

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046183.D
 Acq On : 14 May 2025 10:50
 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 01:18:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

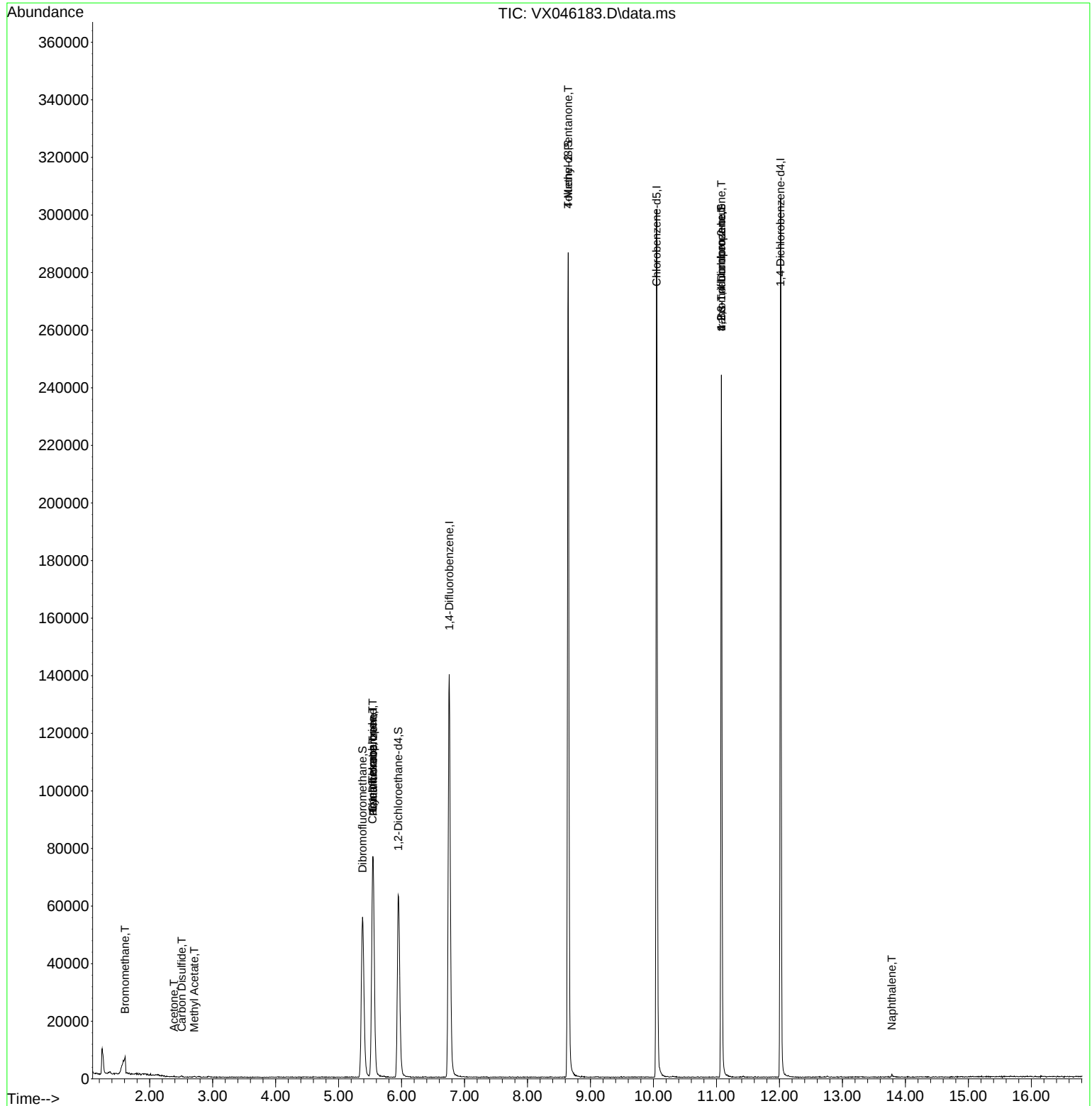
Internal Standards						
1) Pentafluorobenzene	5.550	168	66143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66199	53.684	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.360%	
35) Dibromofluoromethane	5.379	113	49039	51.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.400%	
50) Toluene-d8	8.647	98	165941	50.058	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	11.079	95	64922	51.057	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	94	0.222	ug/l #	63
16) Acetone	2.386	43	274	0.554	ug/l #	48
17) Carbon Disulfide	2.508	76	383	0.206	ug/l #	76
18) Methyl Acetate	2.709	43	335	0.292	ug/l #	55
31) Cyclohexane	5.544	56	2029	1.381	ug/l #	61
36) 1,1-Dichloropropene	5.544	75	6481	5.036	ug/l #	51
38) Carbon Tetrachloride	5.538	117	7637	5.282	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	961	0.597	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37342	28.379	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37342	92.393	ug/l #	1
95) Naphthalene	13.786	128	1280	0.336	ug/l #	85

