

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045058.D
 Acq On : 27 Feb 2025 13:01
 Operator : JC/MD
 Sample : VX0227MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 27 13:27:21 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)

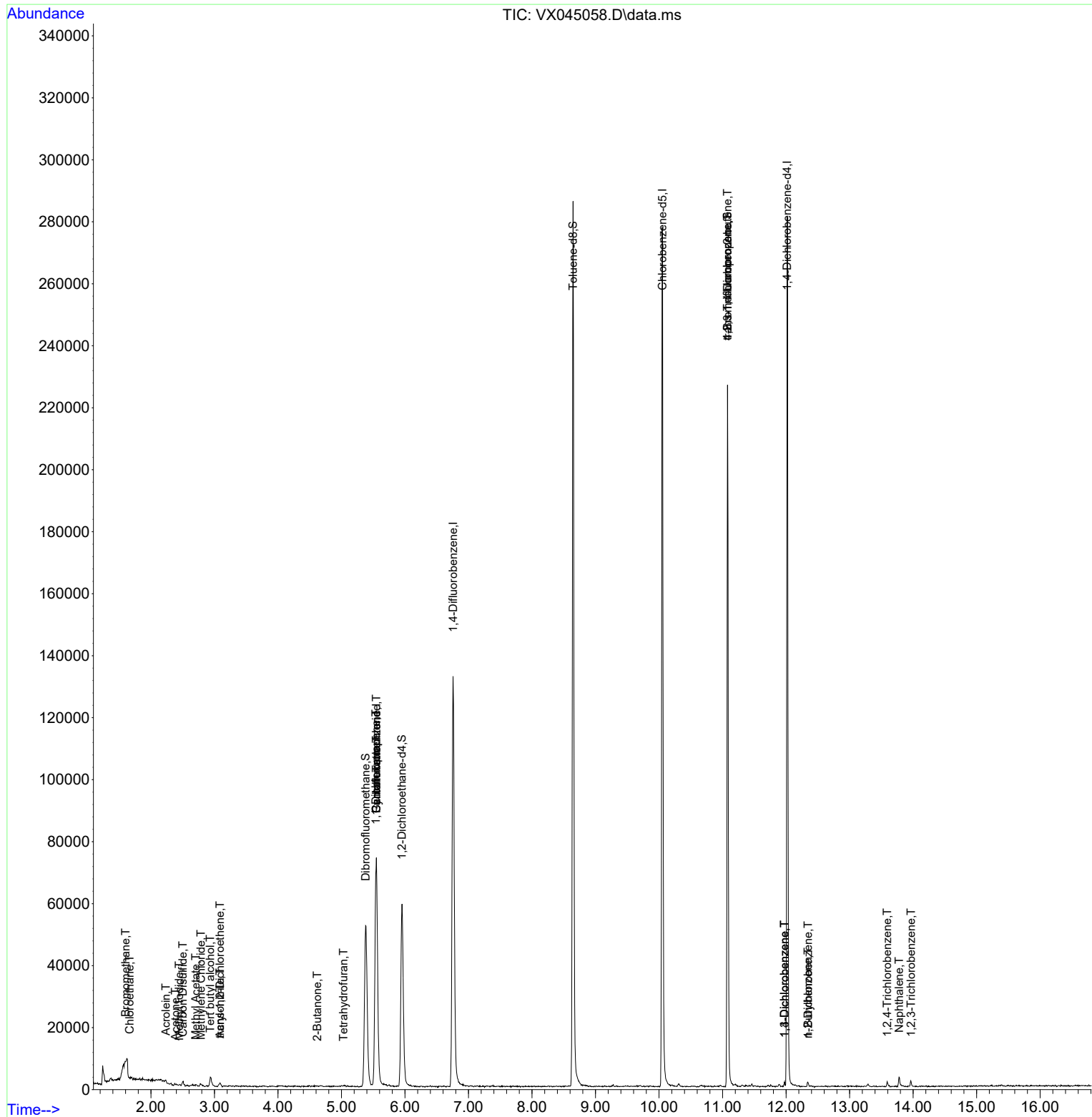
Internal Standards						
1) Pentafluorobenzene	5.550	168	70688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134879	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55984	54.10	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.20%			
35) Dibromofluoromethane	5.379	113	46773	53.34	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.68%			
50) Toluene-d8	8.647	98	168228	50.73	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.46%			
62) 4-Bromofluorobenzene	11.079	95	59920	53.60	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.20%			
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	209	0.60	ug/l #	57
6) Chloroethane	1.666	64	98	1.51	ug/l #	42
10) Methyl Iodide	2.447	142	292	0.25	ug/l #	79
11) Tert butyl alcohol	2.934	59	1781	9.28	ug/l #	73
13) Acrolein	2.233	56	346	1.75	ug/l #	53
15) Acrylonitrile	3.087	53	425	0.83	ug/l #	81
16) Acetone	2.386	43	461	1.11	ug/l #	42
17) Carbon Disulfide	2.502	76	1876	0.75	ug/l #	94
18) Methyl Acetate	2.703	43	499	0.38	ug/l #	78
20) Methylene Chloride	2.788	84	391	0.38	ug/l #	74
21) trans-1,2-Dichloroethene	3.087	96	319	0.36	ug/l #	71
25) 2-Butanone	4.617	43	140	0.21	ug/l #	48
29) Tetrahydrofuran	5.032	42	252	0.56	ug/l #	33
31) Cyclohexane	5.550	56	1776	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6260	4.95	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7534	6.08	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	31646	26.31	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	31646	67.68	ug/l #	11
87) 1,3-Dichlorobenzene	11.975	146	477	0.26	ug/l	96
88) 1,4-Dichlorobenzene	11.975	146	477	0.26	ug/l	95
89) n-Butylbenzene	12.347	91	692	0.22	ug/l #	81
91) 1,2-Dichlorobenzene	12.347	146	371	0.21	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	662	0.61	ug/l	91
95) Naphthalene	13.780	128	2891	0.74	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	499	0.46	ug/l	81

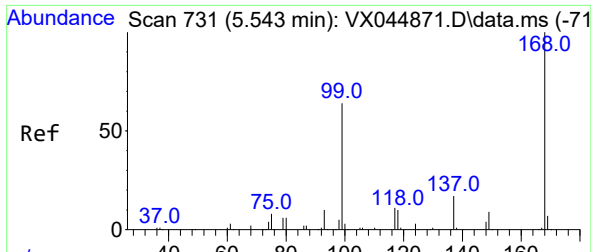
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
Data File : VX045058.D
Acq On : 27 Feb 2025 13:01
Operator : JC/MD
Sample : VX0227MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

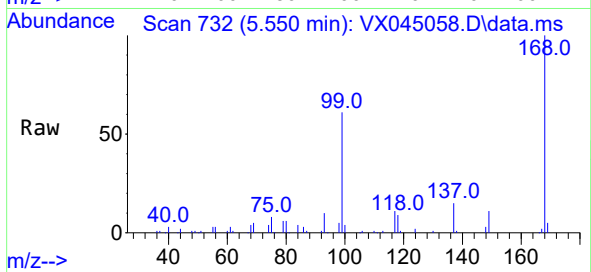
Quant Time: Feb 27 13:27:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



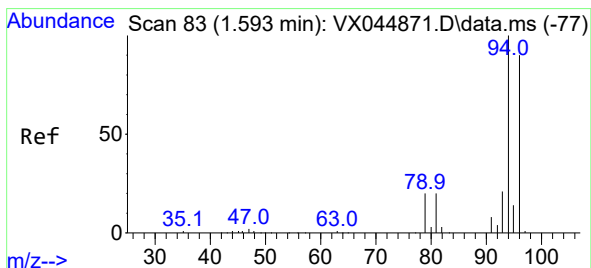
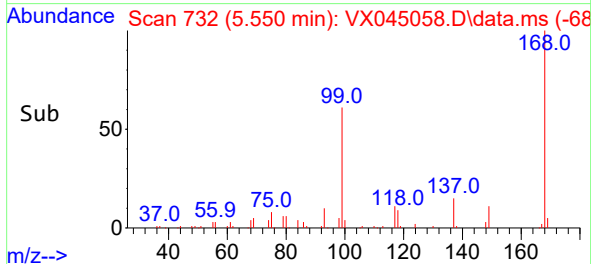
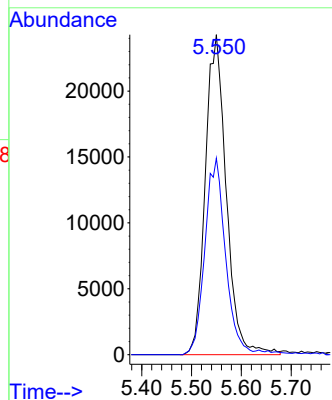


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :

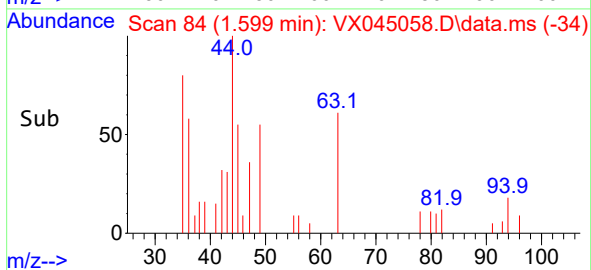
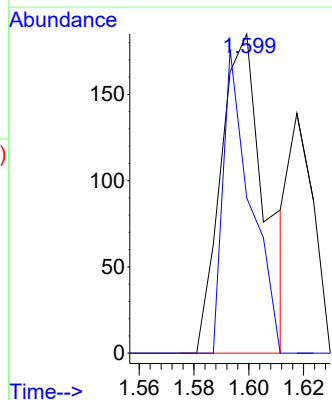
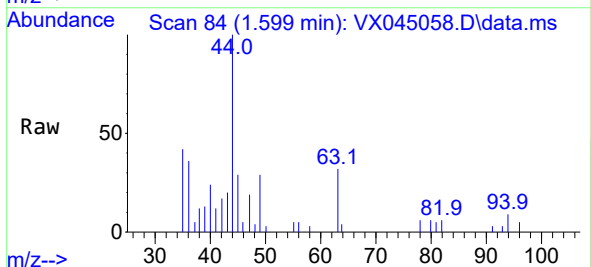


