

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041508.D
 Acq On : 14 May 2024 10:31
 Operator : JC/MD
 Sample : VX0514WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBL01

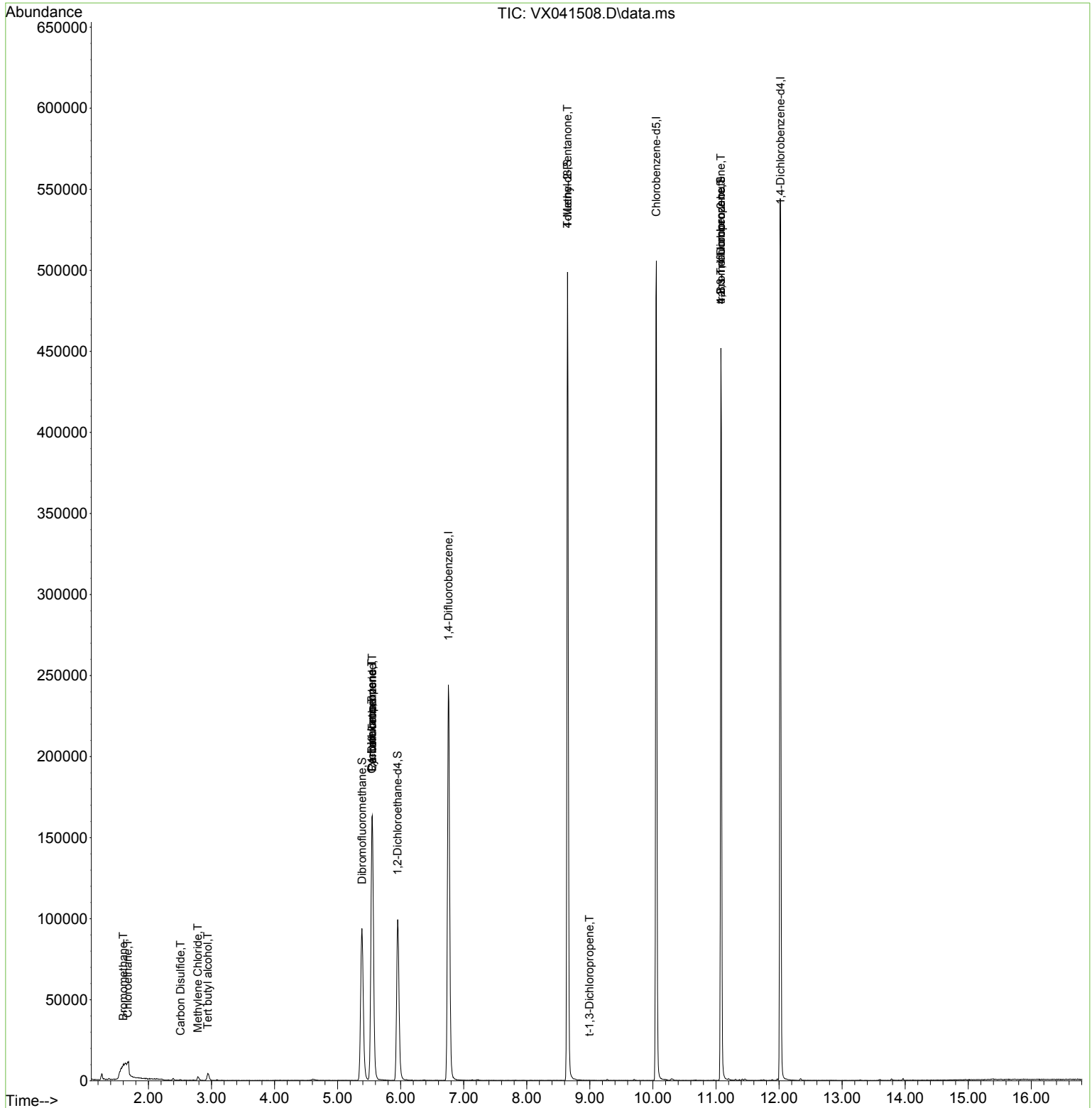
Quant Time: May 15 00:55:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	173593	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	257049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98531	52.138	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.280%	
35) Dibromofluoromethane	5.385	113	81152	46.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.180%	
50) Toluene-d8	8.647	98	297679	53.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.980%	
62) 4-Bromofluorobenzene	11.079	95	111364	52.179	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	654	0.741	ug/l	# 74
6) Chloroethane	1.672	64	213	0.326	ug/l	94
11) Tert butyl alcohol	2.940	59	2896	7.656	ug/l	# 78
16) Acetone	2.392	43	1332	Below Cal		91
17) Carbon Disulfide	2.508	76	680	0.215	ug/l	# 76
20) Methylene Chloride	2.782	84	1174	0.716	ug/l	# 86
31) Cyclohexane	5.544	56	3090	1.355	ug/l	# 4
36) 1,1-Dichloropropene	5.544	75	11373	5.460	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	15514	6.502	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1319	0.563	ug/l	# 1
53) t-1,3-Dichloropropene	8.994	75	67	2.468	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	56133	27.986	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	56133	76.231	ug/l	# 5

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

Quant Time: May 15 00:55:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
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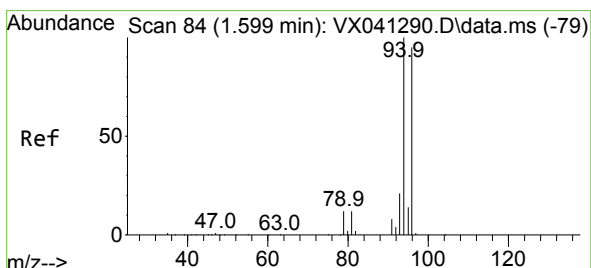
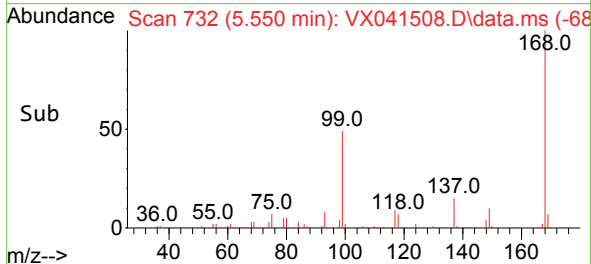
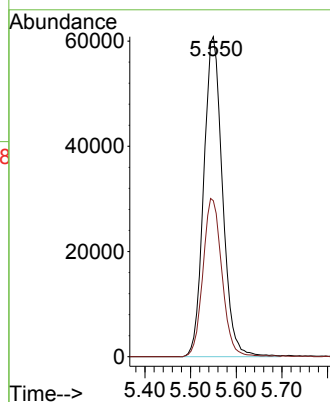
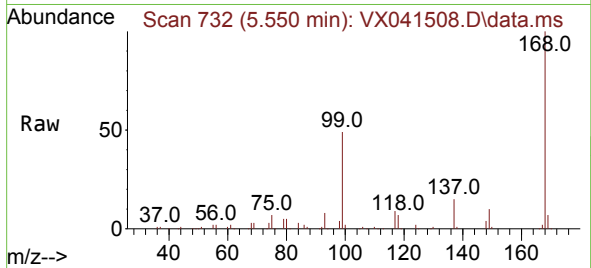