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

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

Quant Time: May 15 01:18:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

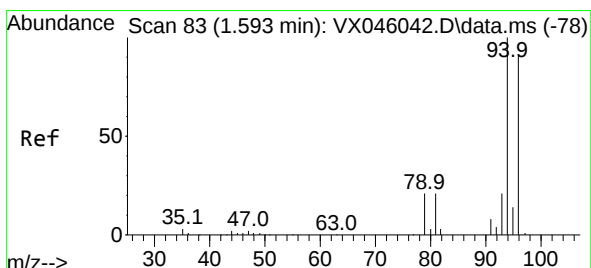
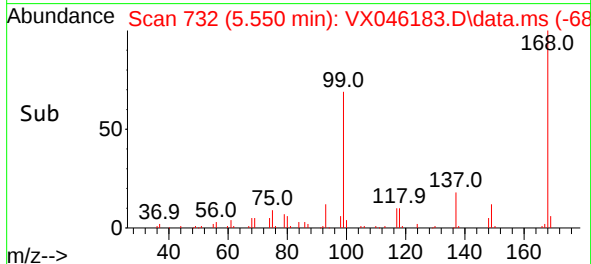
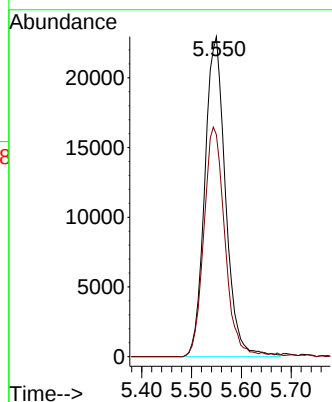
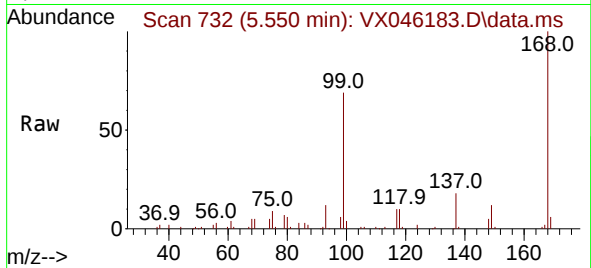




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

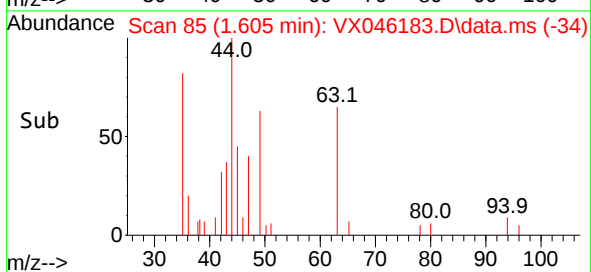
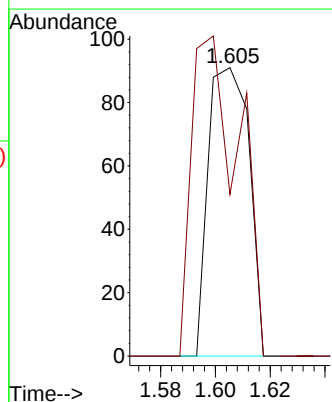
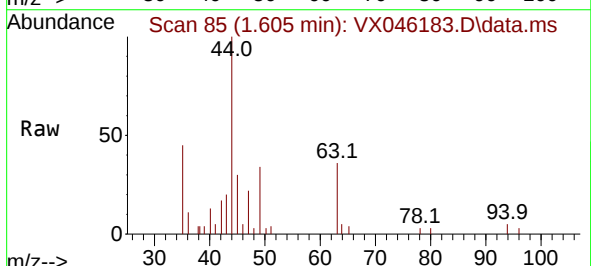
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

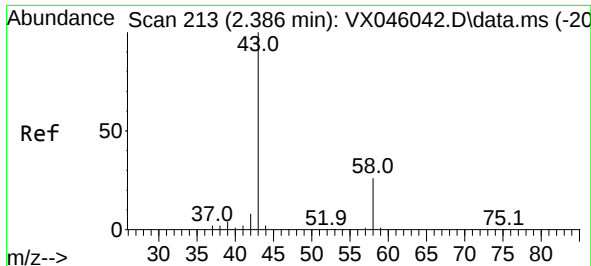
Tgt Ion:168 Resp: 66143
Ion Ratio Lower Upper
168 100
99 69.4 54.9 82.3