Tgt Ion:168 Resp: 70688
Ion Ratio Lower Upper
168 100
99 61.4 51.2 76.8

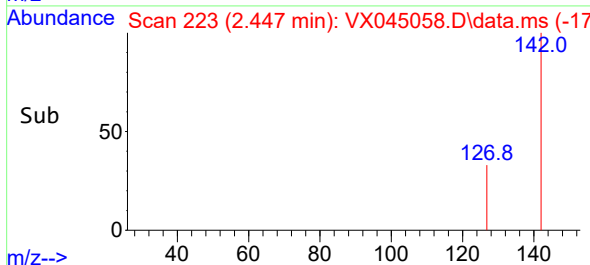
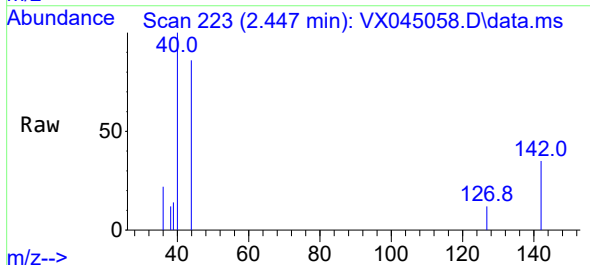
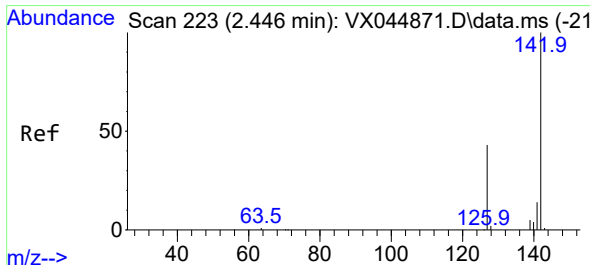
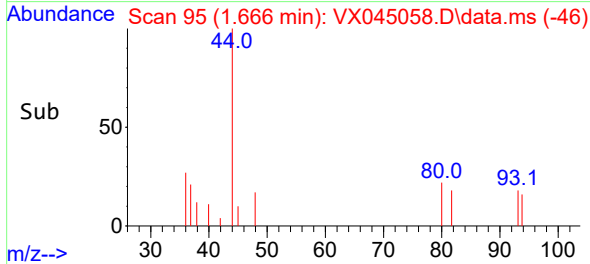
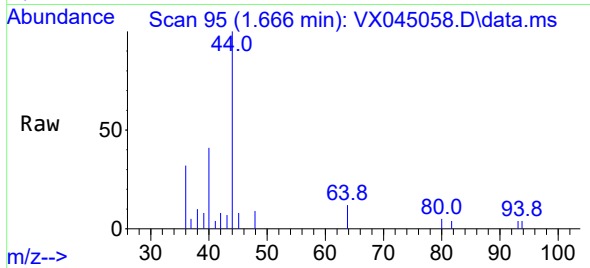
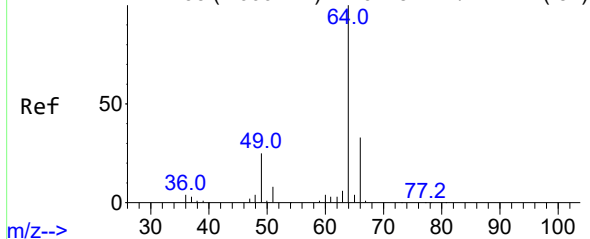


#5
Bromomethane
Concen: 0.60 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Tgt Ion: 94 Resp: 209
Ion Ratio Lower Upper
94 100
96 48.6 71.6 107.4#



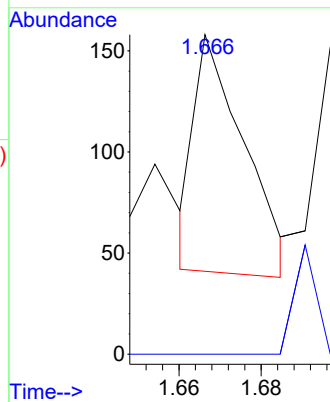
Abundance Scan 95 (1.666 min): VX044871.D\data.ms (-84)



#6
Chloroethane
Concen: 1.51 ug/l
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

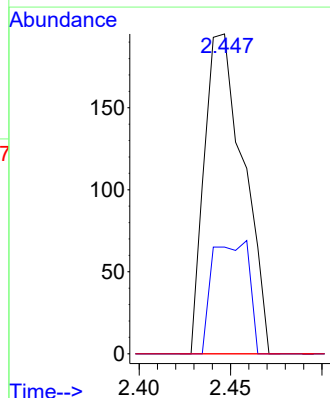
Instrument :
MSVOA_X
ClientSampleId :

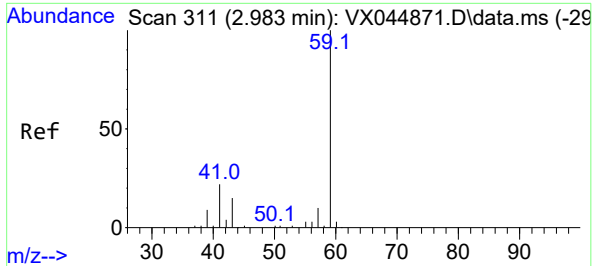
Tgt Ion: 64 Resp: 98
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#10
Methyl Iodide
Concen: 0.25 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Tgt Ion:142 Resp: 292
Ion Ratio Lower Upper
142 100
127 32.9 34.3 51.5#
141 0.0 11.4 17.2#

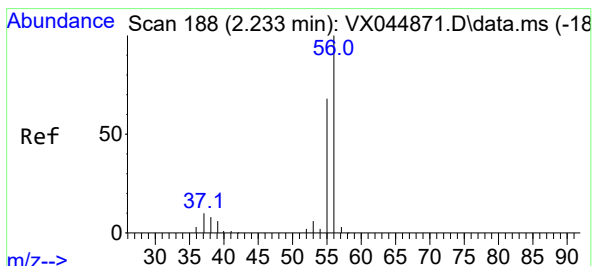
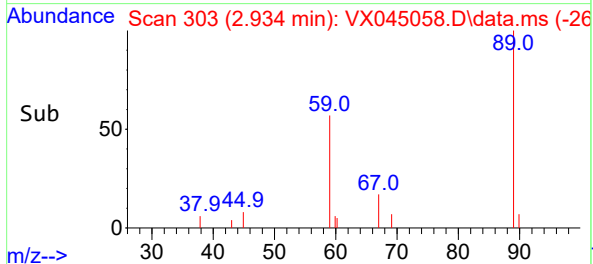
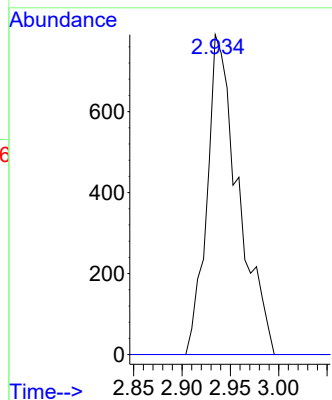
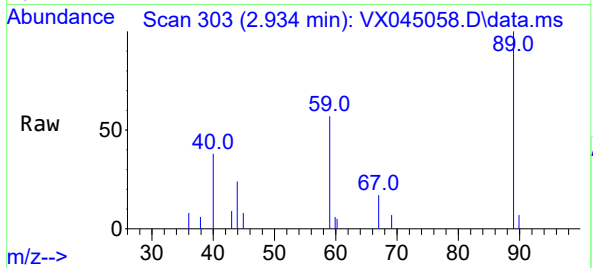




#11
Tert butyl alcohol
Concen: 9.28 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.048 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

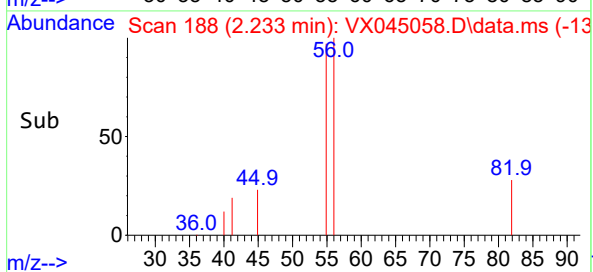
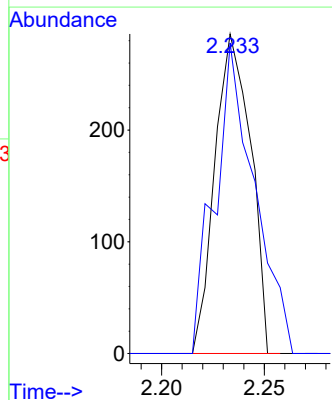
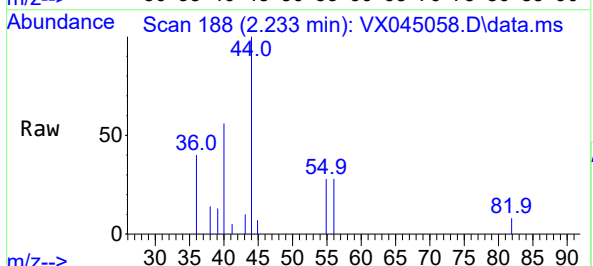
Instrument :
MSVOA_X
ClientSampleId :

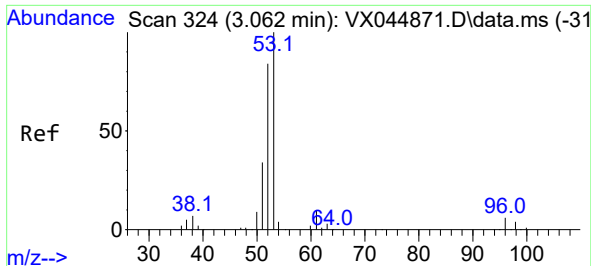
Tgt Ion: 59 Resp: 1781
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 1.75 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

