

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045062.D
 Acq On : 27 Feb 2025 14:55
 Operator : JC/MD
 Sample : Q1403-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 27 15:22:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

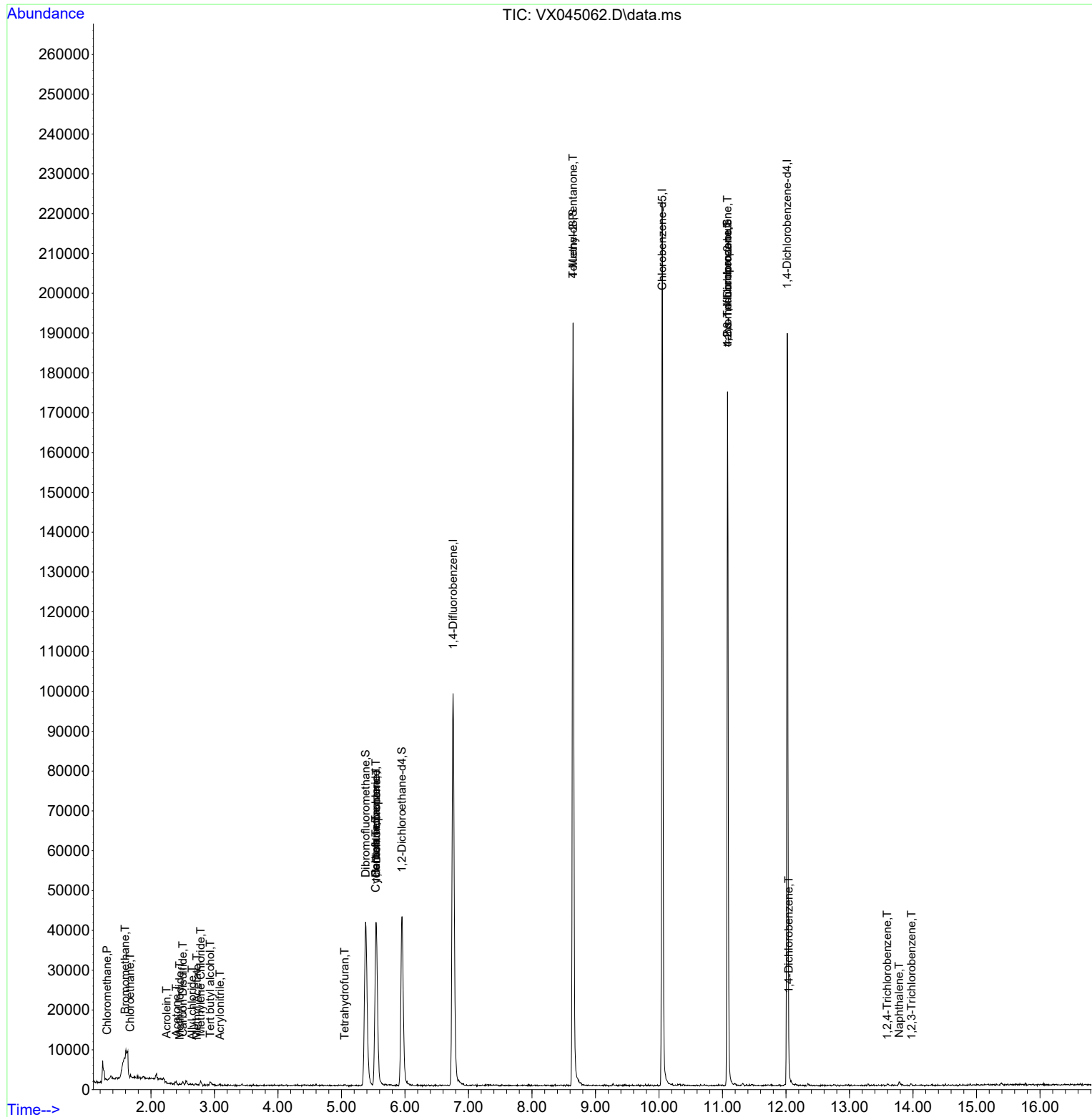
Internal Standards						
1) Pentafluorobenzene	5.544	168	38611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	103235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	100796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	38343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	40714	72.04	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 144.08%#			
35) Dibromofluoromethane	5.379	113	36825	54.86	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.72%			
50) Toluene-d8	8.647	98	115112	45.35	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.70%			
62) 4-Bromofluorobenzene	11.079	95	45952	53.70	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.40%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	237	0.36	ug/l #	42
5) Bromomethane	1.593	94	183	0.96	ug/l #	80
6) Chloroethane	1.673	64	198	1.98	ug/l #	42
10) Methyl Iodide	2.453	142	137	0.22	ug/l #	41
11) Tert butyl alcohol	2.934	59	493	4.70	ug/l #	73
13) Acrolein	2.246	56	86	0.79	ug/l	99
14) Allyl chloride	2.648	41	193	0.21	ug/l #	75
15) Acrylonitrile	3.087	53	149	0.53	ug/l #	18
16) Acetone	2.398	43	704	3.10	ug/l	98
17) Carbon Disulfide	2.502	76	939	0.69	ug/l #	76
18) Methyl Acetate	2.721	43	310	0.43	ug/l #	52
20) Methylene Chloride	2.782	84	499	0.90	ug/l #	86
29) Tetrahydrofuran	5.050	42	118	0.48	ug/l #	33
31) Cyclohexane	5.538	56	1054	1.20	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	3313	3.42	ug/l #	47
38) Carbon Tetrachloride	5.544	117	4197	4.42	ug/l #	12
51) 4-Methyl-2-Pentanone	8.647	43	610	0.58	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	24649	28.99	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	24649	74.59	ug/l #	11
88) 1,4-Dichlorobenzene	12.043	146	354	0.27	ug/l #	41
93) 1,2,4-Trichlorobenzene	13.591	180	274	0.36	ug/l #	68
95) Naphthalene	13.780	128	1482	0.54	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.975	180	263	0.34	ug/l #	61

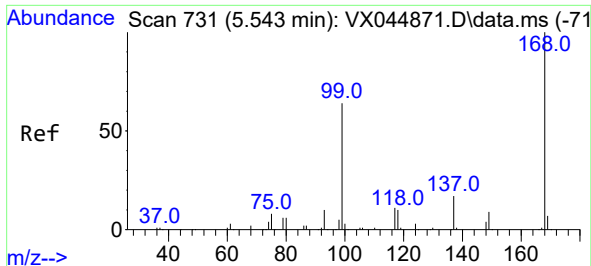
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
Data File : VX045062.D
Acq On : 27 Feb 2025 14:55
Operator : JC/MD
Sample : Q1403-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

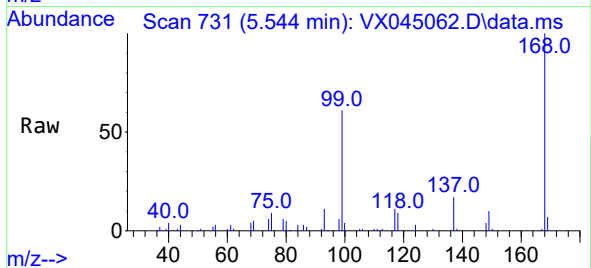
Quant Time: Feb 27 15:22:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



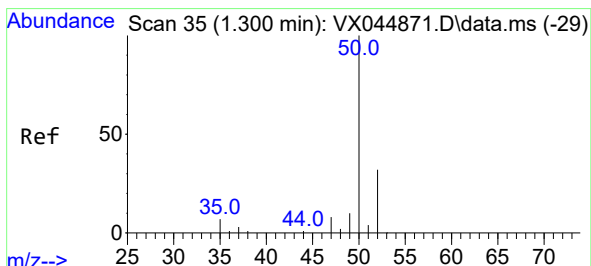
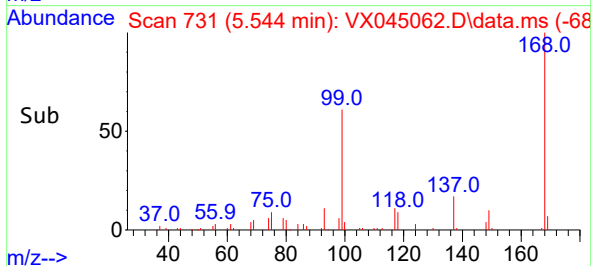
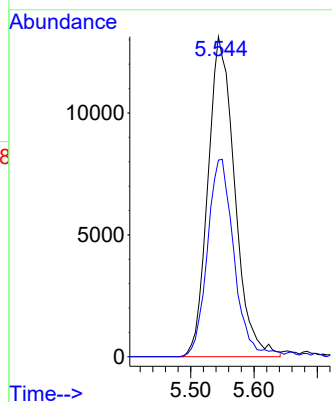


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :

