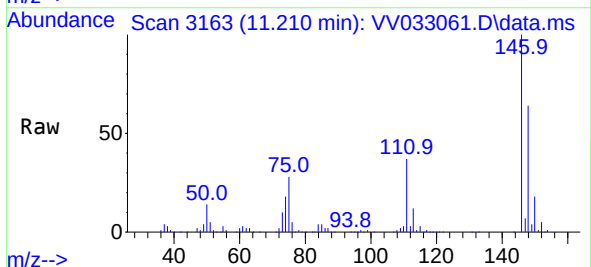
Instrument :
MSVOA_V
ClientSampleId :

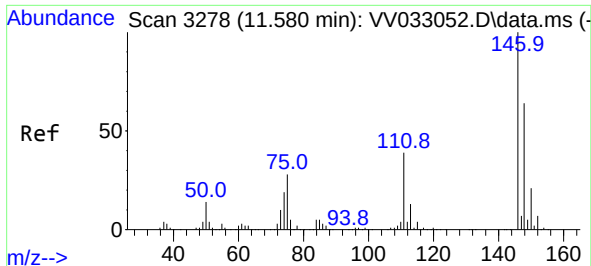
Tgt Ion:146 Resp: 267795
Ion Ratio Lower Upper
146 100
111 39.5 26.5 49.1
148 63.8 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 45.077 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion:146 Resp: 275545
Ion Ratio Lower Upper
146 100
111 37.2 25.1 46.7
148 64.1 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 46.961 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

Instrument :

MSVOA_V

ClientSampleId :

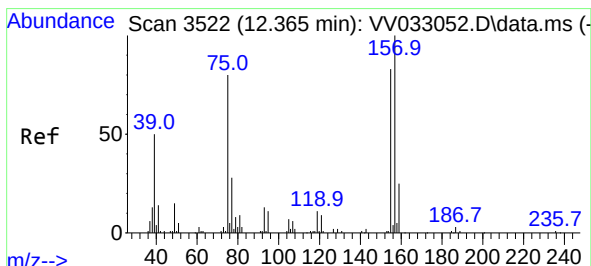
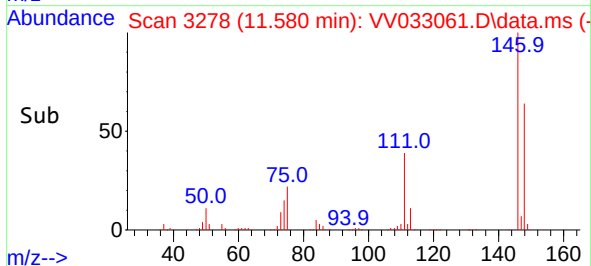
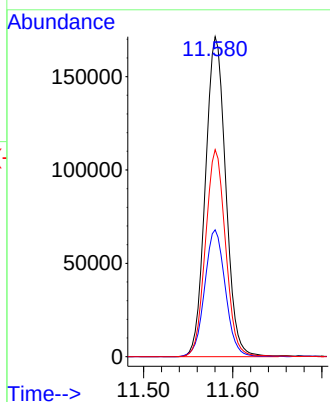
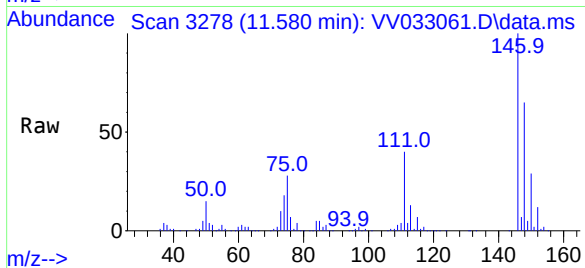
Tgt Ion:146 Resp: 270987

Ion Ratio Lower Upper

146 100

111 39.6 31.8 47.6

148 64.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 50.172 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV033061.D