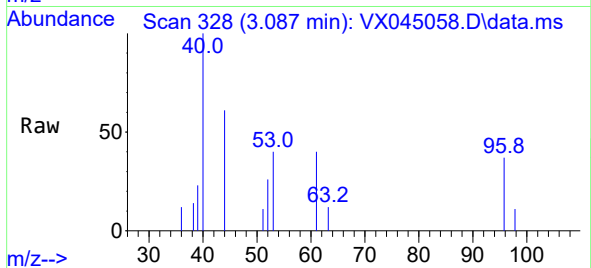
Tgt Ion: 56 Resp: 346
Ion Ratio Lower Upper
56 100
55 107.8 55.7 83.5#



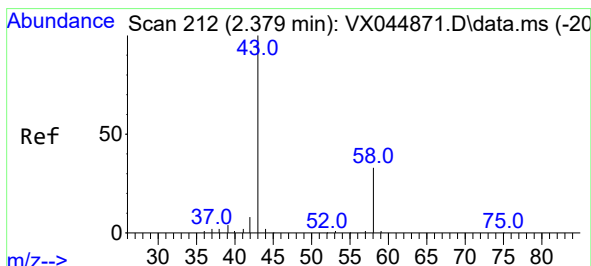
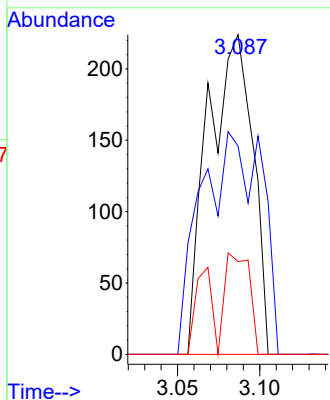
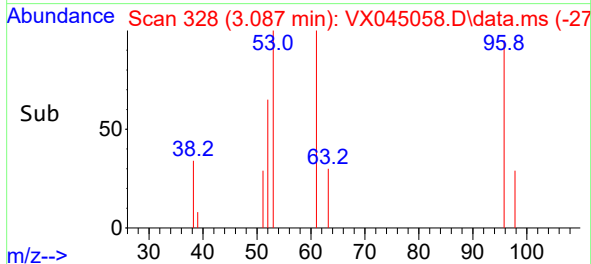


#15
Acrylonitrile
Concen: 0.83 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.025 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :

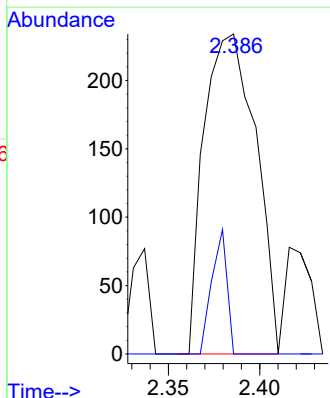
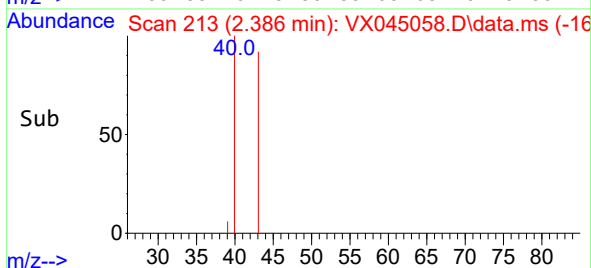
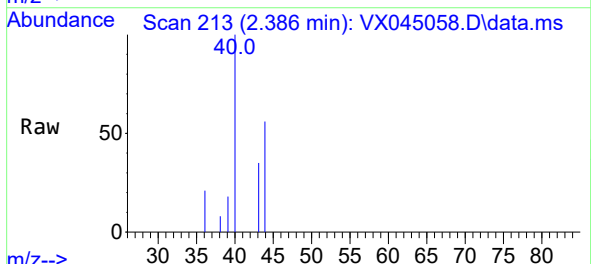


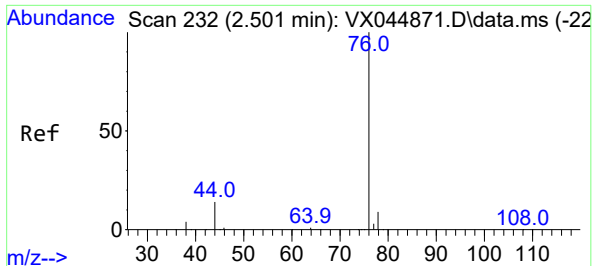
Tgt Ion: 53 Resp: 425
Ion Ratio Lower Upper
53 100
52 93.6 65.0 97.6
51 17.4 28.0 42.0#



#16
Acetone
Concen: 1.11 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

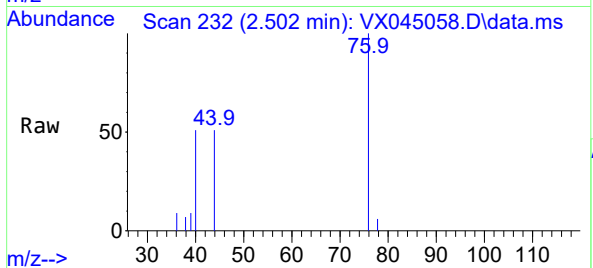
Tgt Ion: 43 Resp: 461
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#



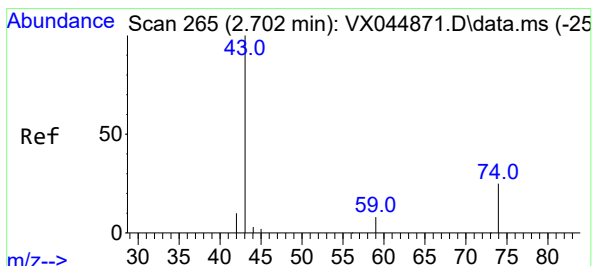
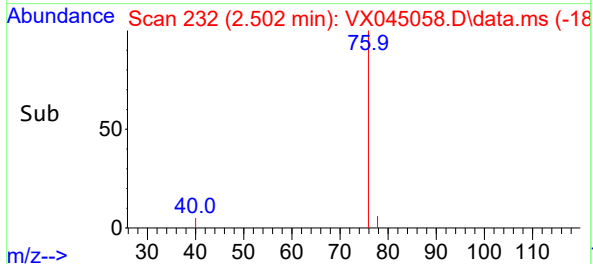
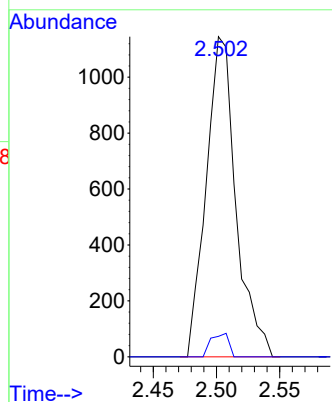


#17
Carbon Disulfide
Concen: 0.75 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :

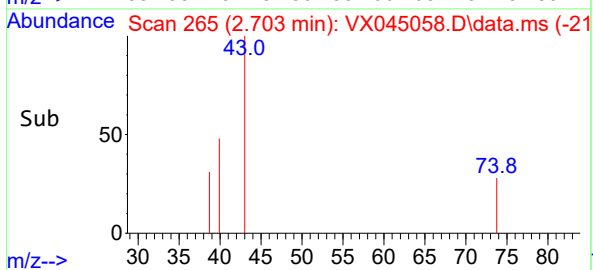
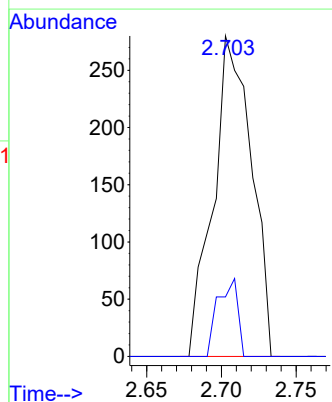
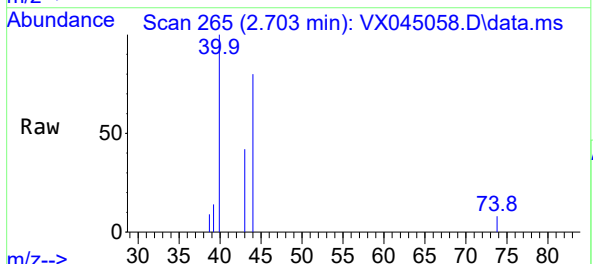


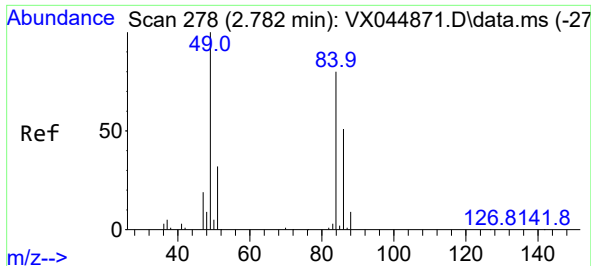
Tgt Ion: 76 Resp: 1876
Ion Ratio Lower Upper
76 100
78 6.4 7.0 10.4#



#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

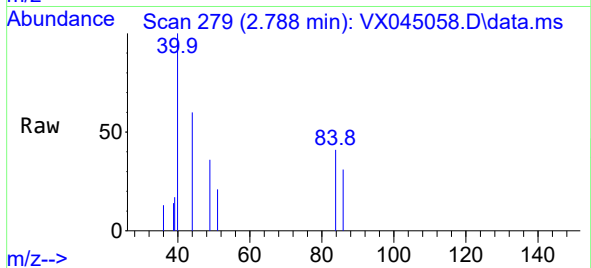
Tgt Ion: 43 Resp: 499
Ion Ratio Lower Upper
43 100
74 12.6 18.9 28.3#