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

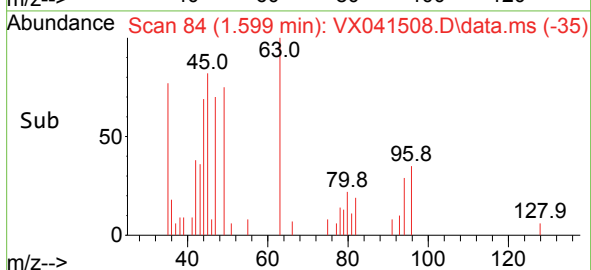
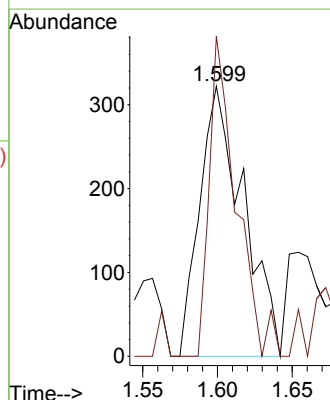
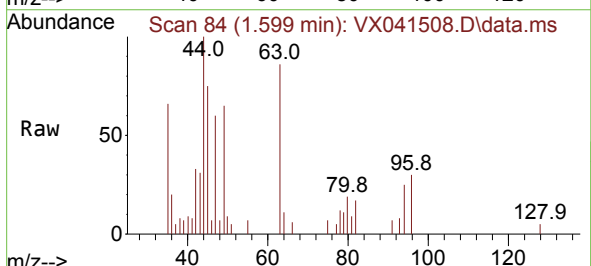
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

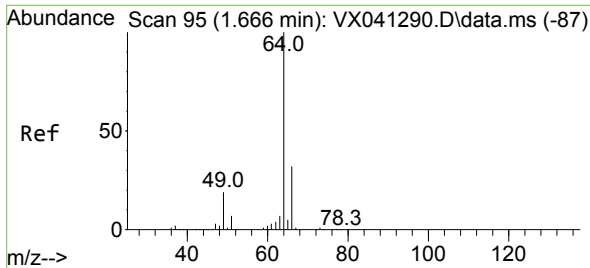
Tgt Ion:168 Resp: 173593
Ion Ratio Lower Upper
168 100
99 48.8 56.6 85.0#



#5
Bromomethane
Concen: 0.741 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

Tgt Ion: 94 Resp: 654
Ion Ratio Lower Upper
94 100
96 118.6 74.6 111.8#

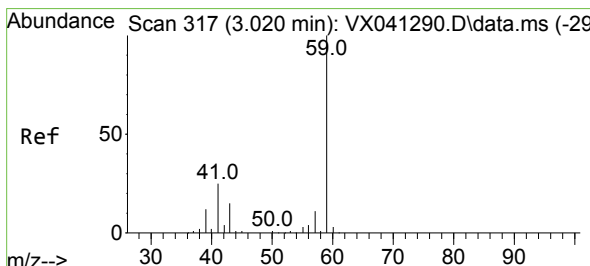
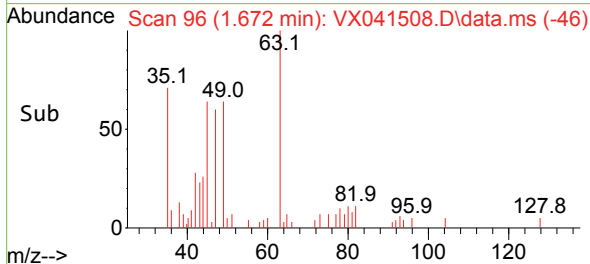
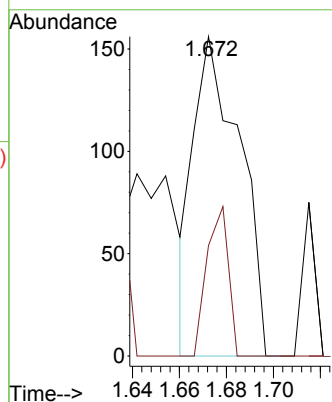
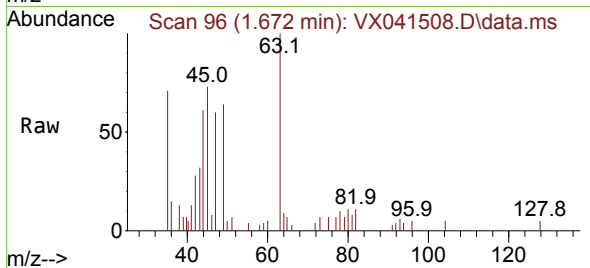




#6
Chloroethane
Concen: 0.326 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