Acq: 22 Nov 2023 15:52

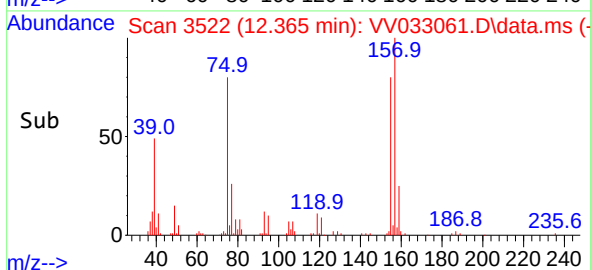
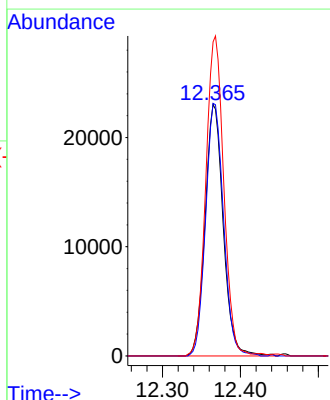
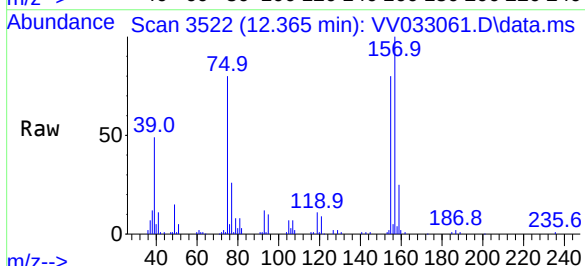
Tgt Ion: 75 Resp: 37281

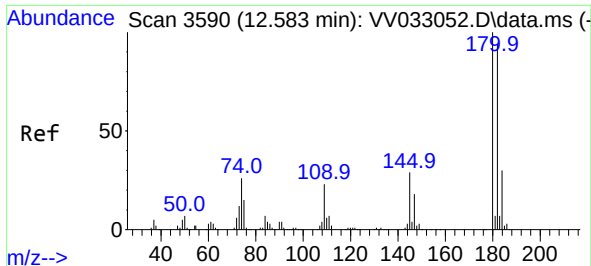
Ion Ratio Lower Upper

75 100

155 100.5 79.8 119.8

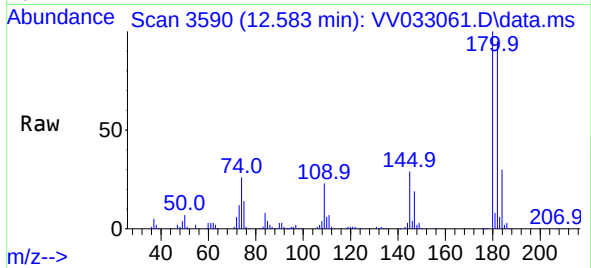
157 124.9 102.5 153.7



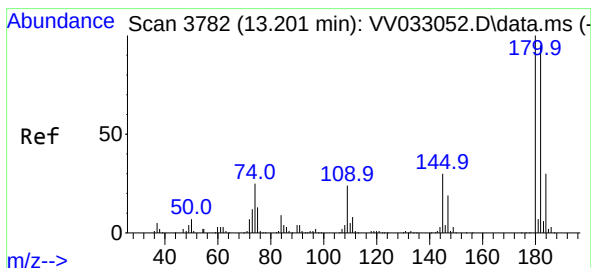
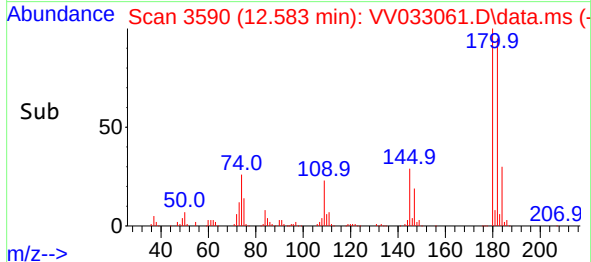
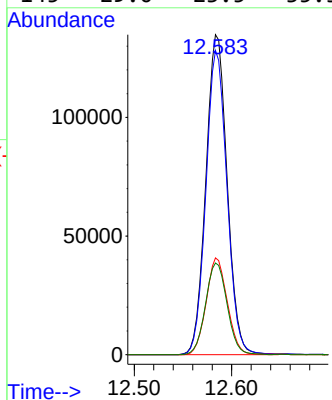


#69
1,3,5-Trichlorobenzene
Concen: 45.818 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.000 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Instrument :
MSVOA_V
ClientSampleId :