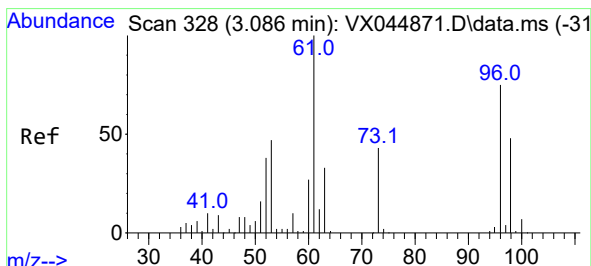
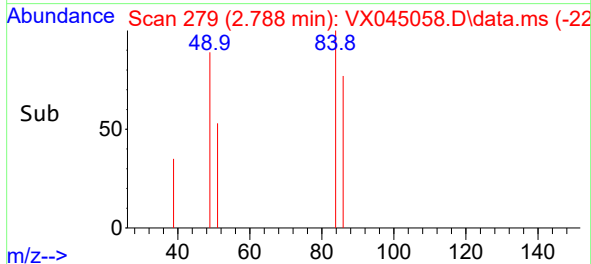
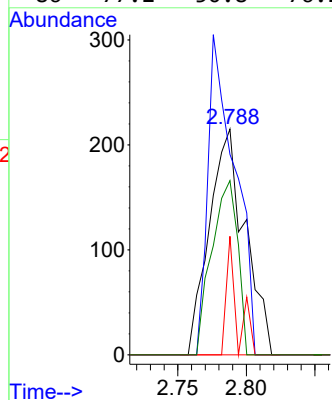
#20
Methylene Chloride
Concen: 0.38 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 391

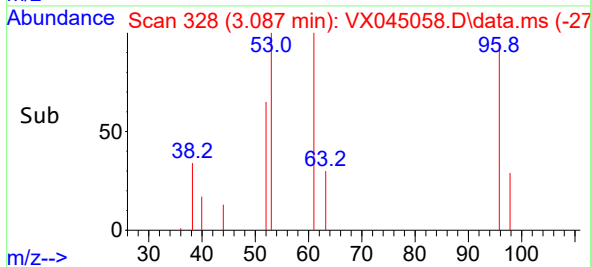
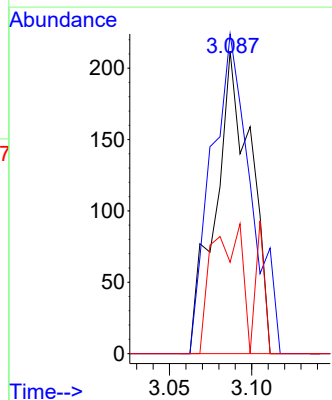
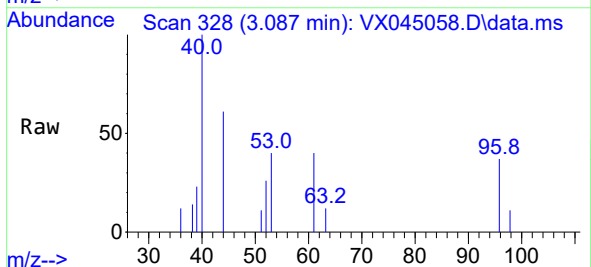
Ion	Ratio	Lower	Upper
84	100		
49	88.8	100.1	150.1#
51	52.6	31.7	47.5#
86	77.2	50.8	76.2#

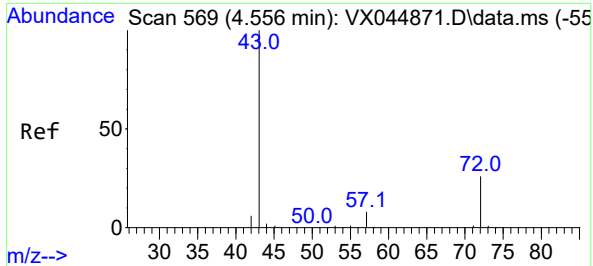


#21
trans-1,2-Dichloroethene
Concen: 0.36 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Tgt Ion: 96 Resp: 319

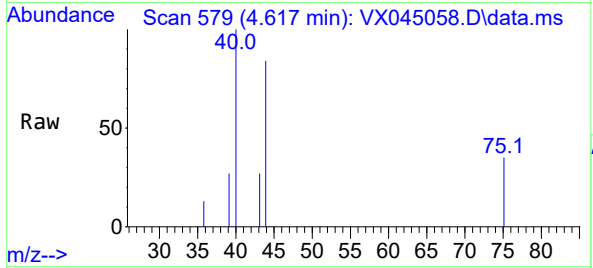
Ion	Ratio	Lower	Upper
96	100		
61	105.7	106.0	159.0#
98	30.2	50.6	76.0#



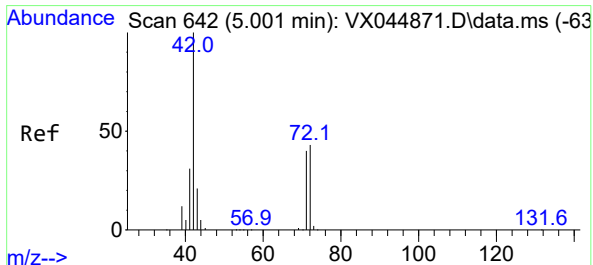
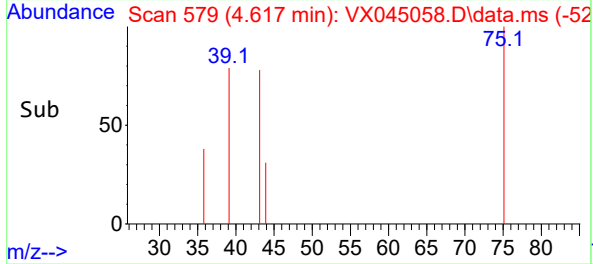
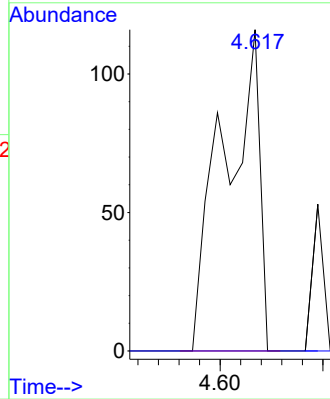


#25
2-Butanone
Concen: 0.21 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.061 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :

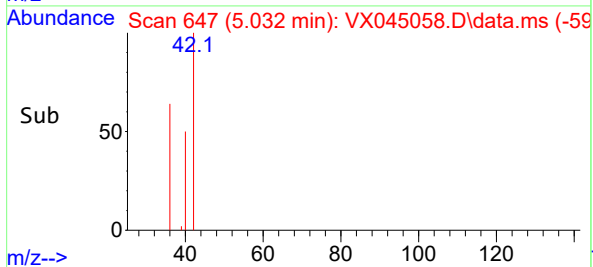
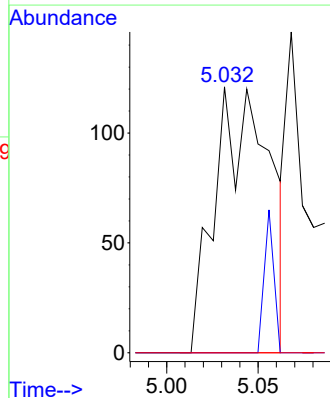
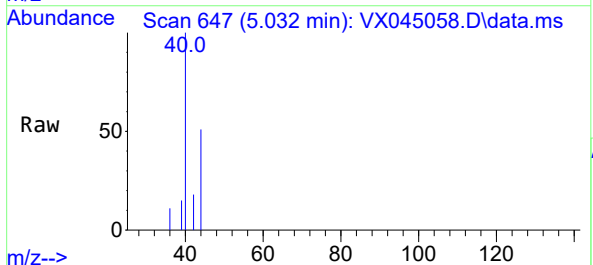


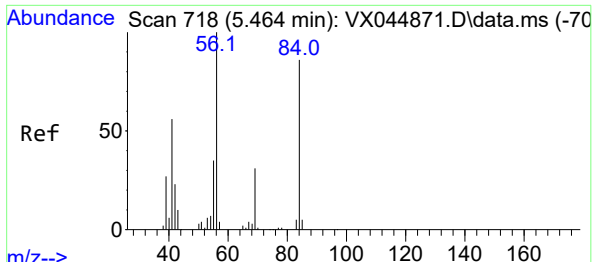
Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#29
Tetrahydrofuran
Concen: 0.56 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.031 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

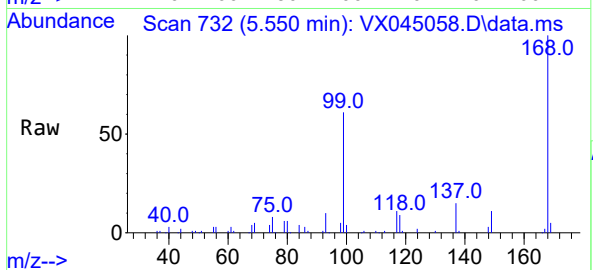
Tgt Ion: 42 Resp: 252
Ion Ratio Lower Upper
42 100
72 0.0 35.0 52.4#
71 0.0 32.6 48.8#



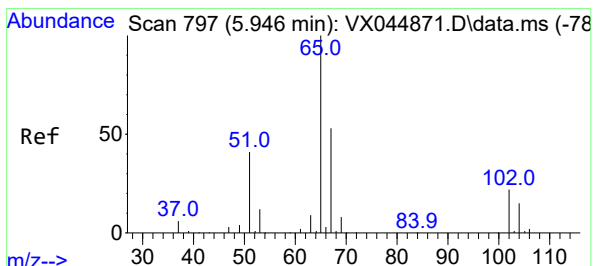
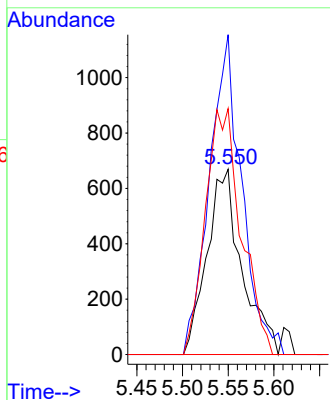
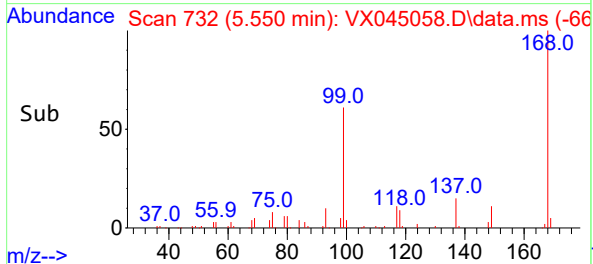