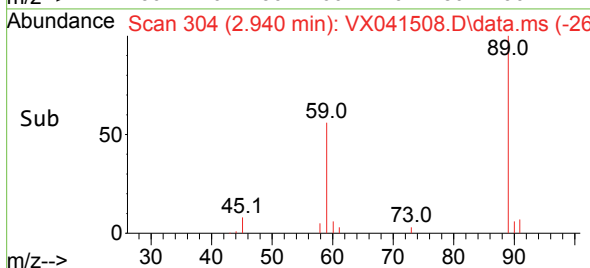
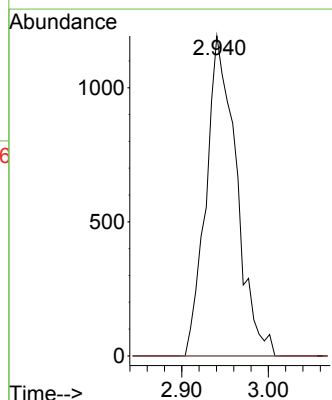
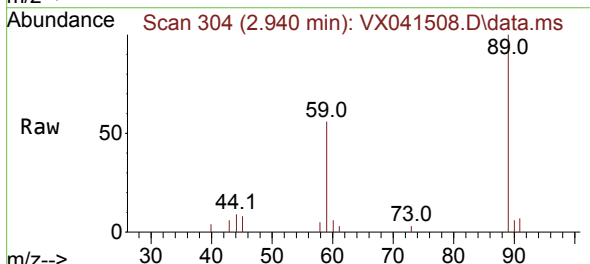
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

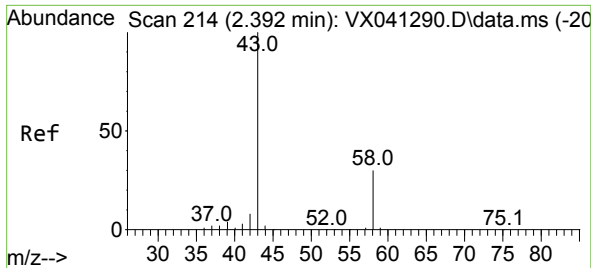
Tgt Ion: 64 Resp: 213
Ion Ratio Lower Upper
64 100
66 34.6 25.1 37.7



#11
Tert butyl alcohol
Concen: 7.656 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

Tgt Ion: 59 Resp: 2896
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

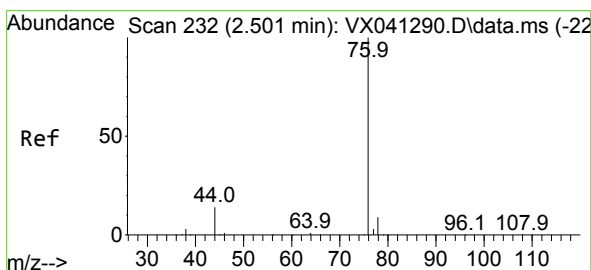
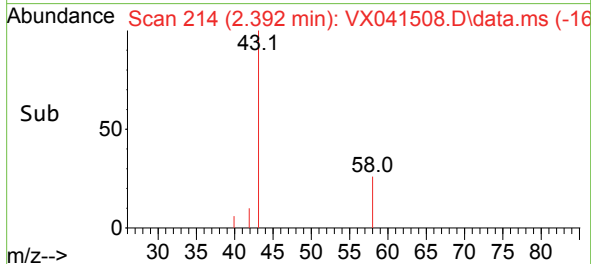
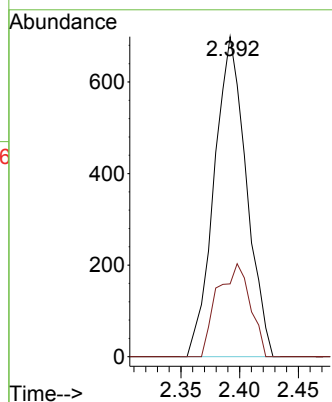
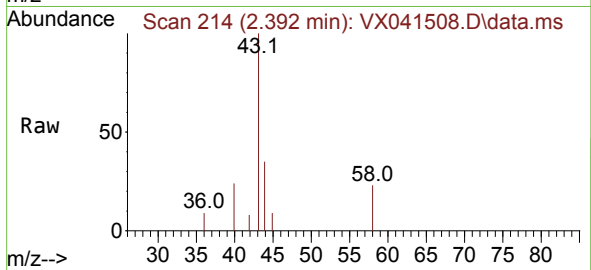




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

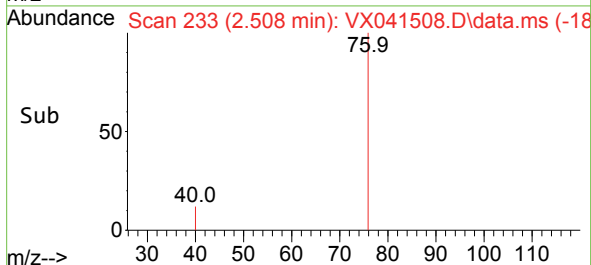
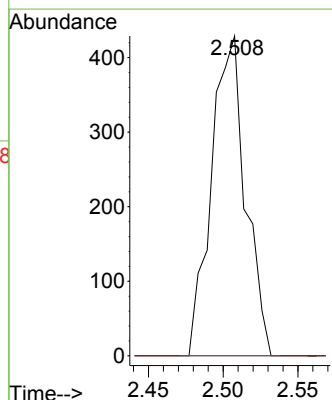
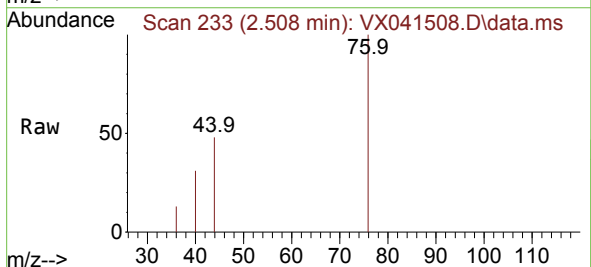
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

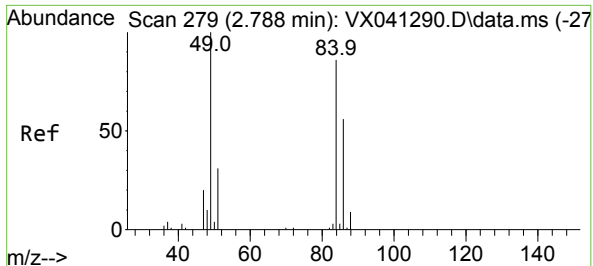
Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
58 22.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.215 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.007 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

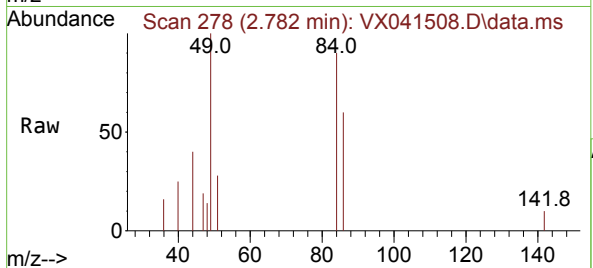
Tgt Ion: 76 Resp: 680
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