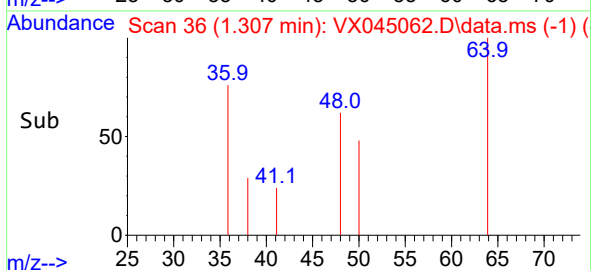
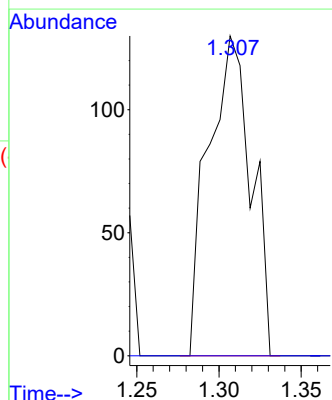
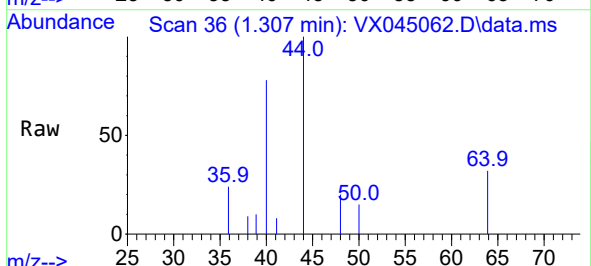


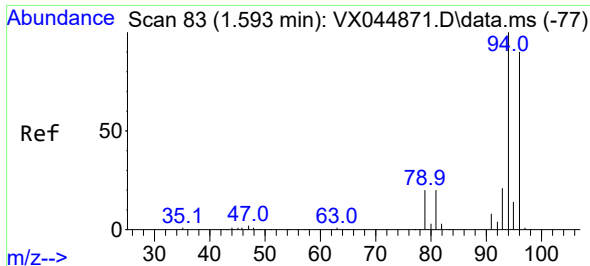
Tgt Ion:168 Resp: 38611
Ion Ratio Lower Upper
168 100
99 61.5 51.2 76.8



#3
Chloromethane
Concen: 0.36 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.007 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

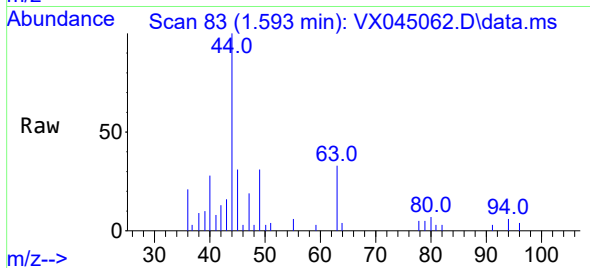
Tgt Ion: 50 Resp: 237
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#



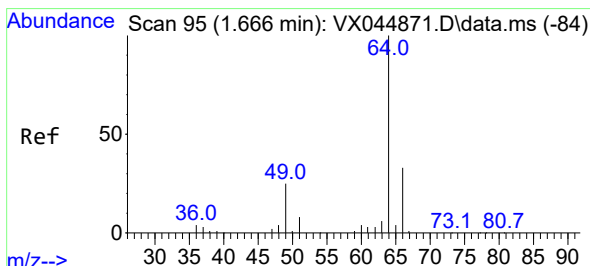
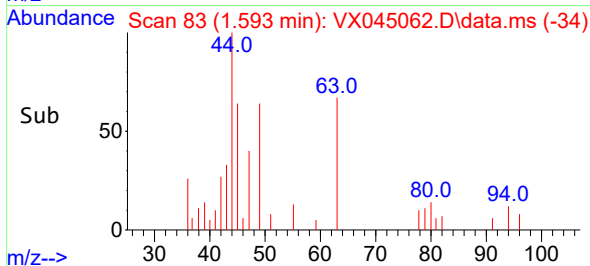
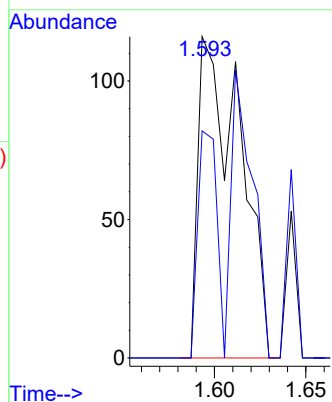


#5
Bromomethane
Concen: 0.96 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :

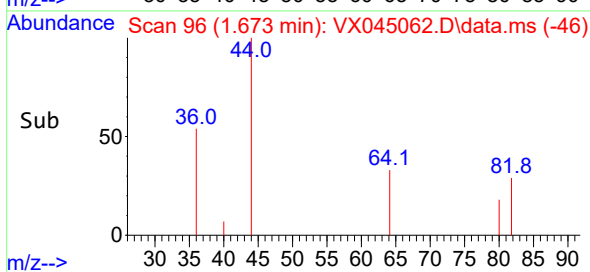
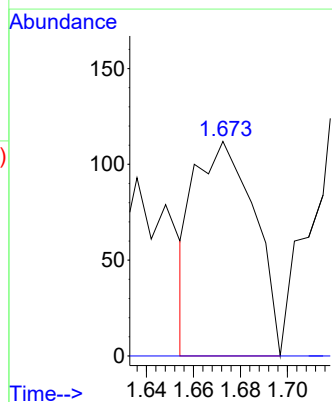
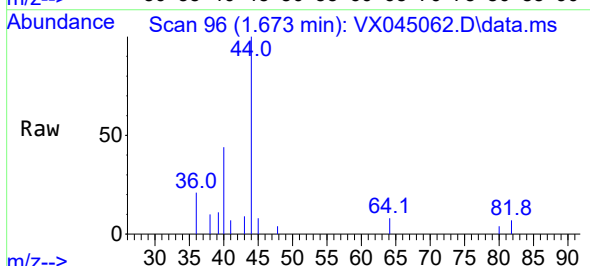


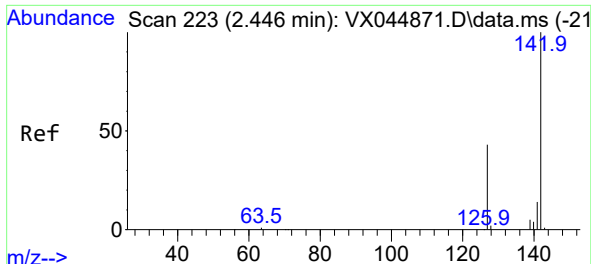
Tgt Ion: 94 Resp: 183
Ion Ratio Lower Upper
94 100
96 70.7 71.6 107.4#



#6
Chloroethane
Concen: 1.98 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.007 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

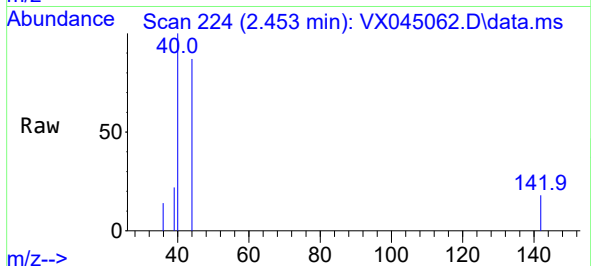
Tgt Ion: 64 Resp: 198
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



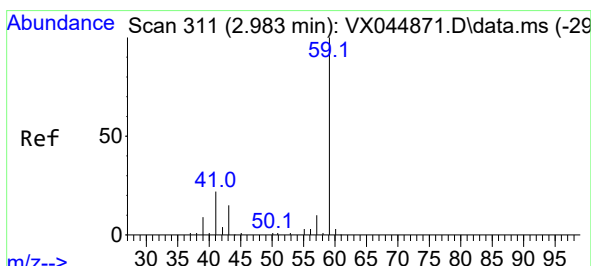
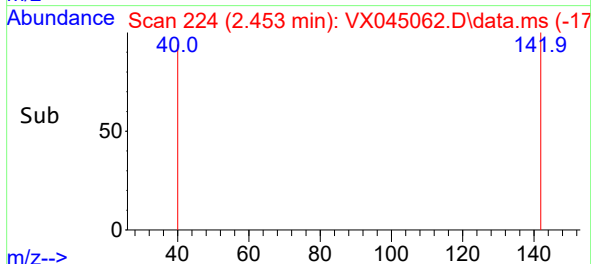
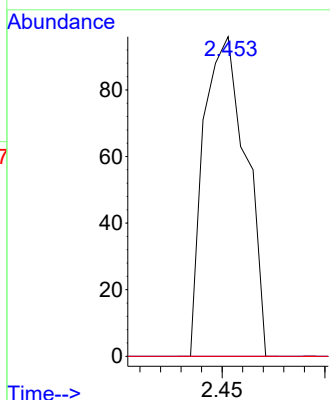


#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :

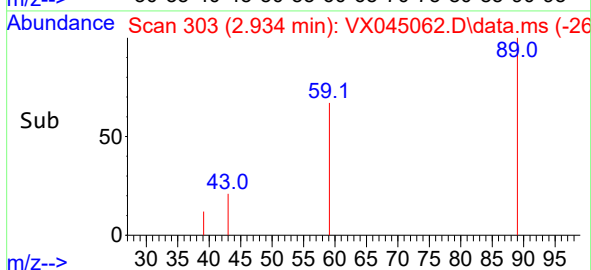
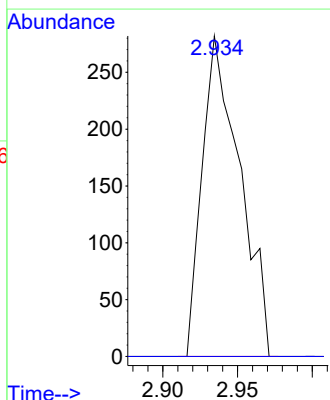
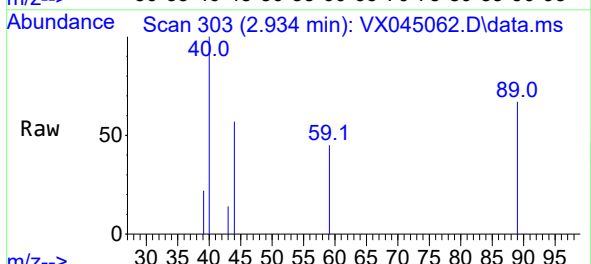