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :

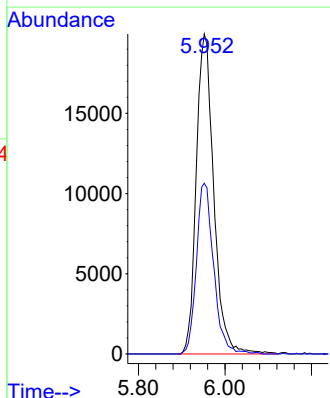
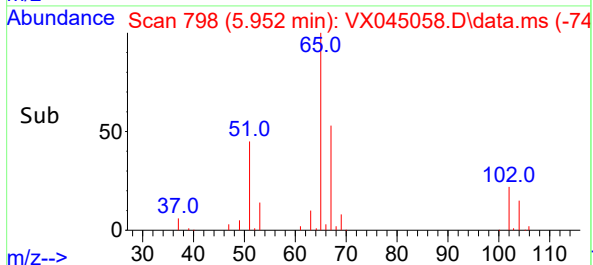
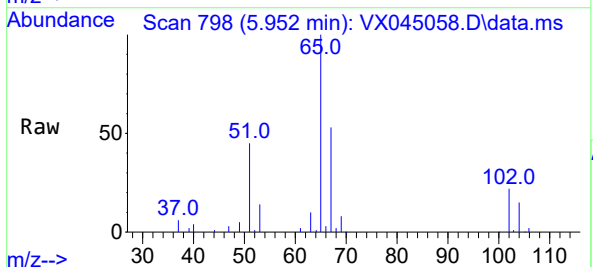


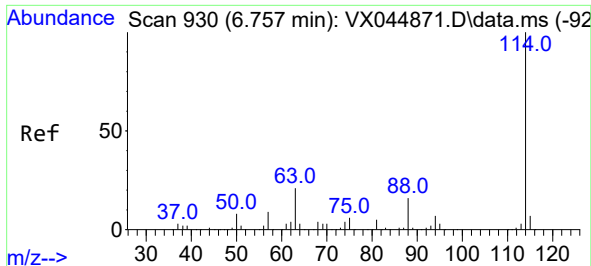
Tgt Ion: 56 Resp: 1776
Ion Ratio Lower Upper
56 100
69 172.6 24.4 36.6#
84 132.7 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 54.10 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

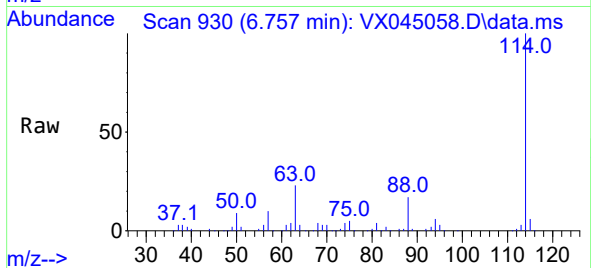
Tgt Ion: 65 Resp: 55984
Ion Ratio Lower Upper
65 100
67 52.4 0.0 108.2



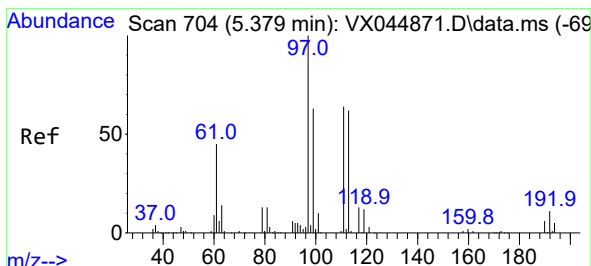
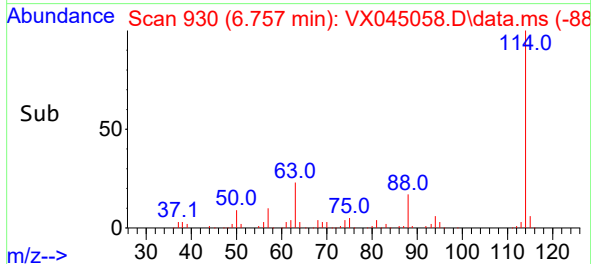
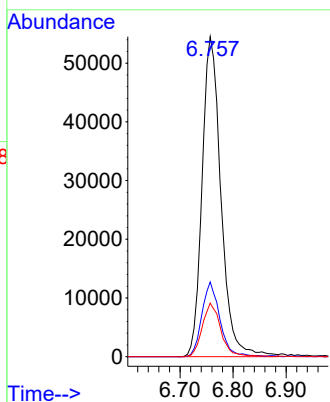


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :

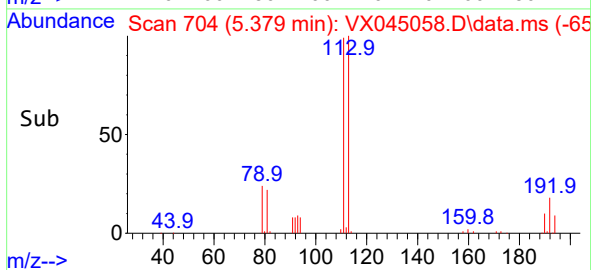
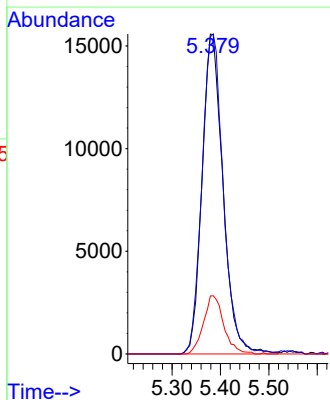
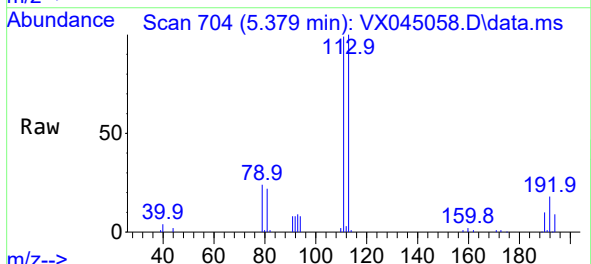


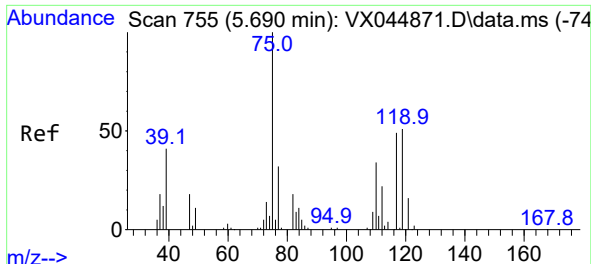
Tgt Ion:114 Resp: 134879
Ion Ratio Lower Upper
114 100
63 23.4 0.0 42.4
88 16.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.34 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

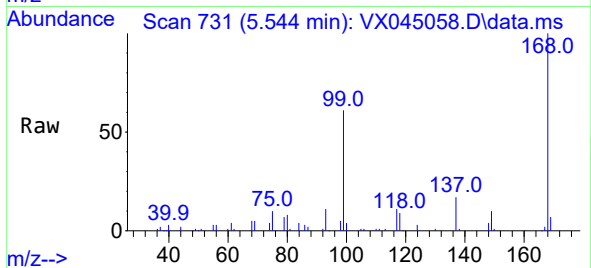
Tgt Ion:113 Resp: 46773
Ion Ratio Lower Upper
113 100
111 101.9 83.5 125.3
192 17.7 14.4 21.6



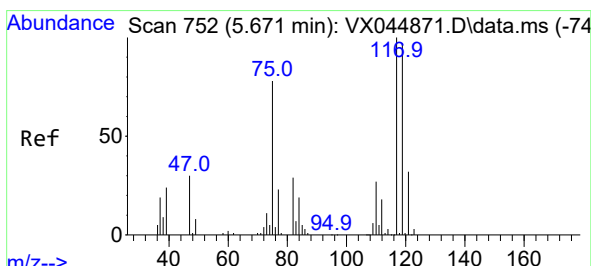
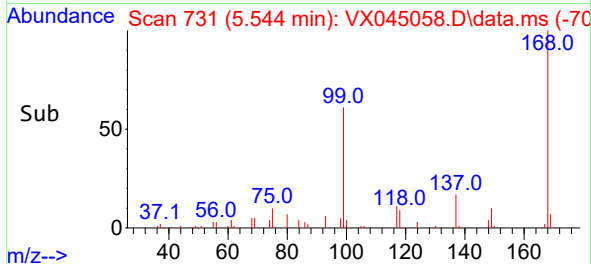
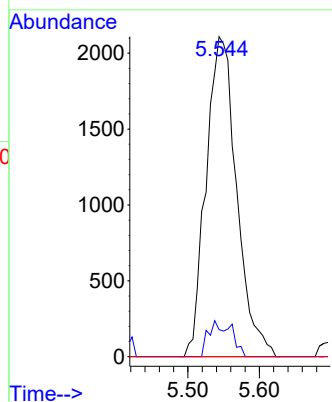


#36
1,1-Dichloropropene
Concen: 4.95 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :