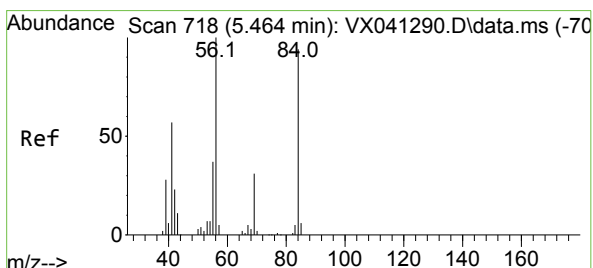
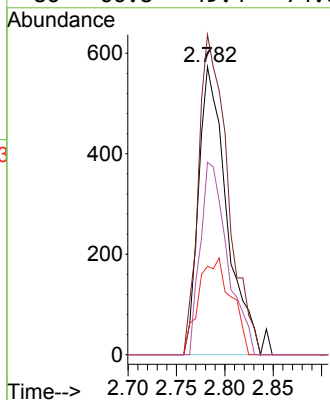
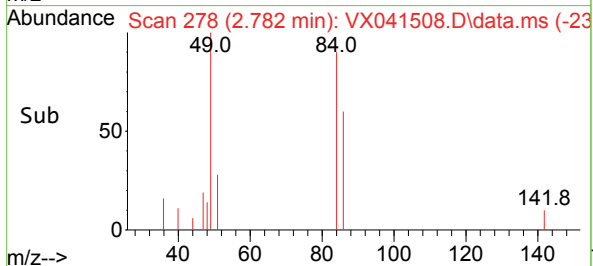


#20
Methylene Chloride
Concen: 0.716 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

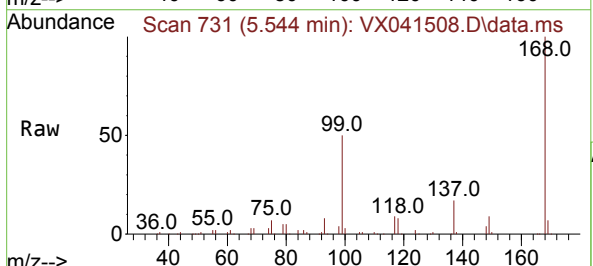
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01



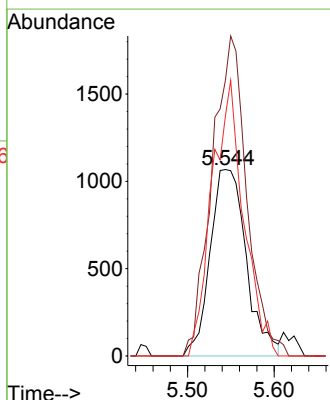
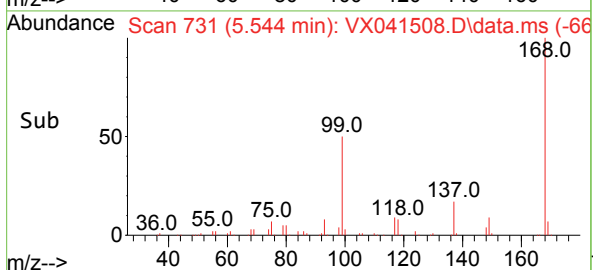
Tgt Ion:	84	Resp:	1174
Ion	Ratio	Lower	Upper
84	100		
49	111.2	103.6	155.4
51	30.7	33.8	50.6#
86	66.8	49.4	74.0

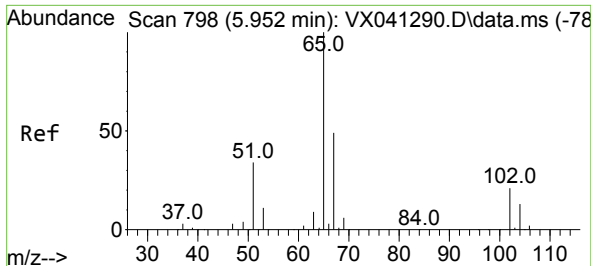


#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31



Tgt Ion:	56	Resp:	3090
Ion	Ratio	Lower	Upper
56	100		
69	147.8	23.4	35.2#
84	128.7	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.138 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041508.D

Acq: 14 May 2024 10:31

Instrument :

MSVOA_X

ClientSampleId :

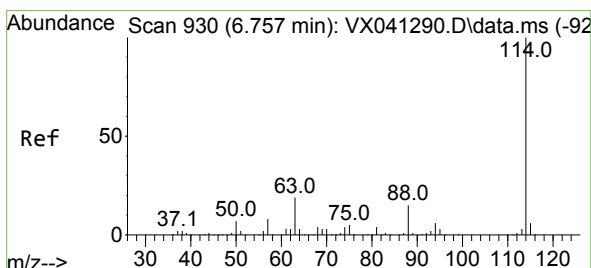
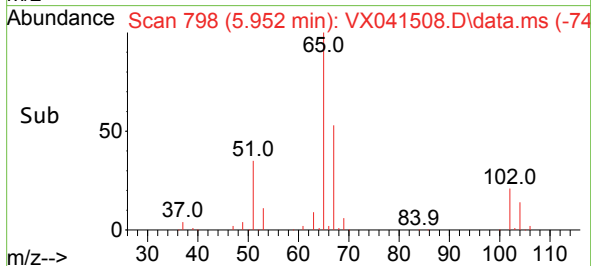
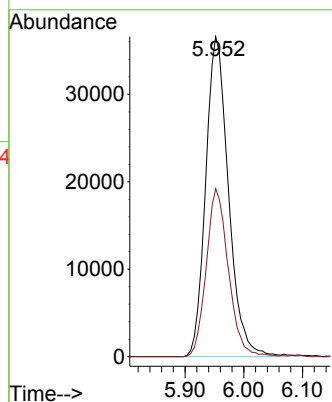
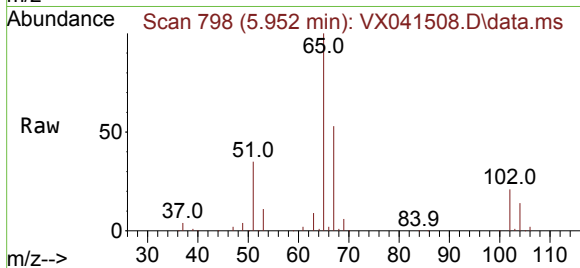
VX0514WBL01