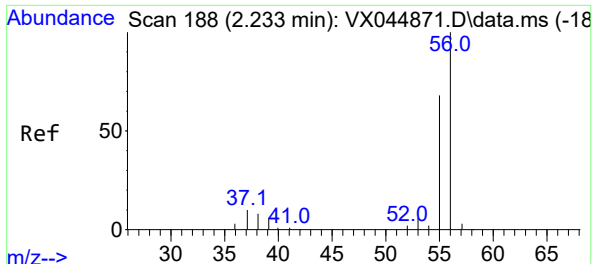
Tgt Ion:142 Resp: 137
Ion Ratio Lower Upper
142 100
127 0.0 34.3 51.5#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 4.70 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.048 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

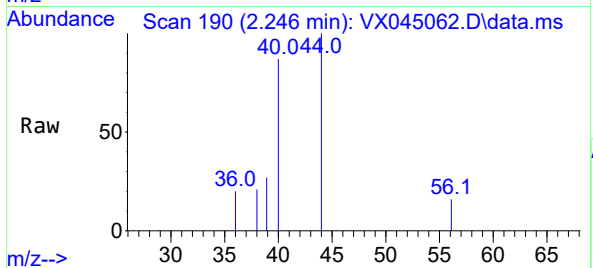
Tgt Ion: 59 Resp: 493
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



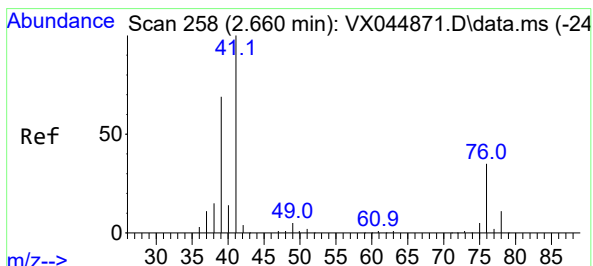
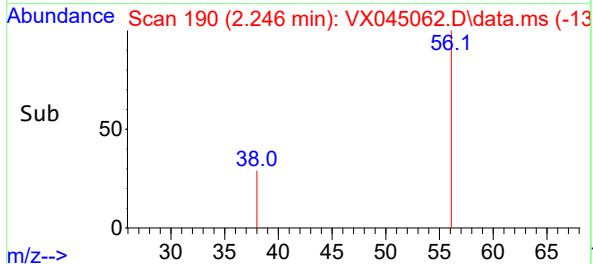
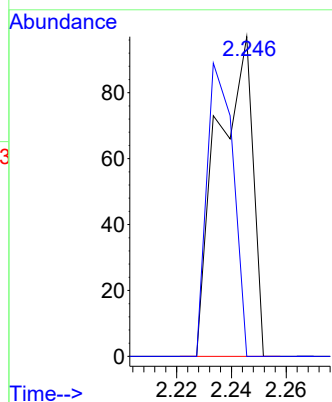


#13
Acrolein
Concen: 0.79 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.013 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :

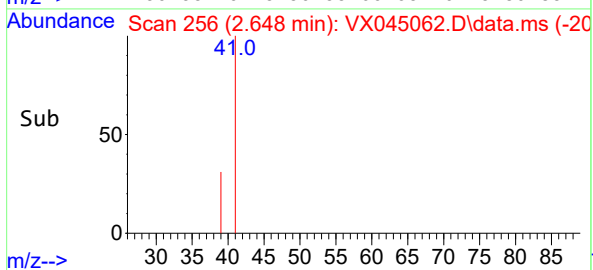
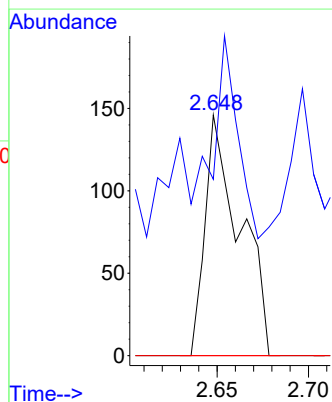
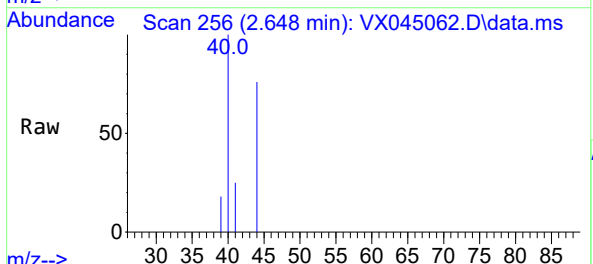


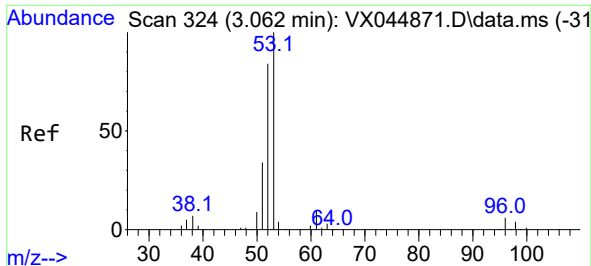
Tgt Ion: 56 Resp: 86
Ion Ratio Lower Upper
56 100
55 68.6 55.7 83.5



#14
Allyl chloride
Concen: 0.21 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.012 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

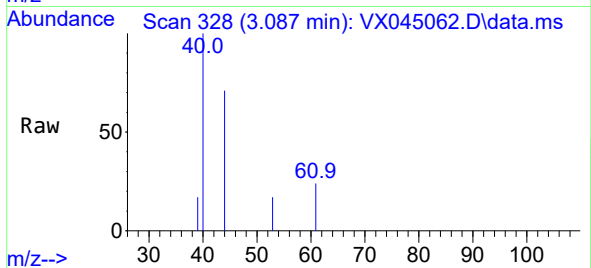
Tgt Ion: 41 Resp: 193
Ion Ratio Lower Upper
41 100
39 59.1 51.4 77.2
76 0.0 27.0 40.4#



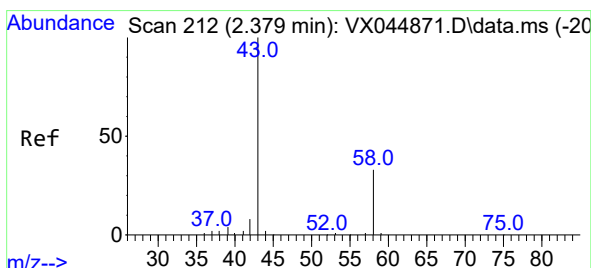
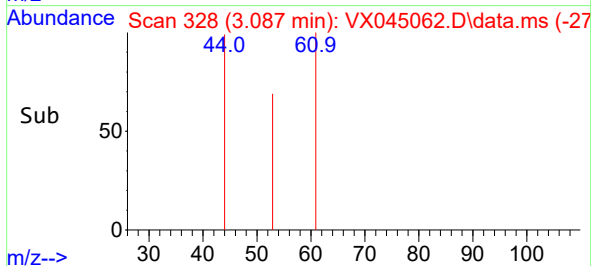
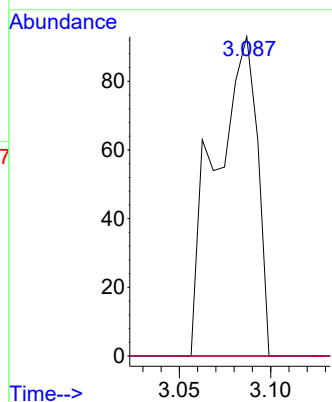


#15
Acrylonitrile
Concen: 0.53 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.025 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :

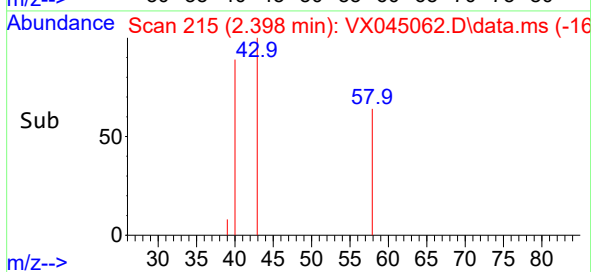
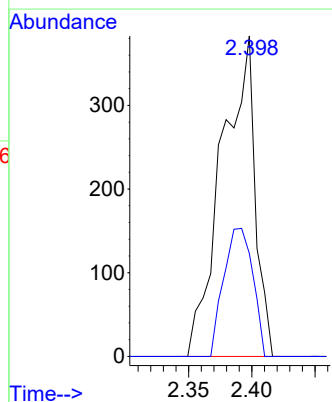
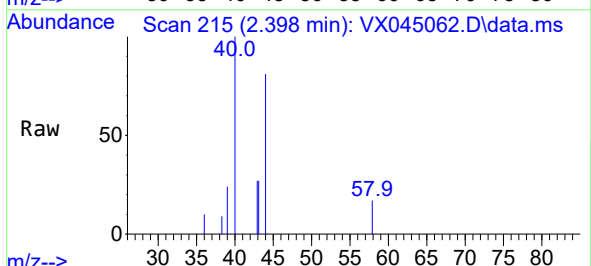