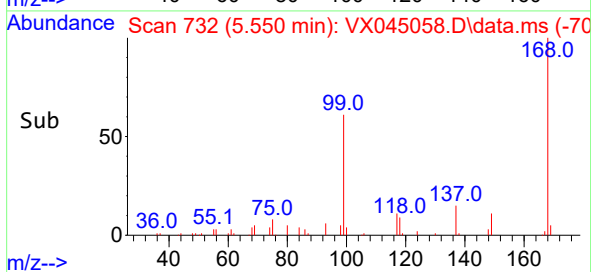
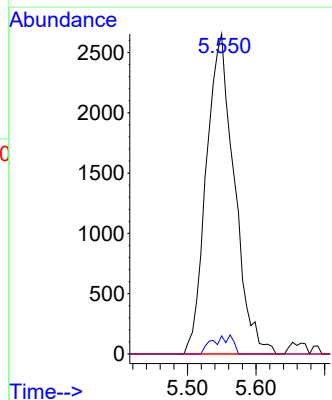
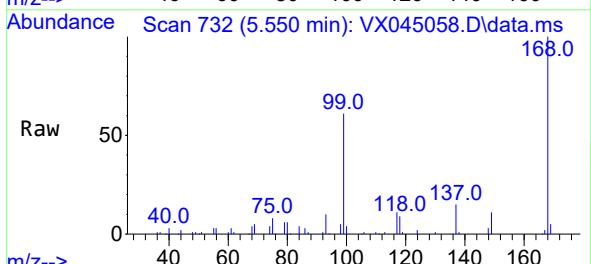


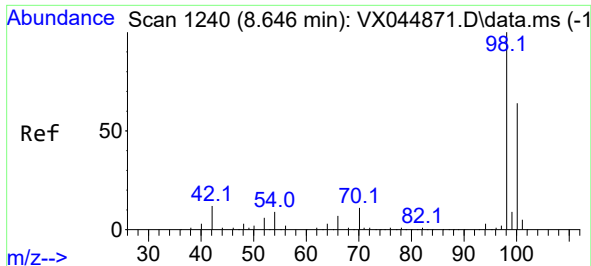
Tgt Ion: 75 Resp: 6260
Ion Ratio Lower Upper
75 100
110 8.4 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.08 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Tgt Ion: 117 Resp: 7534
Ion Ratio Lower Upper
117 100
119 5.7 77.5 116.3#
121 0.0 25.6 38.4#

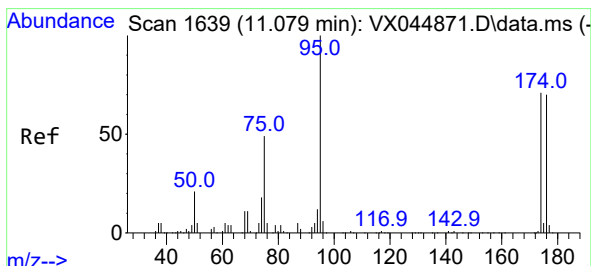
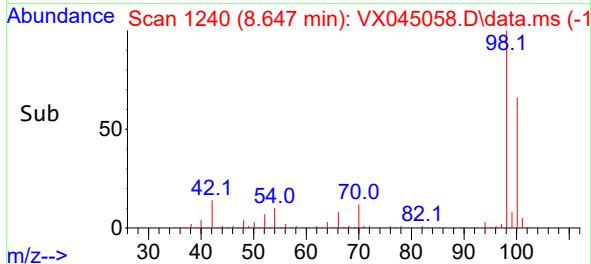
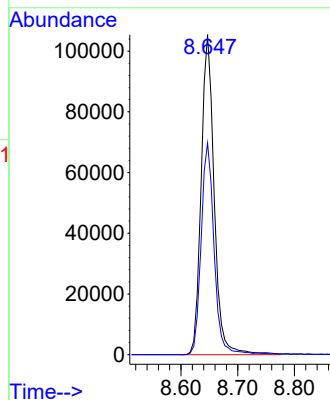
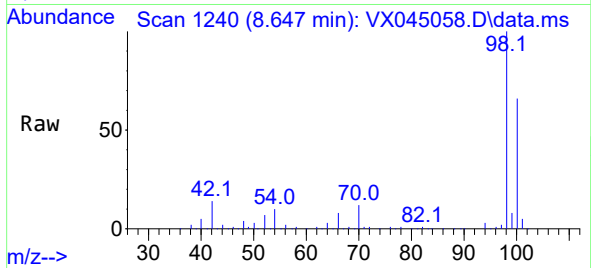




#50
Toluene-d8
Concen: 50.73 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

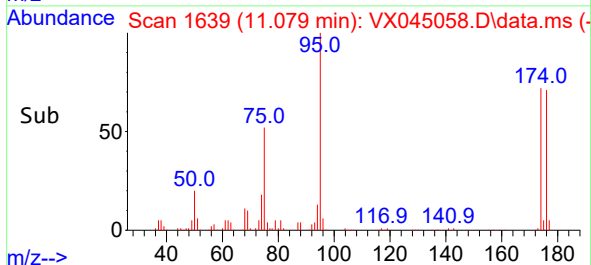
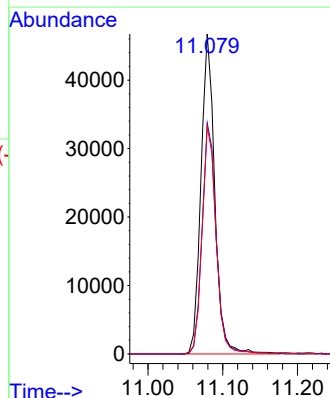
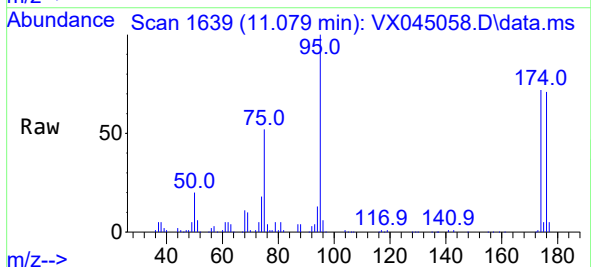
Instrument :
MSVOA_X
ClientSampleId :

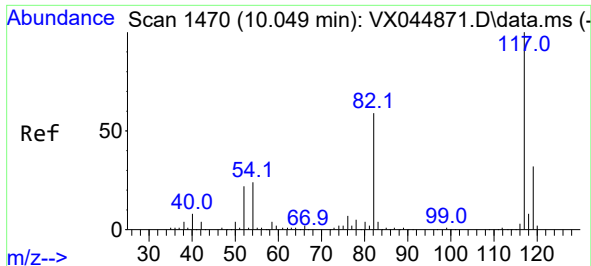
Tgt Ion: 98 Resp: 168228
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.60 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

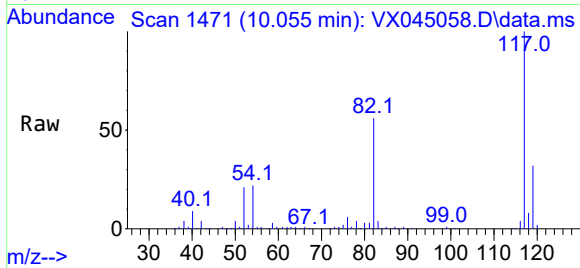
Tgt Ion: 95 Resp: 59920
Ion Ratio Lower Upper
95 100
174 74.1 0.0 142.6
176 72.0 0.0 141.6



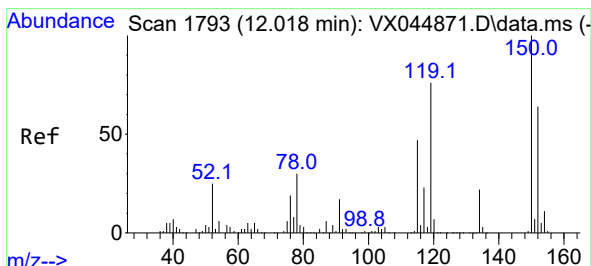
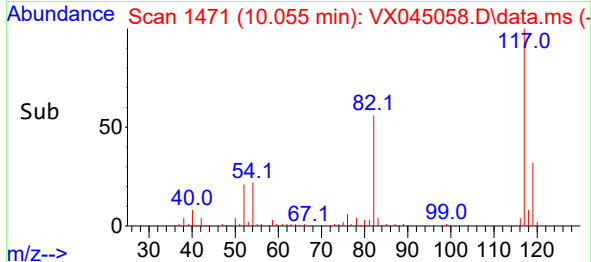
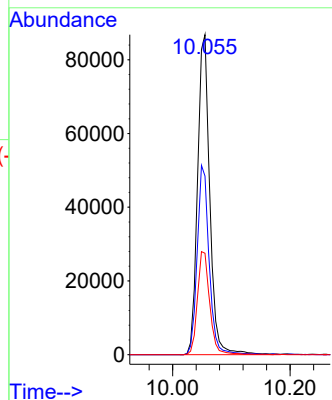


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :

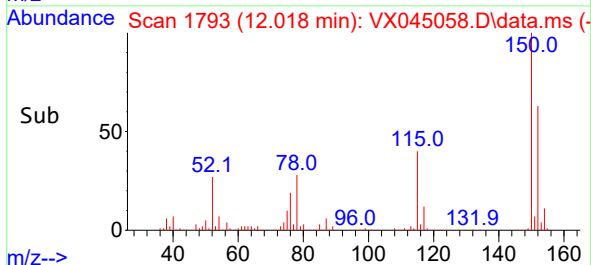
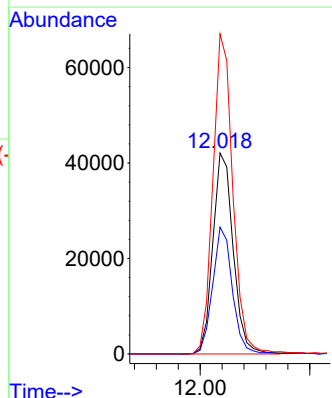
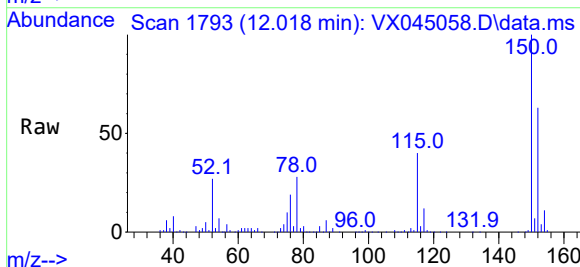