Tgt Ion: 65 Resp: 98531

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041508.D

Acq: 14 May 2024 10:31

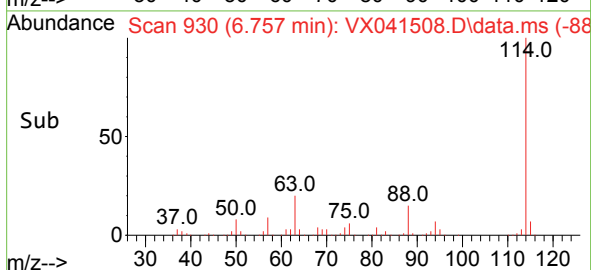
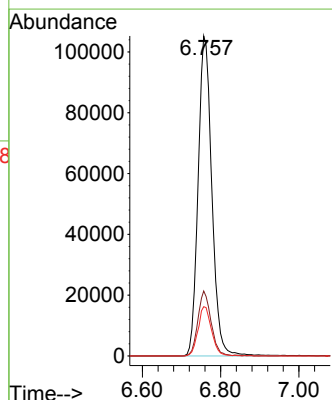
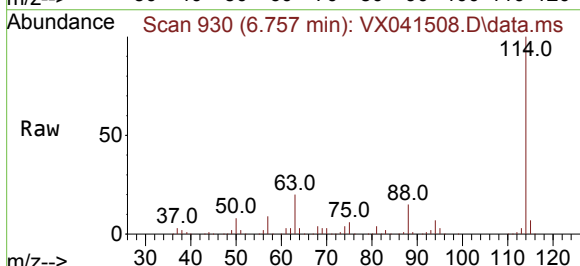
Tgt Ion: 114 Resp: 257049

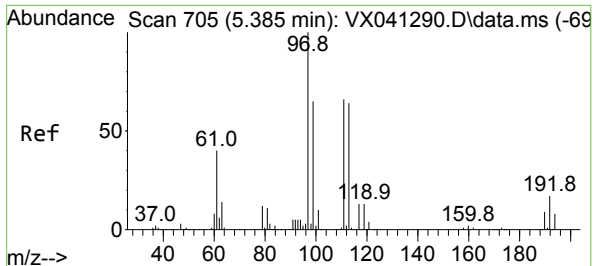
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 15.4 0.0 36.6

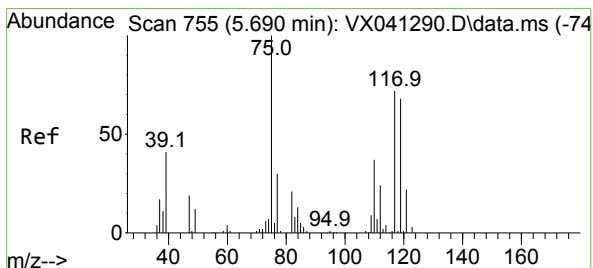
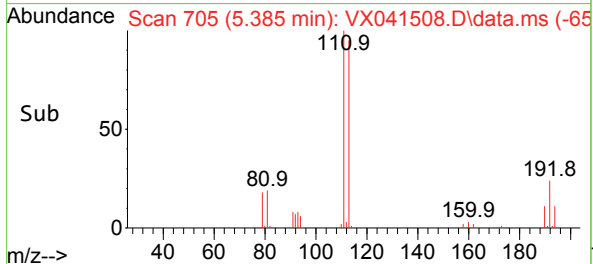
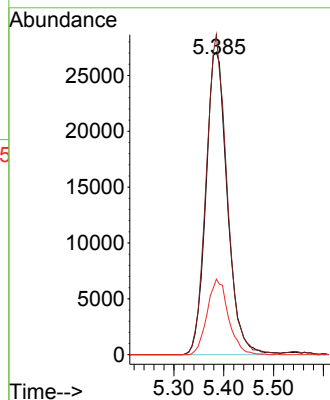
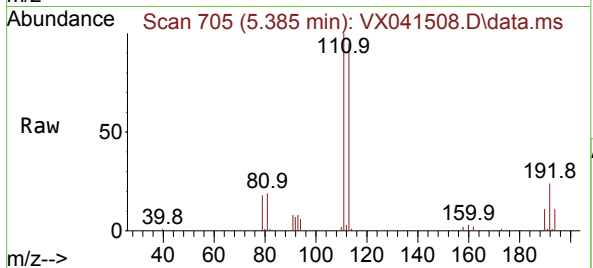




#35
Dibromofluoromethane
Concen: 46.587 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

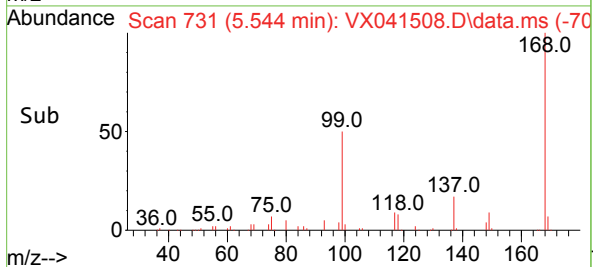
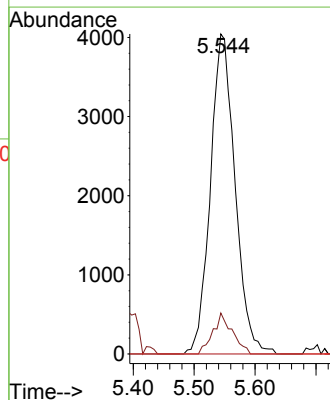
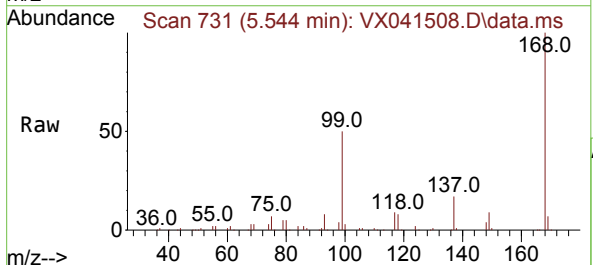
Instrument :
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VX0514WBL01