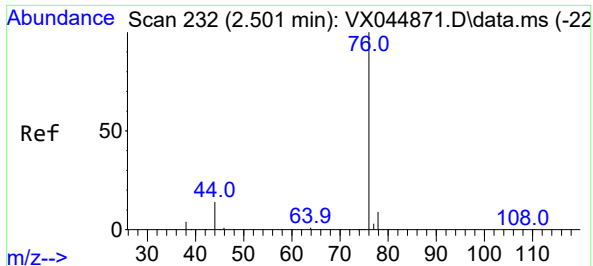
Tgt Ion: 53 Resp: 149
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.6#
51 0.0 28.0 42.0#



#16
Acetone
Concen: 3.10 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.019 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

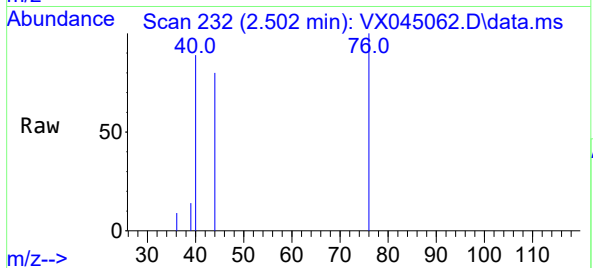
Tgt Ion: 43 Resp: 704
Ion Ratio Lower Upper
43 100
58 32.1 26.5 39.7



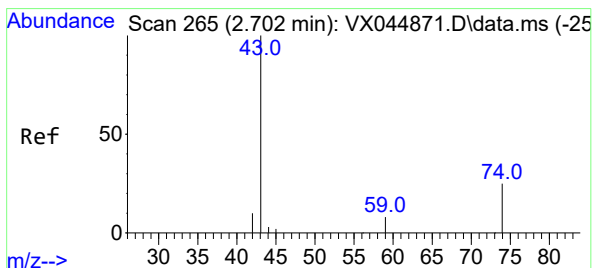
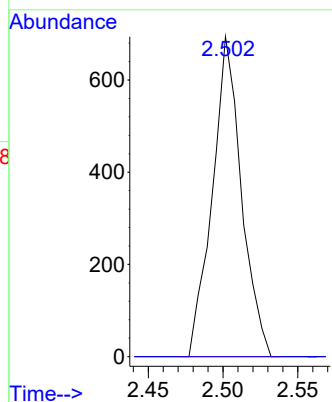


#17
Carbon Disulfide
Concen: 0.69 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :

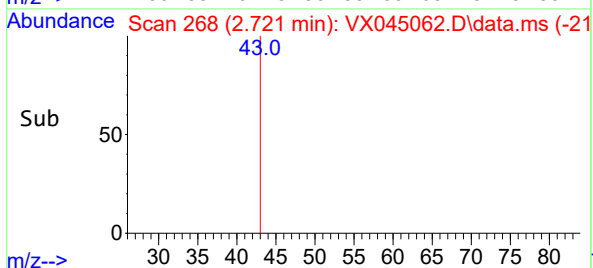
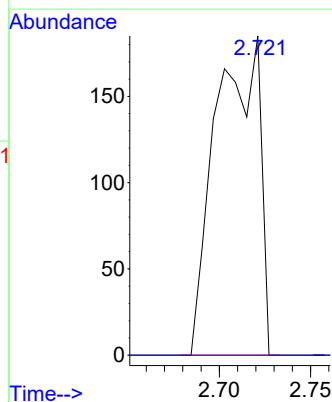
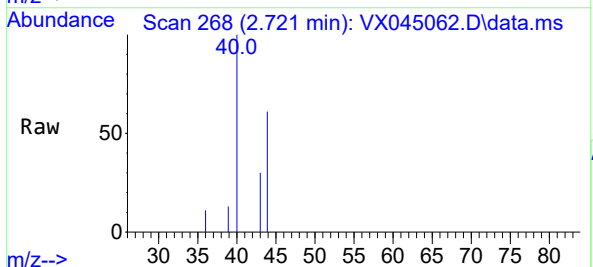


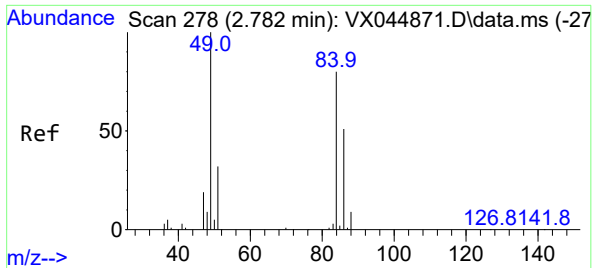
Tgt Ion: 76 Resp: 939
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#18
Methyl Acetate
Concen: 0.43 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.019 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

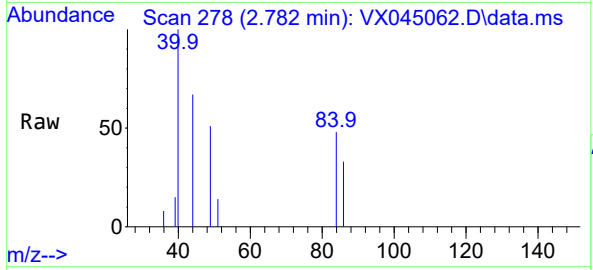
Tgt Ion: 43 Resp: 310
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#





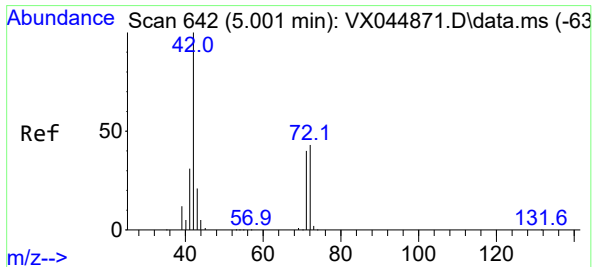
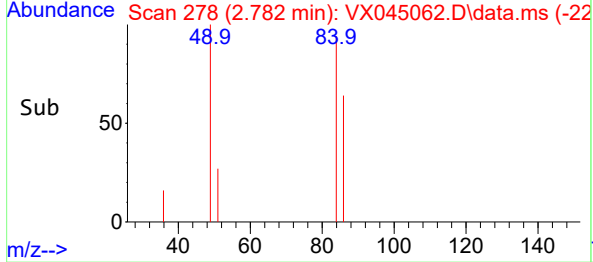
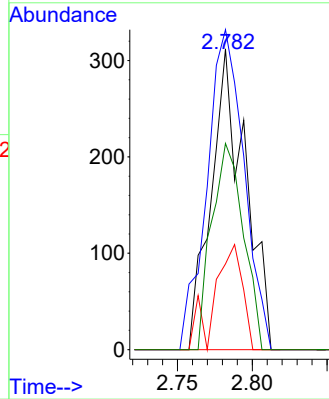
#20
Methylene Chloride
Concen: 0.90 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 499

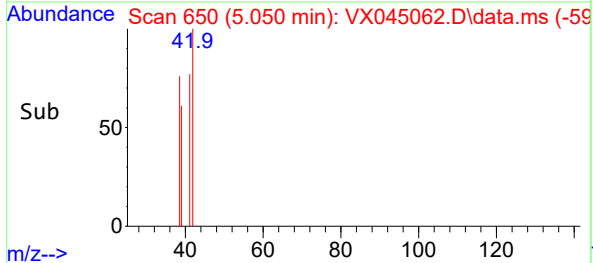
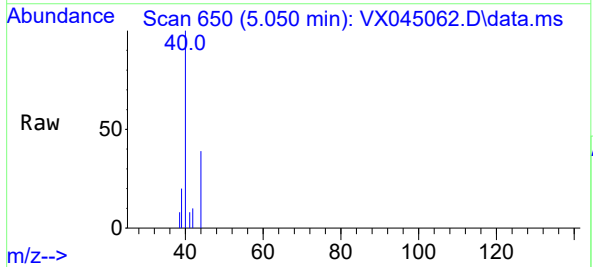
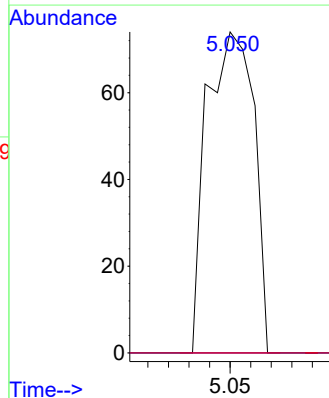
Ion	Ratio	Lower	Upper
84	100		
49	106.4	100.1	150.1
51	28.5	31.7	47.5#
86	68.6	50.8	76.2

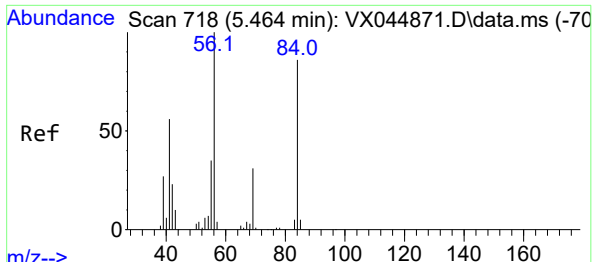


#29
Tetrahydrofuran
Concen: 0.48 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.049 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Tgt Ion: 42 Resp: 118