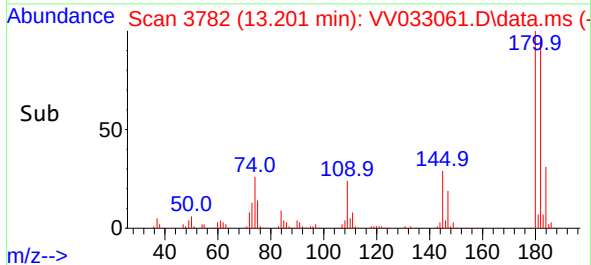
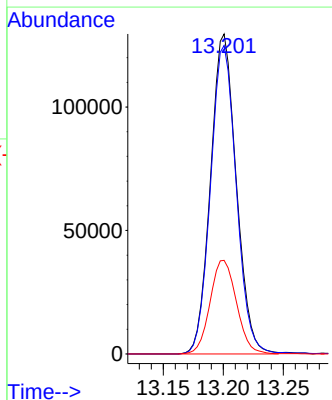
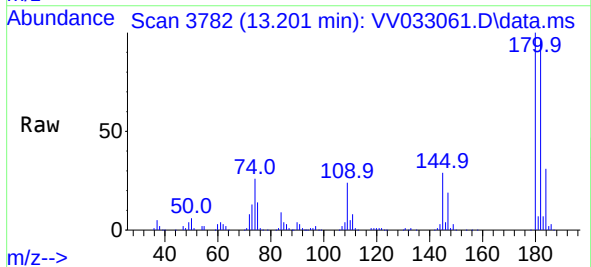


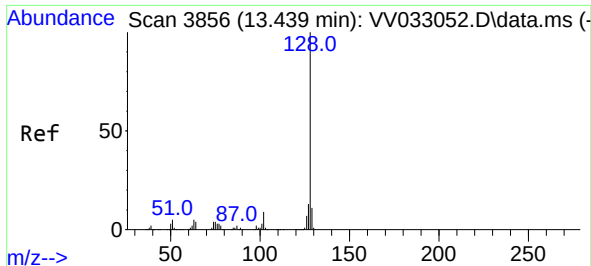
Tgt Ion:180 Resp: 204849
Ion Ratio Lower Upper
180 100
182 94.1 76.6 115.0
184 30.0 24.5 36.7
145 29.0 23.5 35.3



#70
1,2,4-trichlorobenzene
Concen: 47.208 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

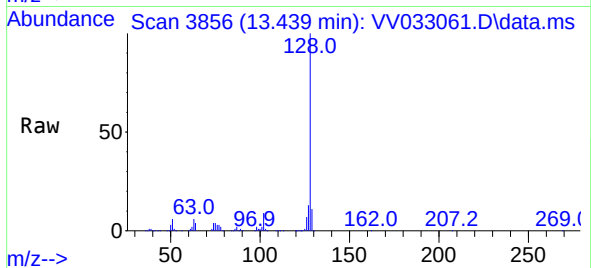
Tgt Ion:180 Resp: 193429
Ion Ratio Lower Upper
180 100
182 96.1 76.8 115.2
145 30.0 23.2 34.8



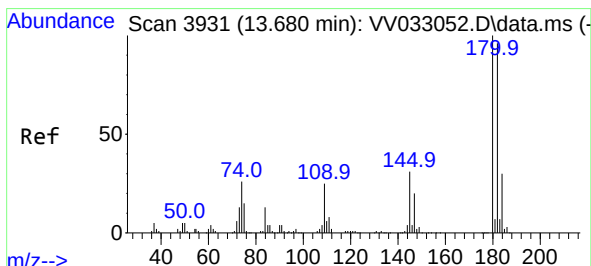
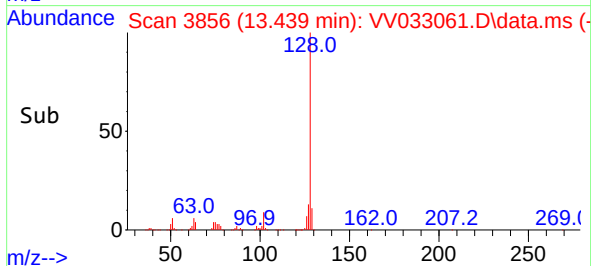
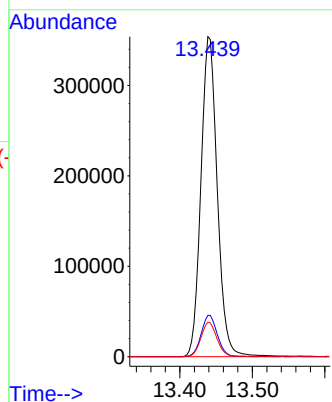


#71
Naphthalene
Concen: 54.693 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 554275
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 50.885 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV033061.D
Acq: 22 Nov 2023 15:52

Tgt Ion:180 Resp: 202142
Ion Ratio Lower Upper
180 100
182 95.5 76.6 114.8
145 32.5 25.5 38.3