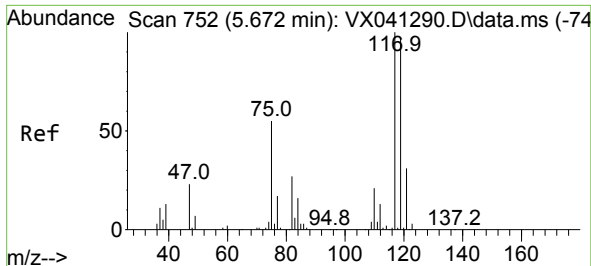
Tgt Ion:113 Resp: 81152
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 24.6 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.460 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

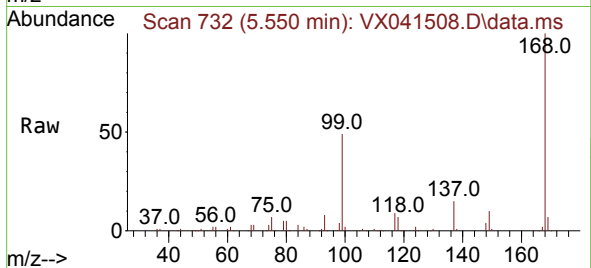
Tgt Ion: 75 Resp: 11373
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



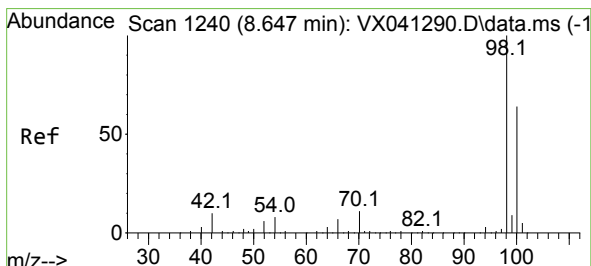
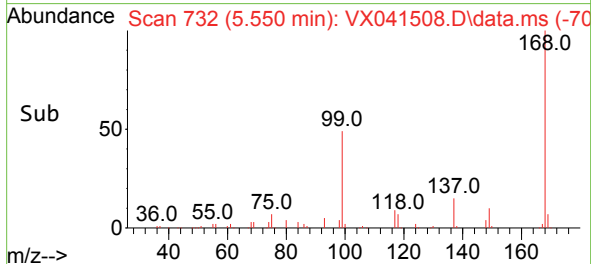
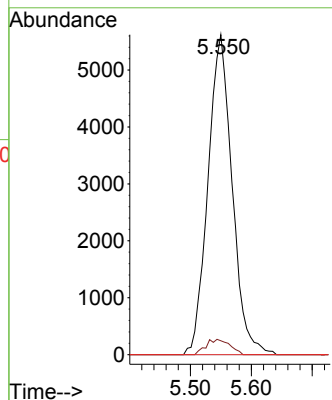


#38
Carbon Tetrachloride
Concen: 6.502 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

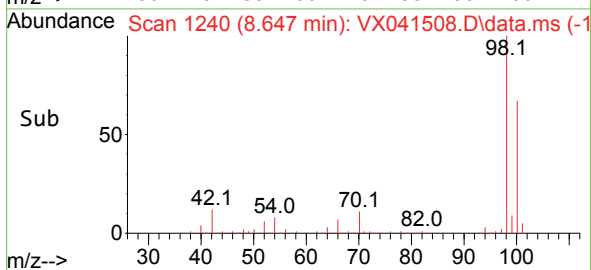
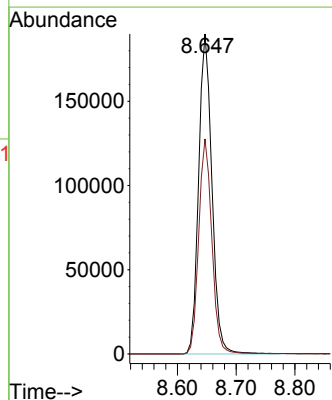
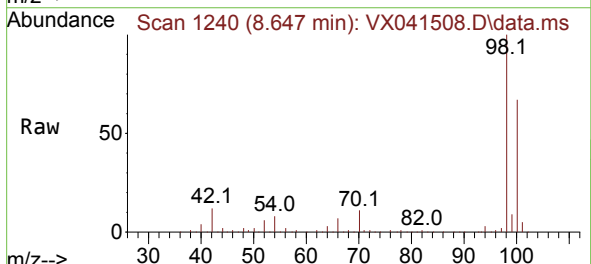


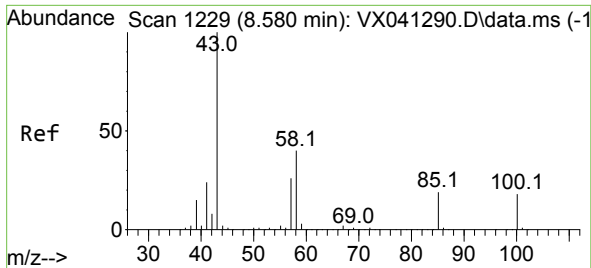
Tgt Ion:117 Resp: 15514
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 53.992 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