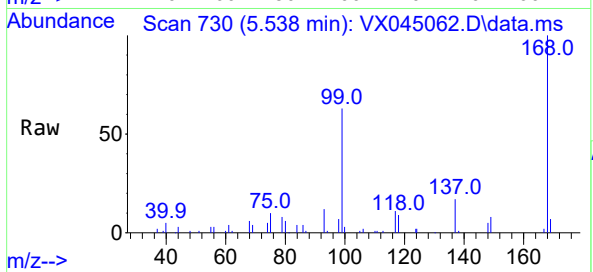
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.0	52.4#
71	0.0	32.6	48.8#



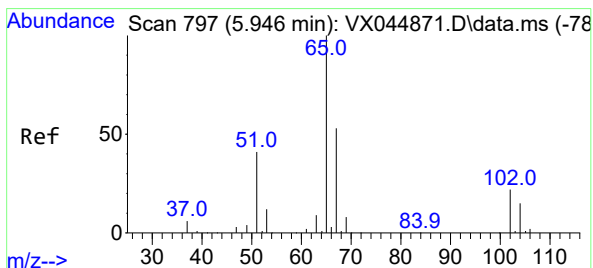
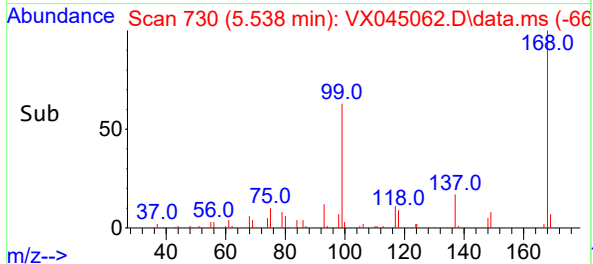
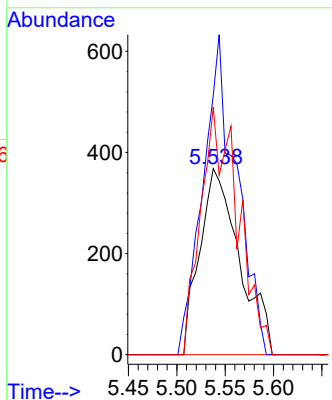


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.074 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :

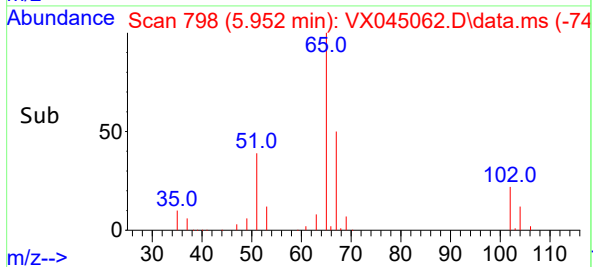
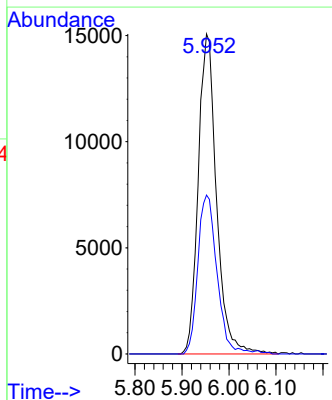
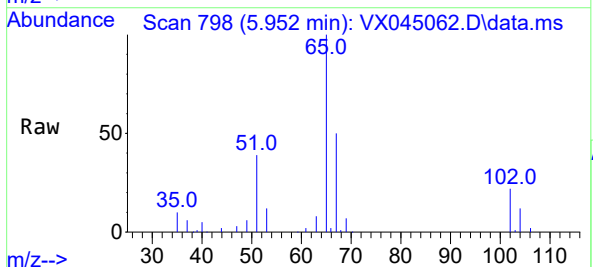


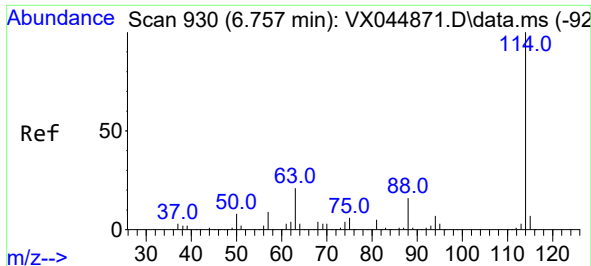
Tgt Ion: 56 Resp: 1054
Ion Ratio Lower Upper
56 100
69 139.1 24.4 36.6#
84 133.2 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 72.04 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.007 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Tgt Ion: 65 Resp: 40714
Ion Ratio Lower Upper
65 100
67 51.8 0.0 108.2

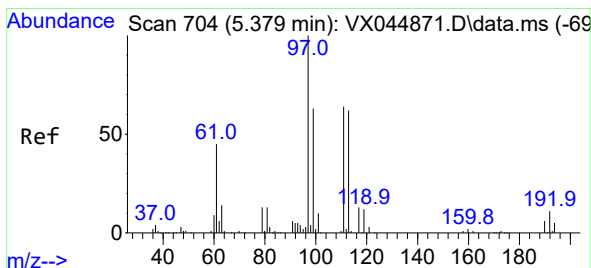
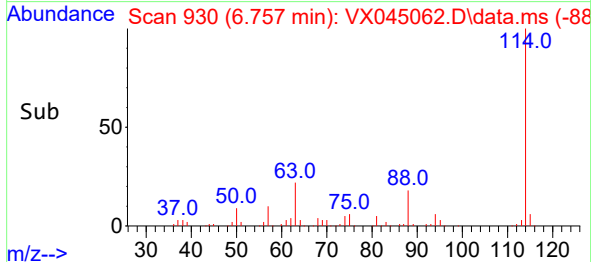
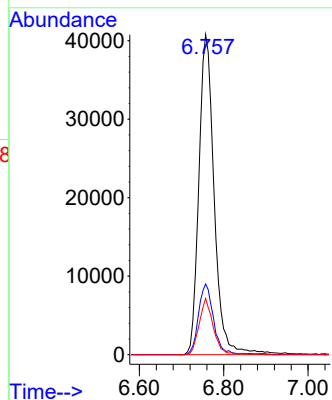
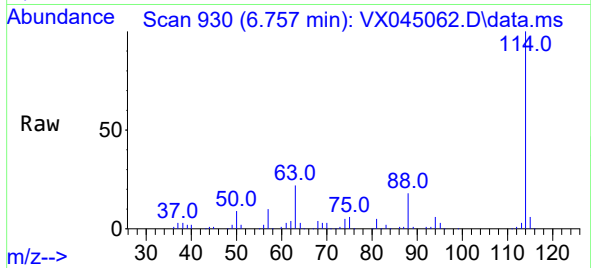




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

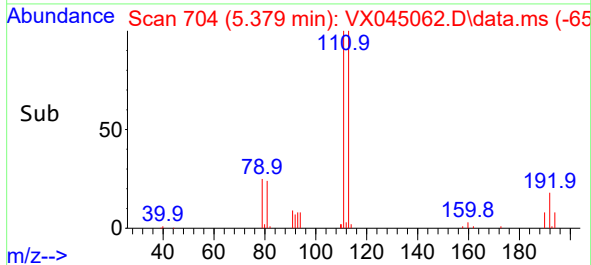
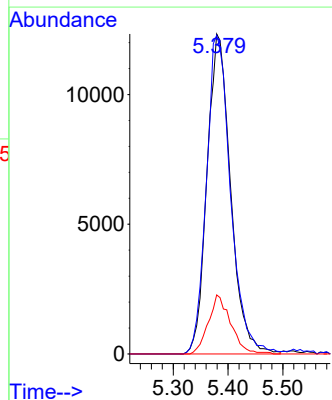
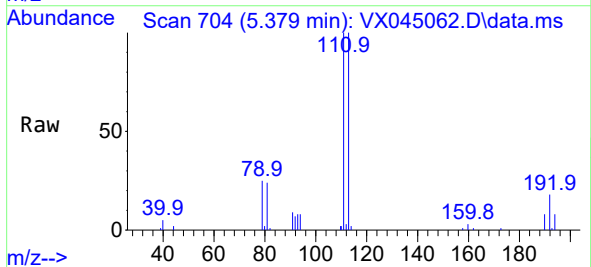
Instrument :
MSVOA_X
ClientSampleId :

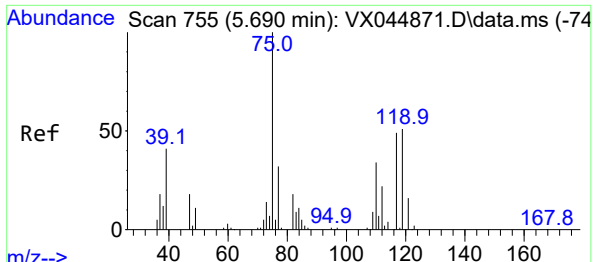
Tgt Ion:114 Resp: 103235
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.4
88 17.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.86 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

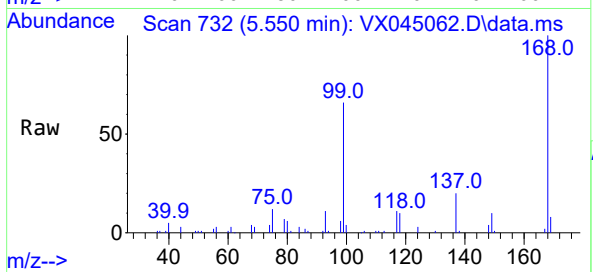
Tgt Ion:113 Resp: 36825
Ion Ratio Lower Upper
113 100
111 102.0 83.5 125.3
192 17.6 14.4 21.6