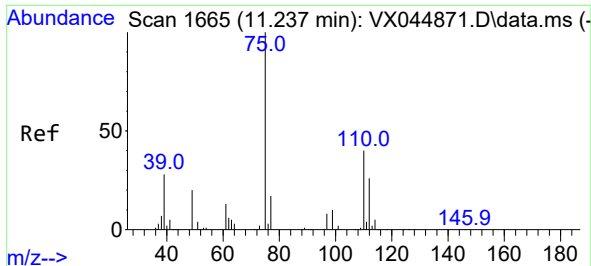
Tgt Ion:117 Resp: 125309
Ion Ratio Lower Upper
117 100
82 55.8 47.5 71.3
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Tgt Ion:152 Resp: 54247
Ion Ratio Lower Upper
152 100
115 61.2 43.4 130.1
150 157.1 0.0 350.4

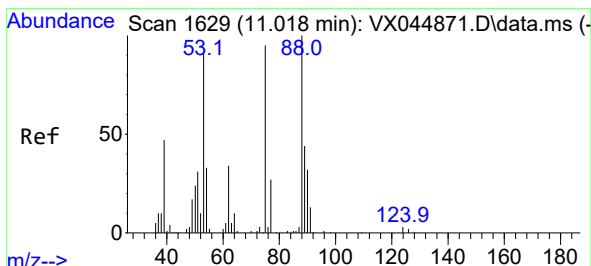
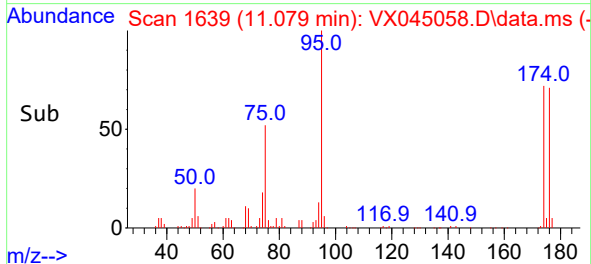
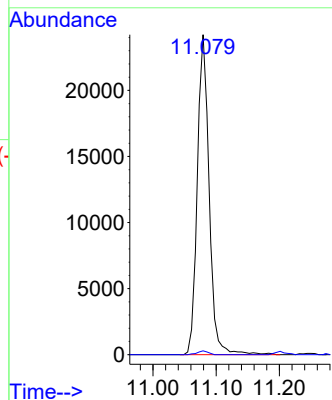
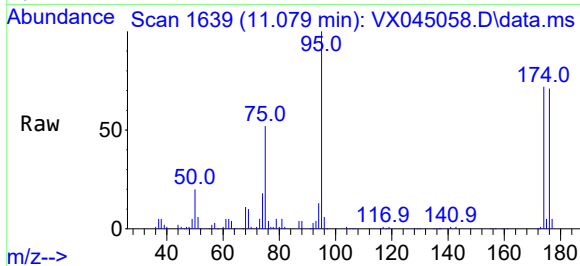




#76
1,2,3-Trichloropropane
Concen: 26.31 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

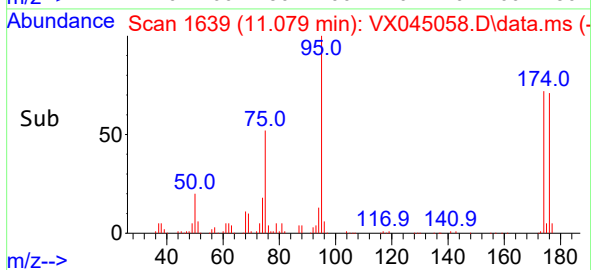
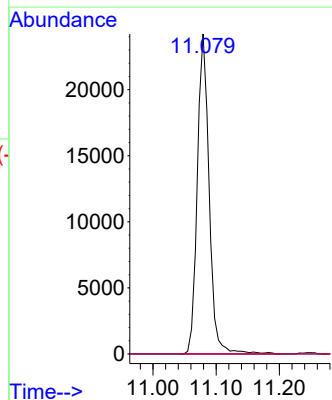
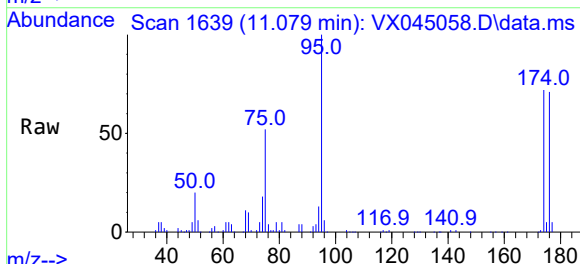
Instrument :
MSVOA_X
ClientSampleId :

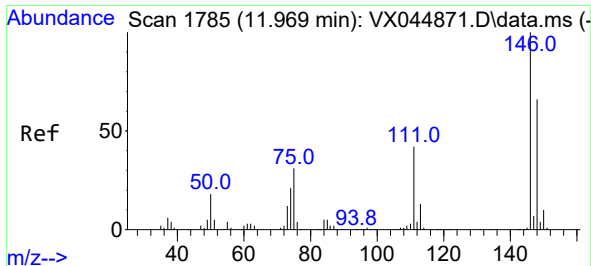
Tgt Ion: 75 Resp: 31646
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.68 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Tgt Ion: 75 Resp: 31646
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#





#87

1,3-Dichlorobenzene

Concen: 0.26 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX045058.D

Acq: 27 Feb 2025 13:01

Instrument :

MSVOA_X

ClientSampleId :

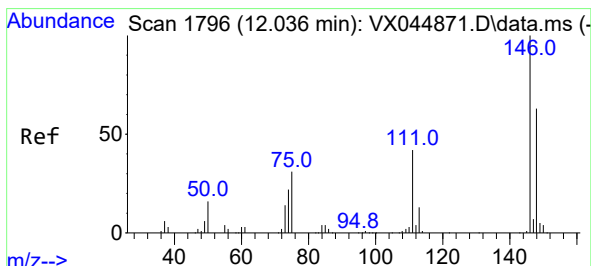
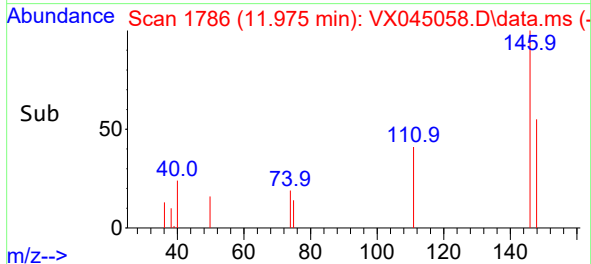
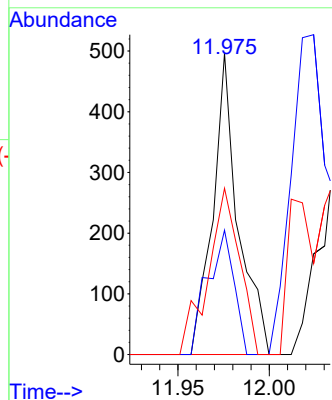
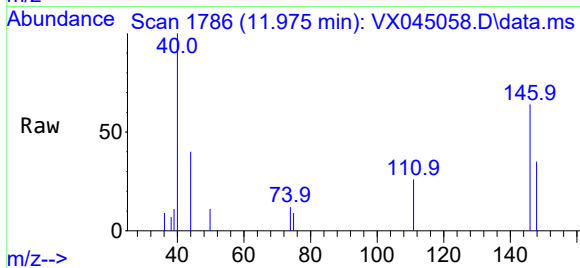
Tgt Ion:146 Resp: 477

Ion Ratio Lower Upper

146 100

111 43.4 21.2 63.6

148 69.0 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 0.26 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.061 min

Lab File: VX045058.D

Acq: 27 Feb 2025 13:01

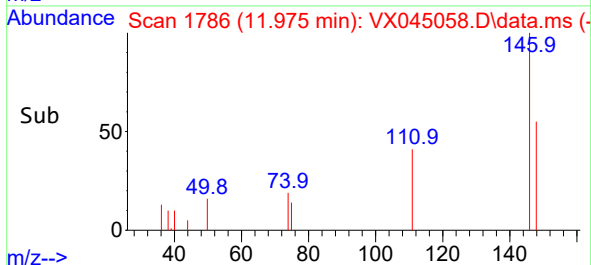
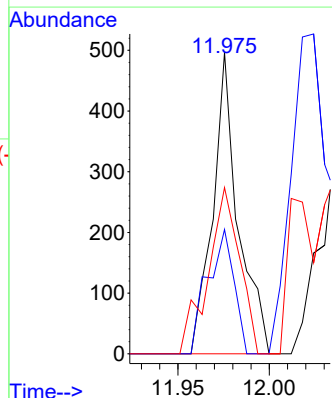
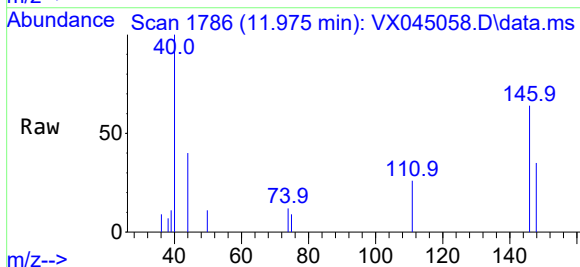
Tgt Ion:146 Resp: 477