Tgt Ion: 98 Resp: 297679
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

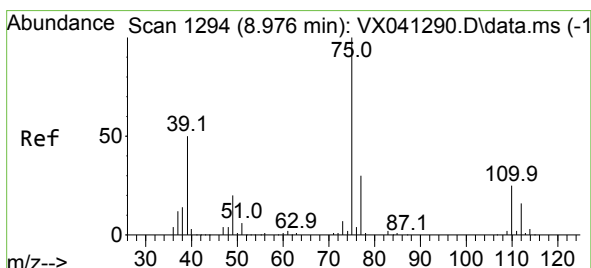
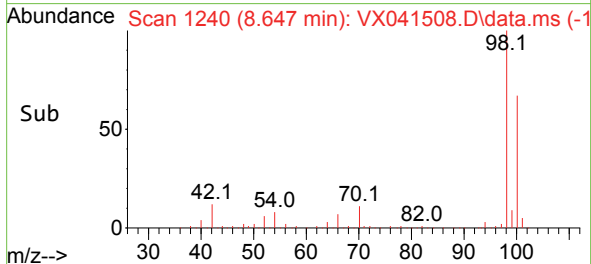
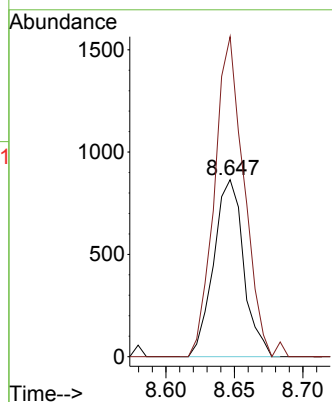
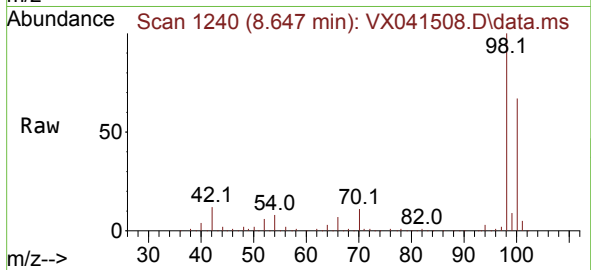




#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

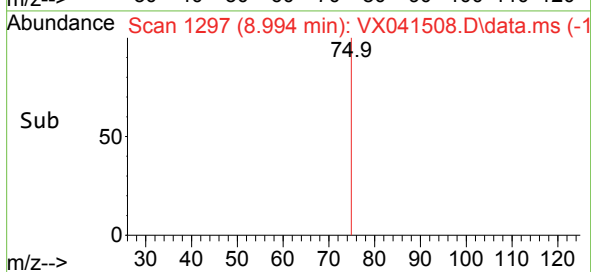
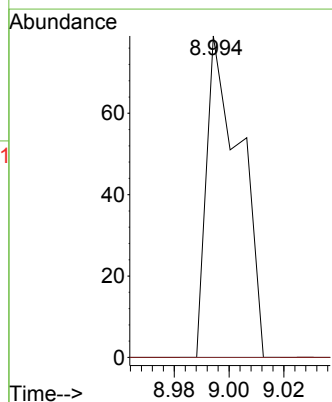
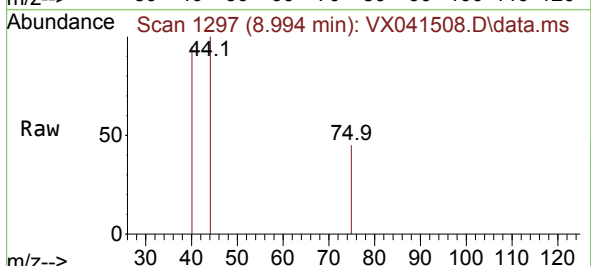
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

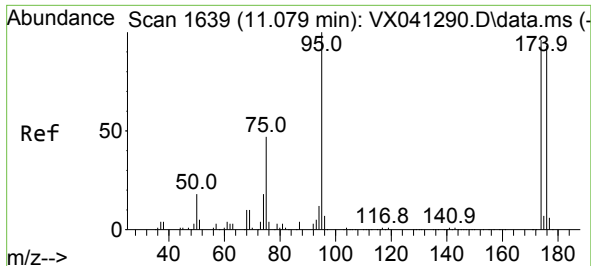
Tgt Ion: 43 Resp: 1319
Ion Ratio Lower Upper
43 100
58 178.8 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 2.468 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

Tgt Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

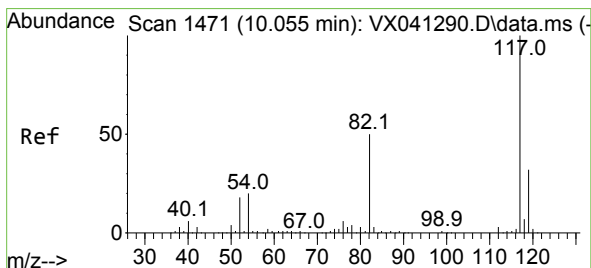
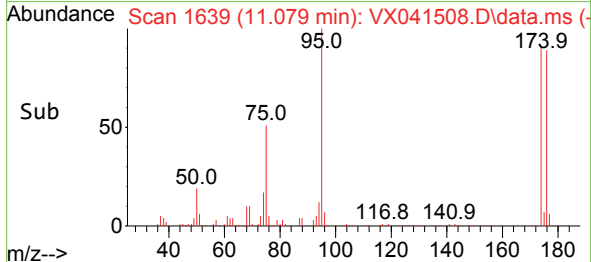
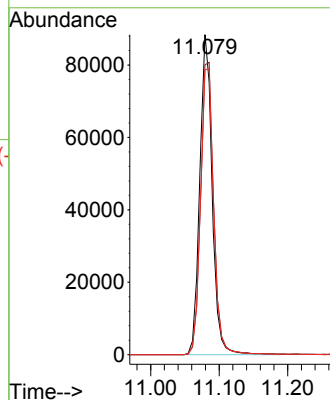
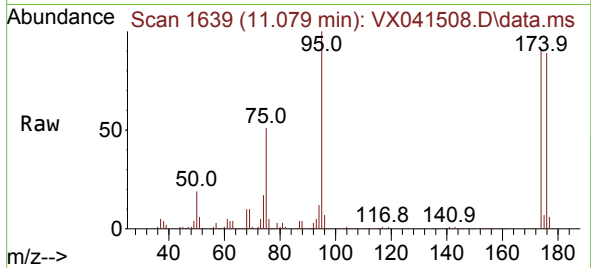




#62
4-Bromofluorobenzene
Concen: 52.179 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