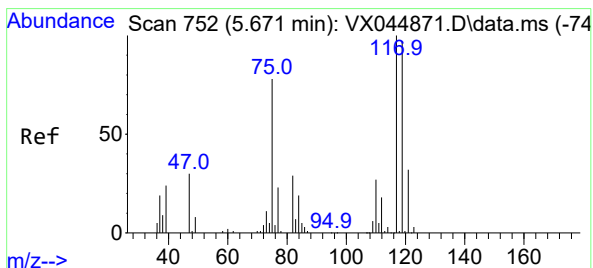
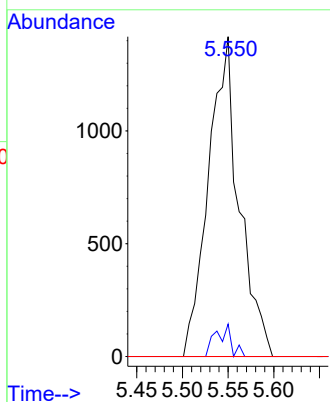
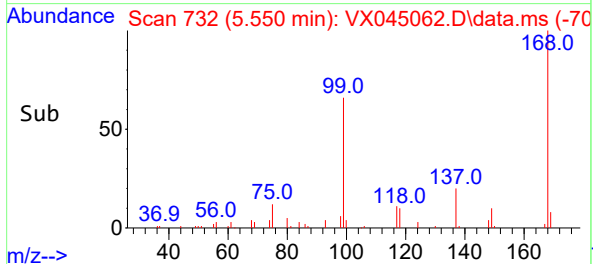


#36
1,1-Dichloropropene
Concen: 3.42 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :

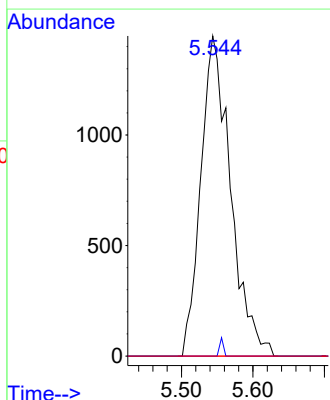
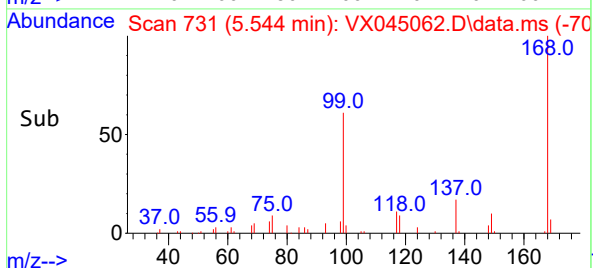
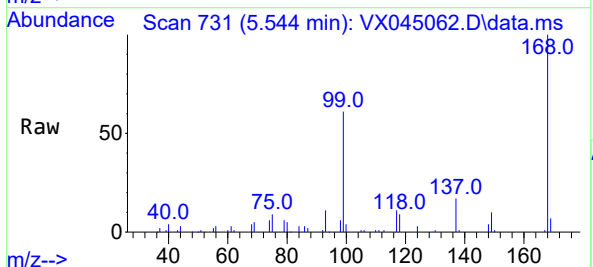


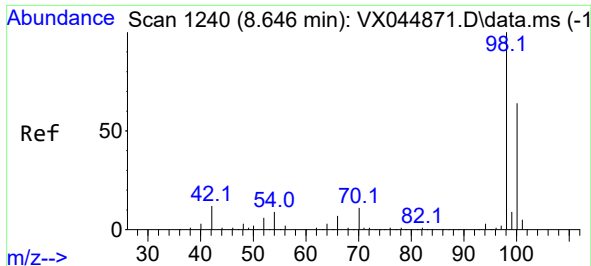
Tgt Ion: 75 Resp: 3313
Ion Ratio Lower Upper
75 100
110 5.1 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 4.42 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Tgt Ion: 117 Resp: 4197
Ion Ratio Lower Upper
117 100
119 0.0 77.5 116.3#
121 0.0 25.6 38.4#

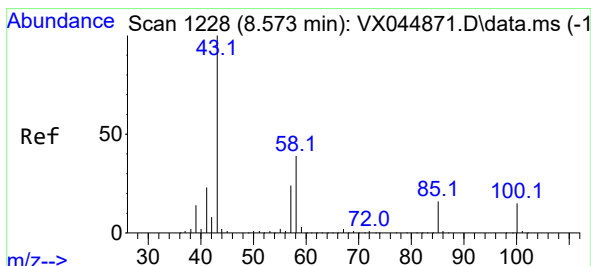
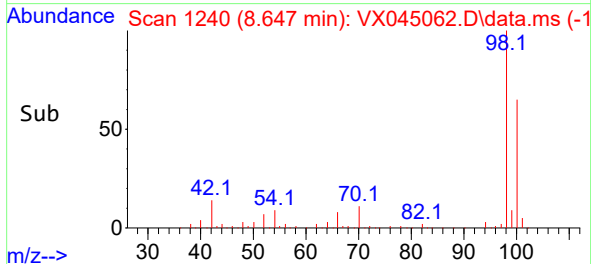
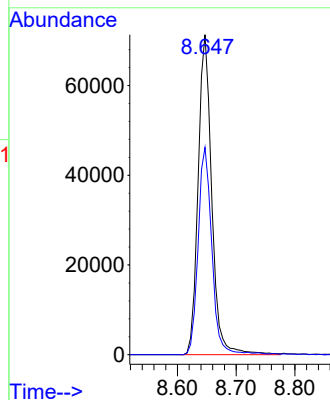
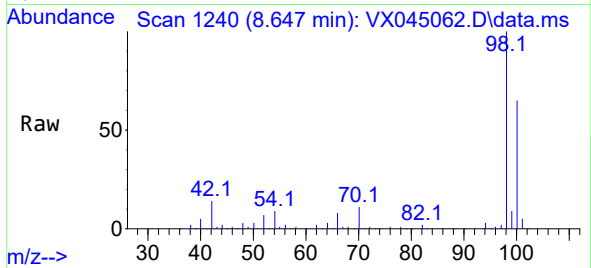




#50
Toluene-d8
Concen: 45.35 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

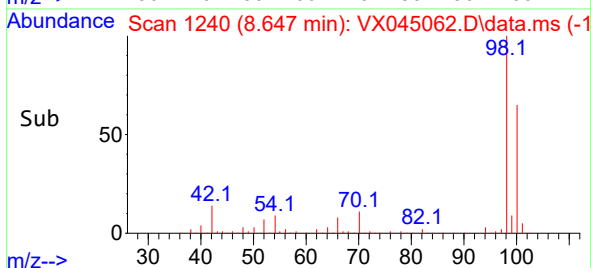
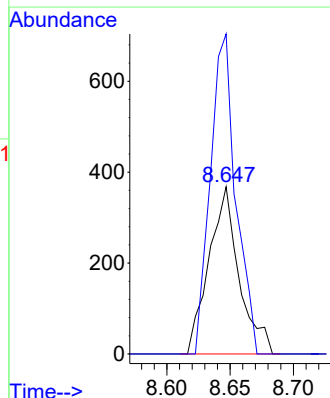
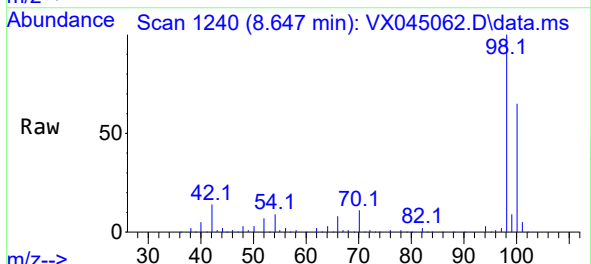
Instrument :
MSVOA_X
ClientSampleId :

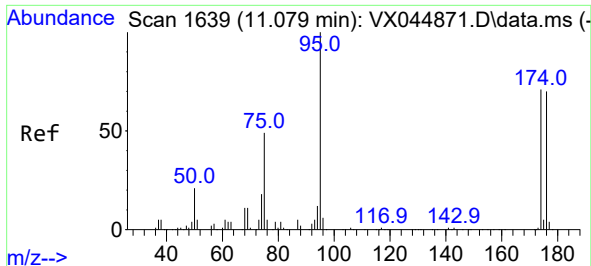
Tgt Ion: 98 Resp: 115112
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
58 161.5 30.8 46.2#