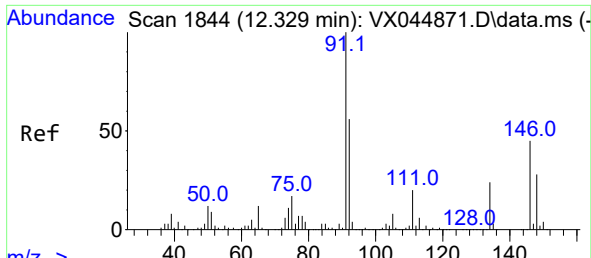
Ion Ratio Lower Upper

146 100

111 43.4 20.4 61.3

148 69.0 32.0 96.0

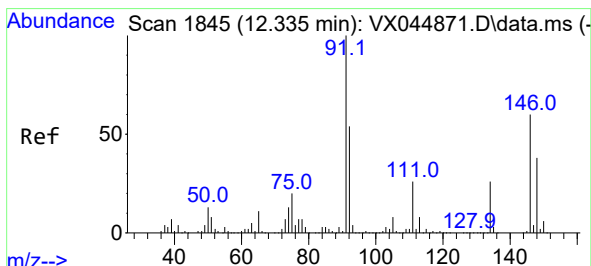
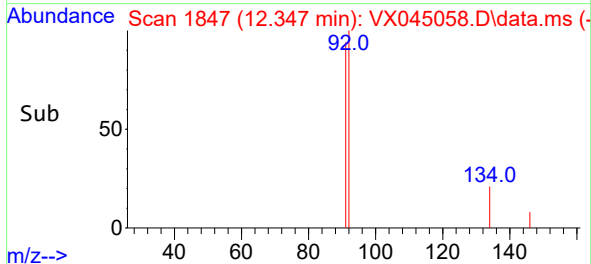
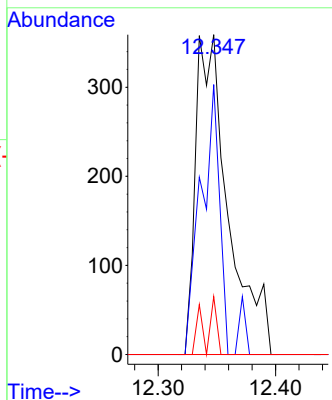
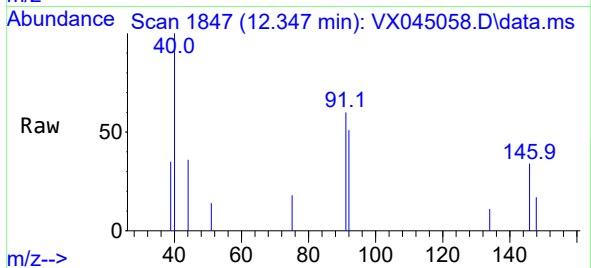




#89
n-Butylbenzene
Concen: 0.22 ug/l
RT: 12.347 min Scan# 1847
Delta R.T. 0.019 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

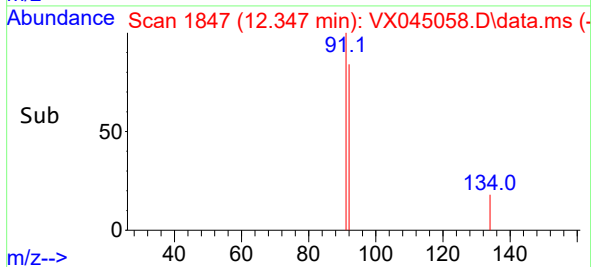
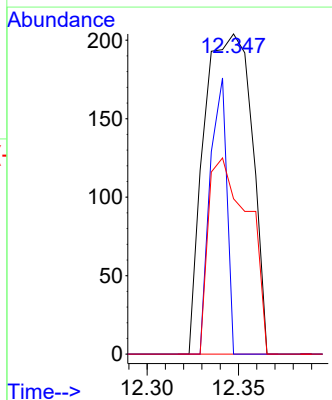
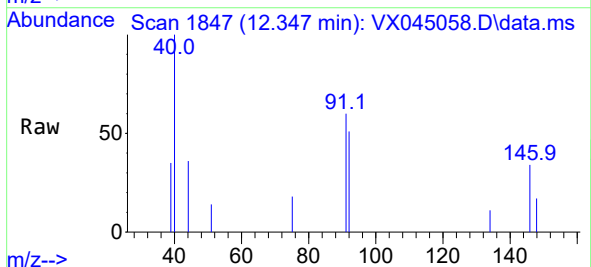
Instrument :
MSVOA_X
ClientSampleId :

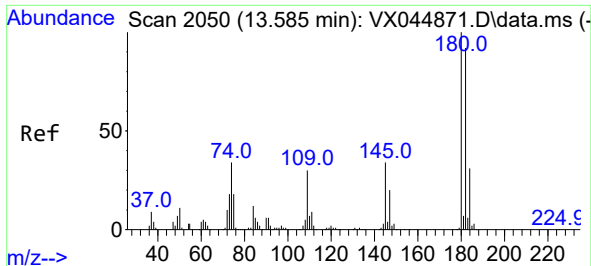
Tgt Ion: 91 Resp: 692
Ion Ratio Lower Upper
91 100
92 48.3 27.2 81.6
134 2.9 12.1 36.3#



#91
1,2-Dichlorobenzene
Concen: 0.21 ug/l
RT: 12.347 min Scan# 1847
Delta R.T. 0.013 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

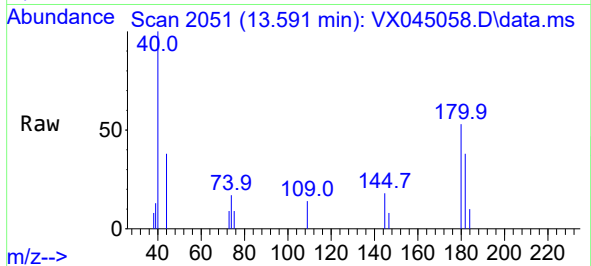
Tgt Ion:146 Resp: 371
Ion Ratio Lower Upper
146 100
111 30.2 21.8 65.4
148 51.5 31.9 95.9



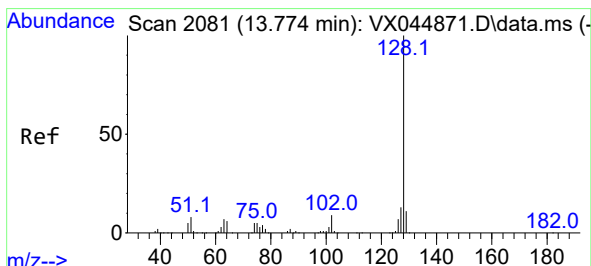
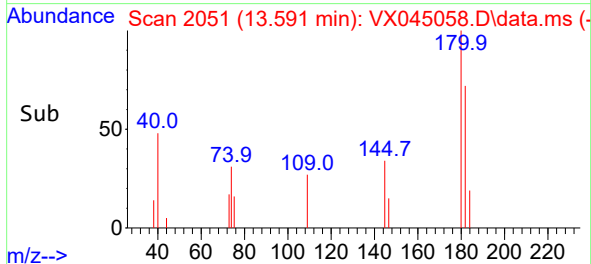
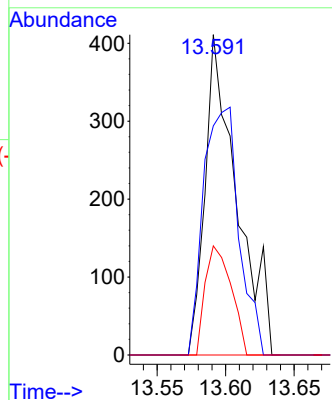


#93
1,2,4-Trichlorobenzene
Concen: 0.61 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :

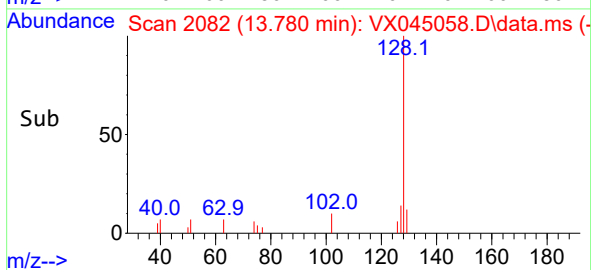
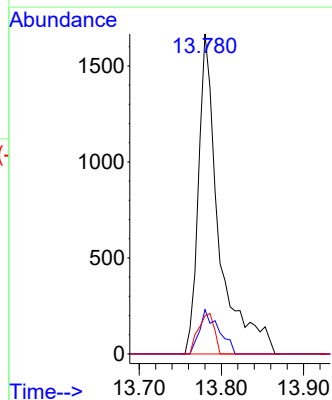
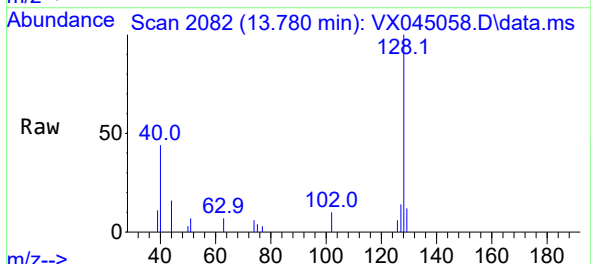


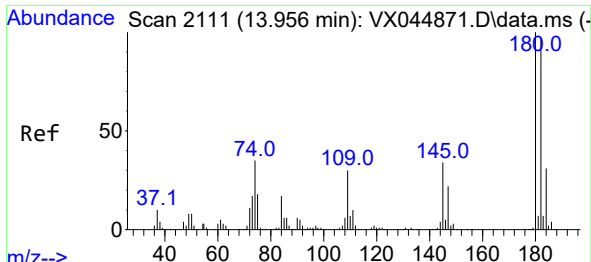
Tgt Ion:	180	Resp:	662
Ion	Ratio	Lower	Upper
180	100		
182	86.1	47.6	142.8
145	27.9	16.4	49.1



#95
Naphthalene
Concen: 0.74 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

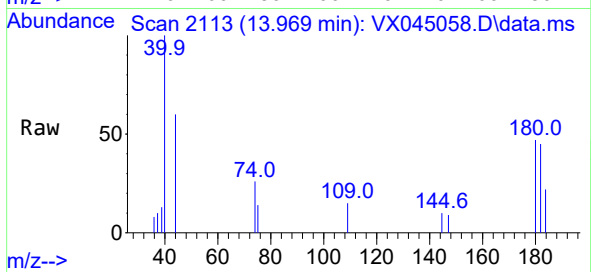
Tgt Ion:	128	Resp:	2891
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	9.8	8.9	13.3





#96
1,2,3-Trichlorobenzene
Concen: 0.46 ug/l
RT: 13.969 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX045058.D
Acq: 27 Feb 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 499
Ion Ratio Lower Upper
180 100
182 120.0 47.9 143.6
145 36.5 17.1 51.3