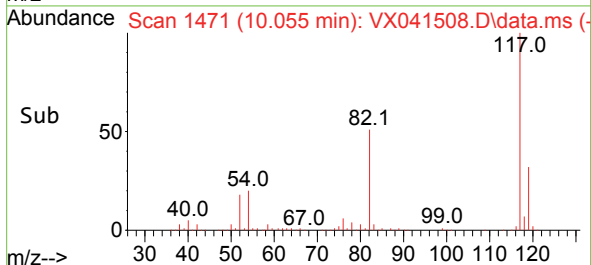
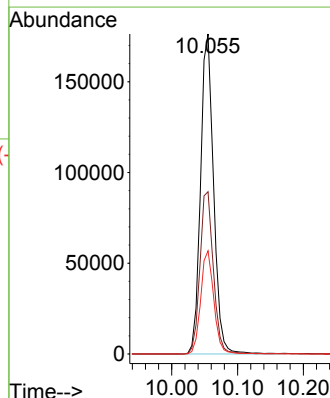
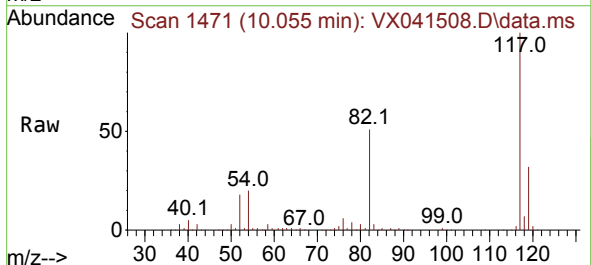
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

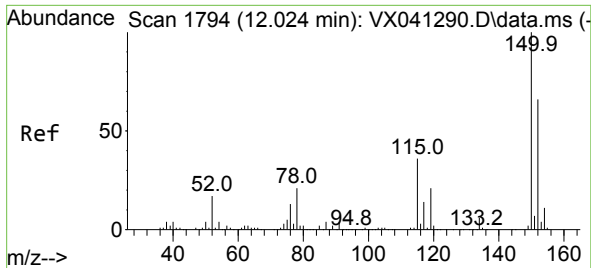
Tgt Ion: 95 Resp: 111364
Ion Ratio Lower Upper
95 100
174 96.6 0.0 135.6
176 95.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041508.D
Acq: 14 May 2024 10:31

Tgt Ion: 117 Resp: 243167
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 32.2 25.5 38.3

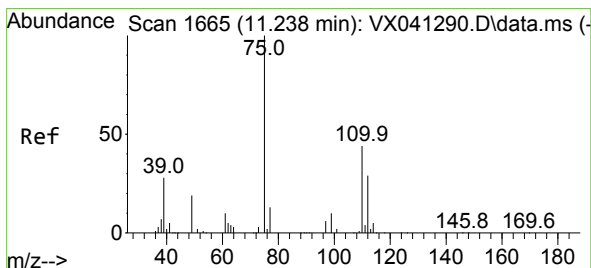
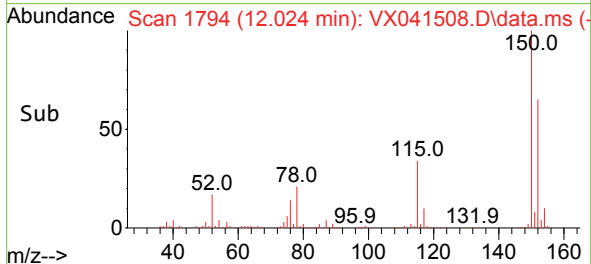
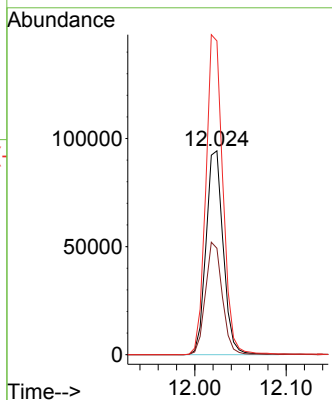
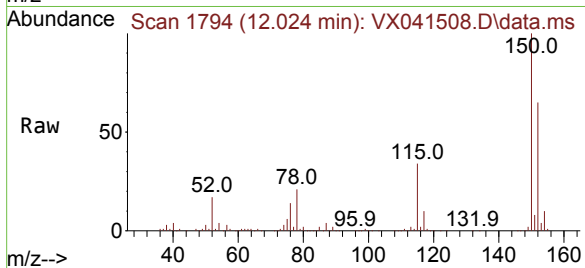




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX041508.D
 Acq: 14 May 2024 10:31

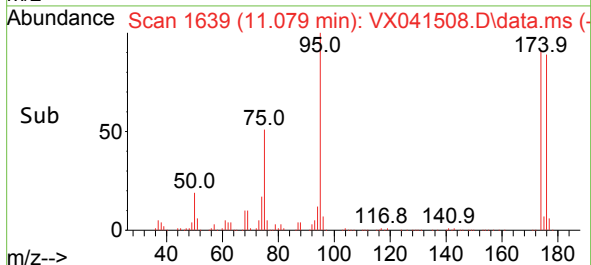
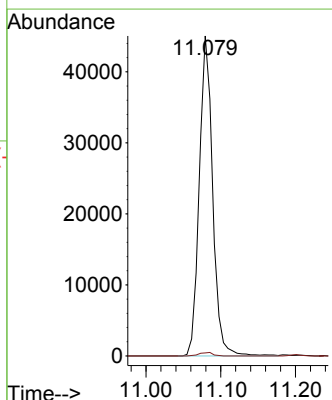
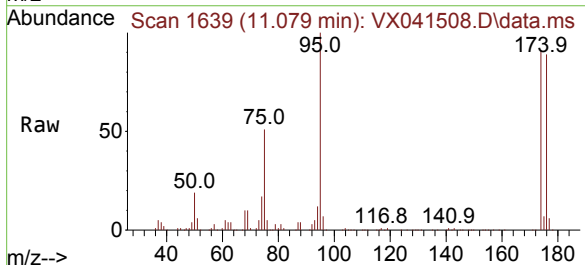
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBL01

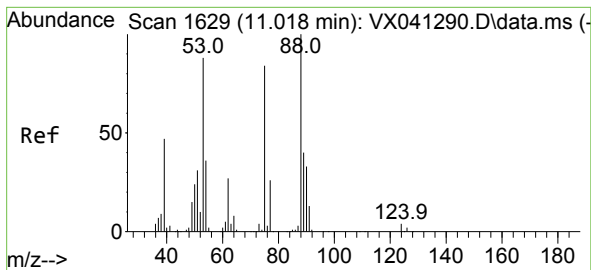
Tgt Ion:152 Resp: 123076
 Ion Ratio Lower Upper
 152 100
 115 54.0 43.3 129.9
 150 155.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 27.986 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX041508.D
 Acq: 14 May 2024 10:31

Tgt Ion: 75 Resp: 56133
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.231 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041508.D
 Acq: 14 May 2024 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBL01

Tgt Ion: 75 Resp: 56133
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