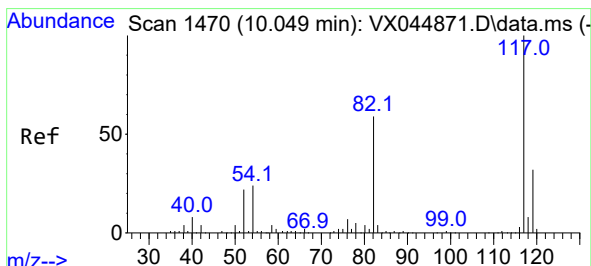
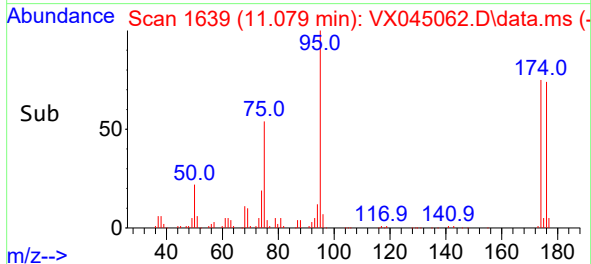
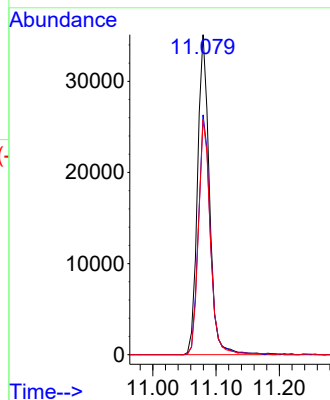
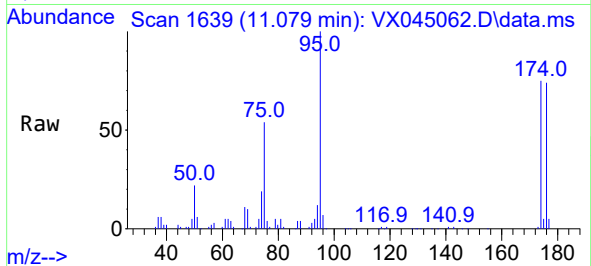




#62
4-Bromofluorobenzene
Concen: 53.70 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

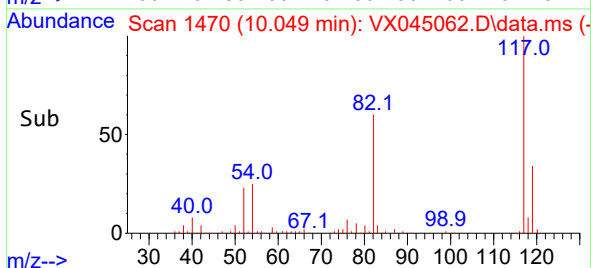
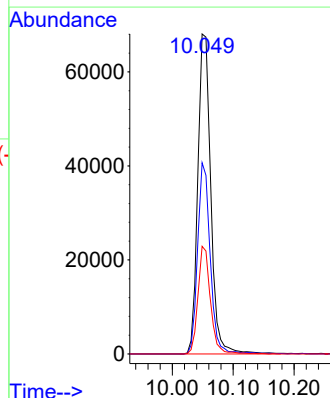
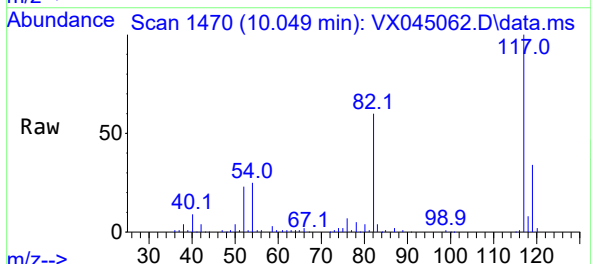
Instrument :
MSVOA_X
ClientSampleId :

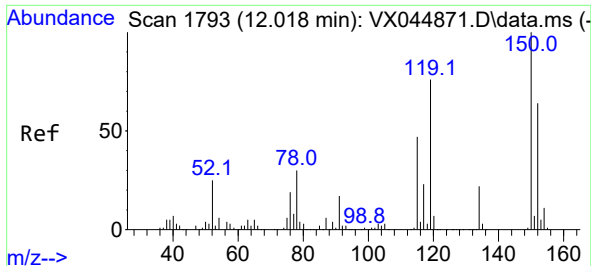
Tgt Ion: 95 Resp: 45952
Ion Ratio Lower Upper
95 100
174 75.1 0.0 142.6
176 73.4 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

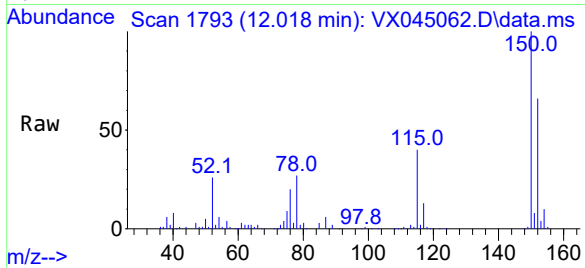
Tgt Ion: 117 Resp: 100796
Ion Ratio Lower Upper
117 100
82 59.8 47.5 71.3
119 33.7 25.4 38.0



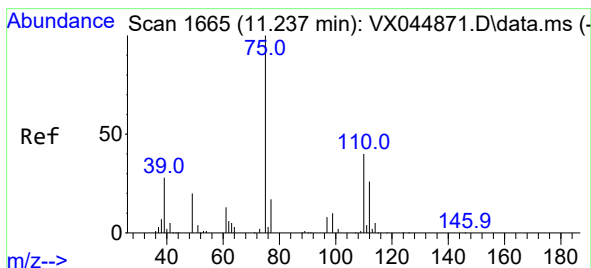
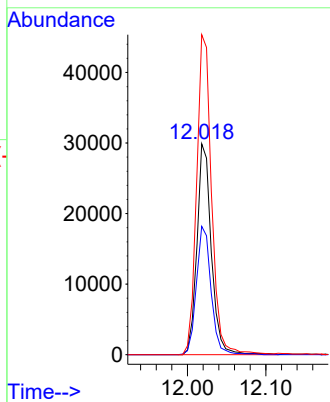
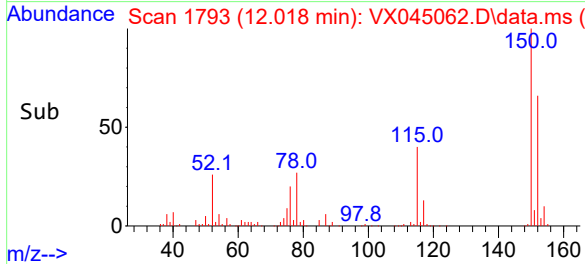


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :

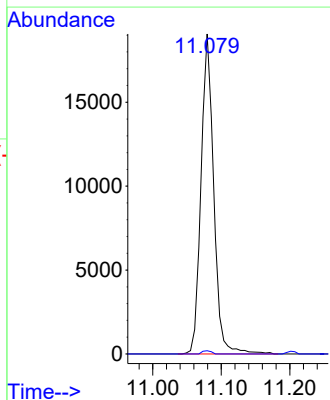
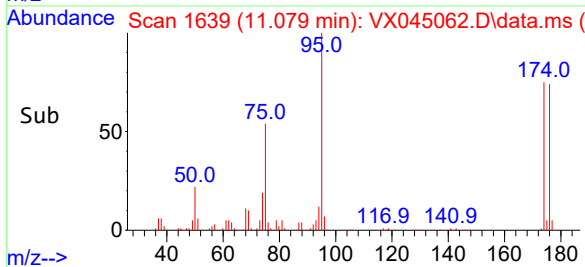
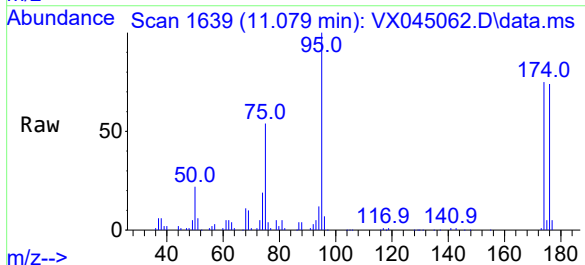


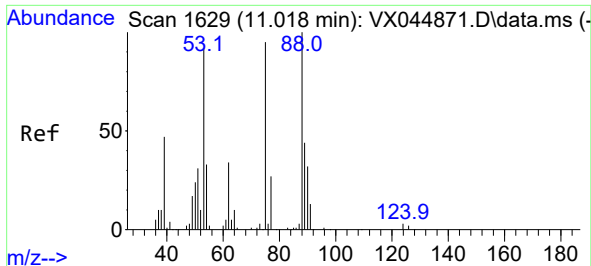
Tgt Ion:152 Resp: 38343
Ion Ratio Lower Upper
152 100
115 61.9 43.4 130.1
150 156.8 0.0 350.4



#76
1,2,3-Trichloropropane
Concen: 28.99 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

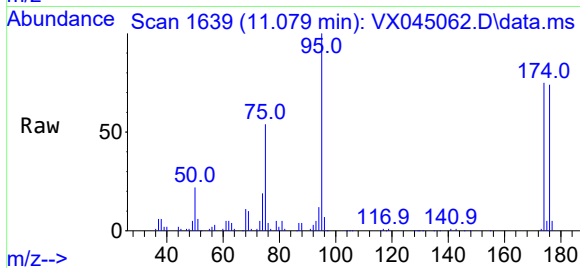
Tgt Ion: 75 Resp: 24649
Ion Ratio Lower Upper
75 100
77 0.7 21.9 65.7#



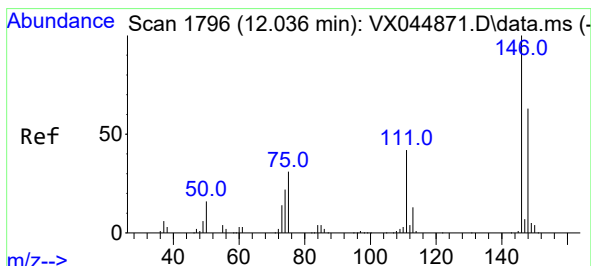
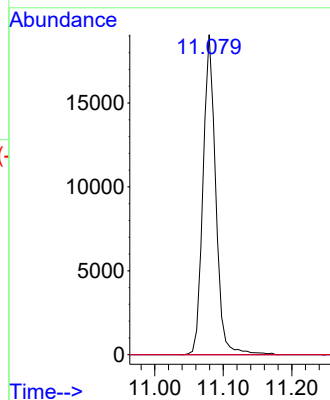
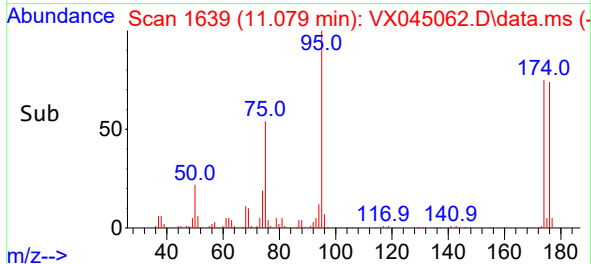


#81
trans-1,4-Dichloro-2-butene
Concen: 74.59 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

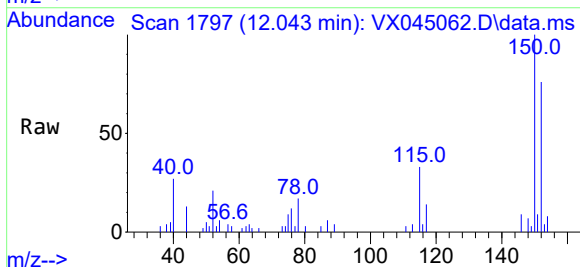
Instrument :
MSVOA_X
ClientSampleId :



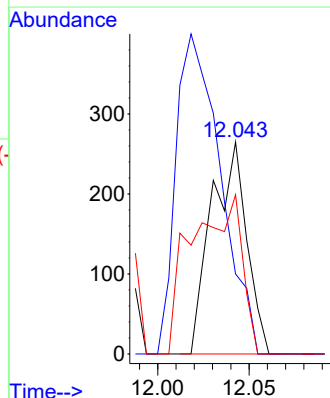
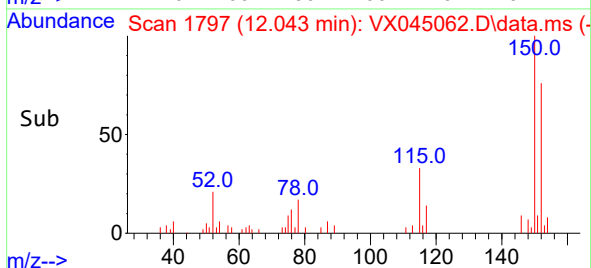
Tgt Ion: 75 Resp: 24649
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

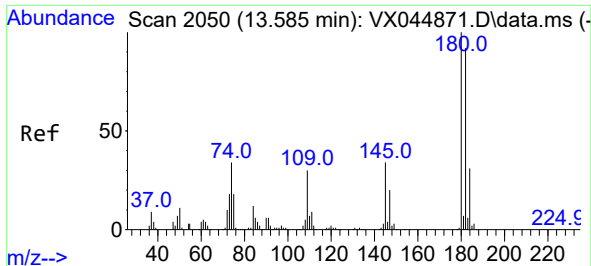


#88
1,4-Dichlorobenzene
Concen: 0.27 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.007 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55



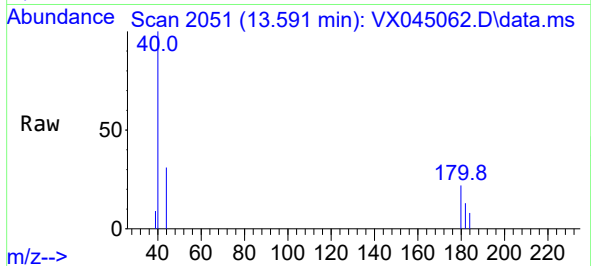
Tgt Ion: 146 Resp: 354
Ion Ratio Lower Upper
146 100
111 0.0 20.4 61.3#
148 107.1 32.0 96.0#



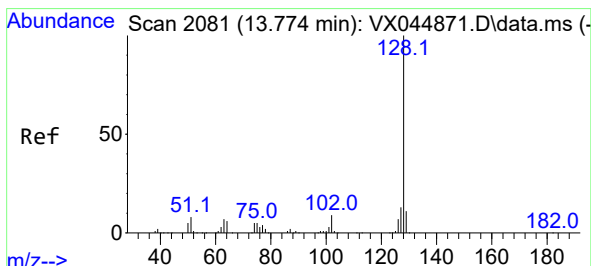
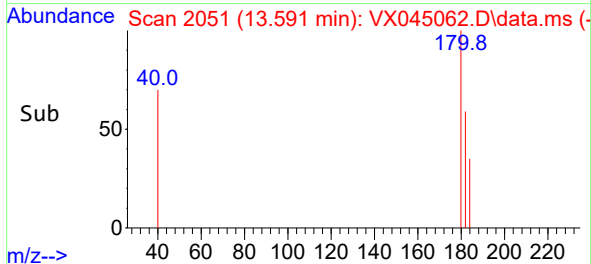
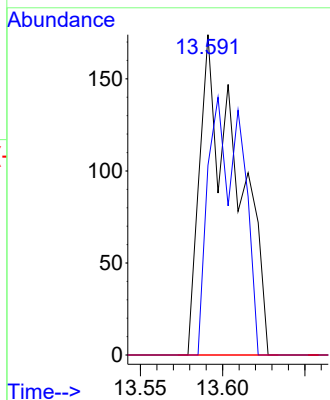


#93
1,2,4-Trichlorobenzene
Concen: 0.36 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.007 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :

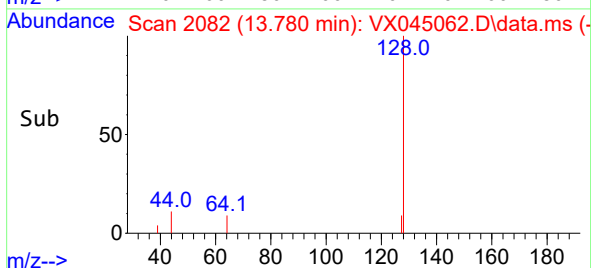
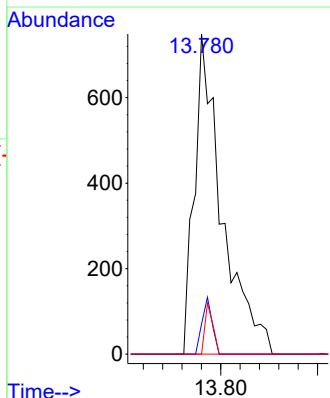
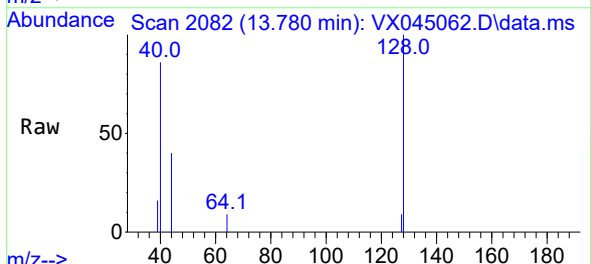


Tgt Ion:180 Resp: 274
Ion Ratio Lower Upper
180 100
182 72.6 47.6 142.8
145 0.0 16.4 49.1#

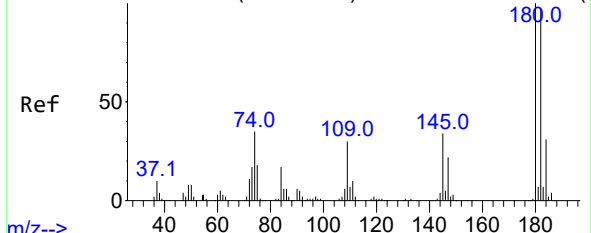


#95
Naphthalene
Concen: 0.54 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.007 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

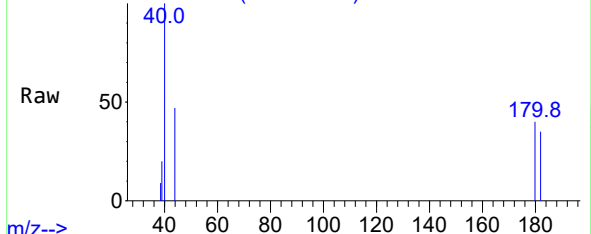
Tgt Ion:128 Resp: 1482
Ion Ratio Lower Upper
128 100
127 6.5 10.1 15.1#
129 4.6 8.9 13.3#



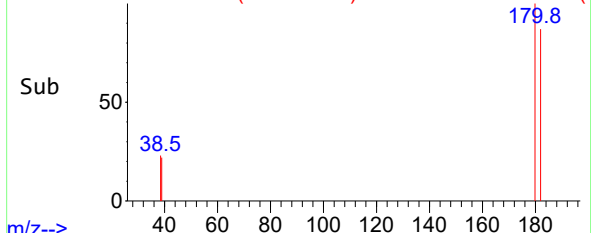
Abundance Scan 2111 (13.956 min): VX044871.D\data.ms (-



Abundance Scan 2114 (13.975 min): VX045062.D\data.ms (-



Abundance Scan 2114 (13.975 min): VX045062.D\data.ms (-



#96
1,2,3-Trichlorobenzene
Concen: 0.34 ug/l
RT: 13.975 min Scan# 21
Delta R.T. 0.019 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 263
Ion Ratio Lower Upper
180 100
182 126.6 47.9 143.6
145 0.0 17.1 51.3#