#5
Bromomethane
Concen: 0.222 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Tgt Ion: 94 Resp: 94
Ion Ratio Lower Upper
94 100
96 56.0 72.8 109.2#

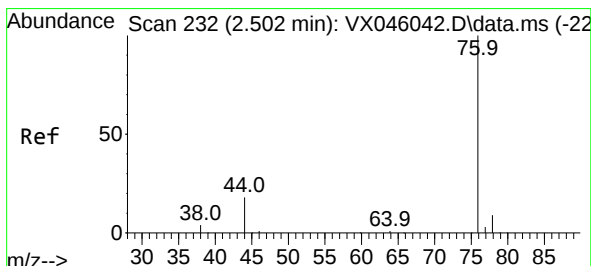
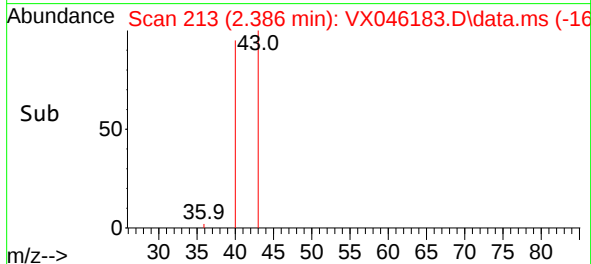
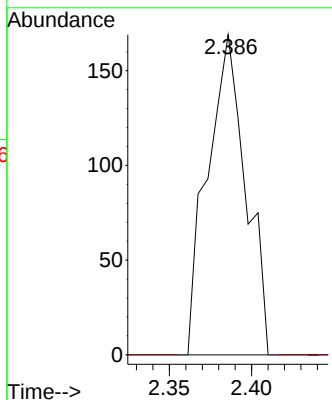
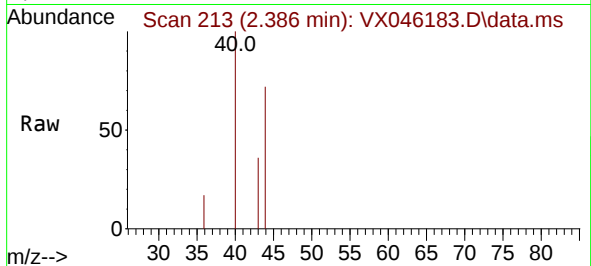




#16
Acetone
Concen: 0.554 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

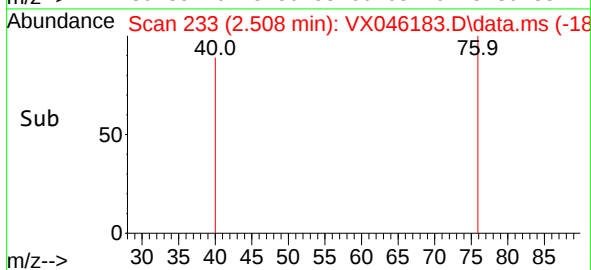
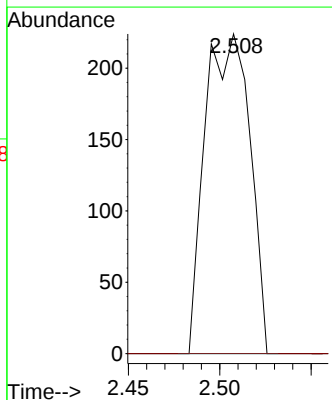
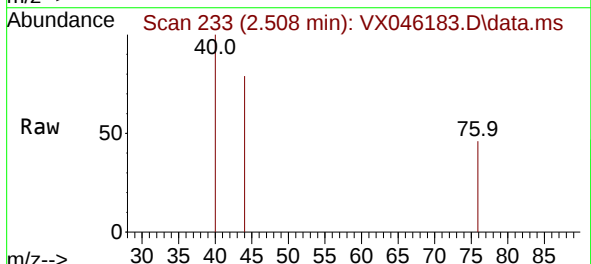
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

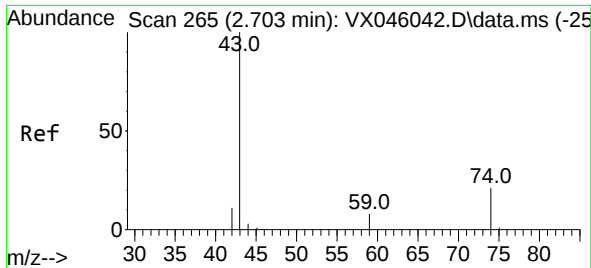
Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Tgt Ion: 76 Resp: 383
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

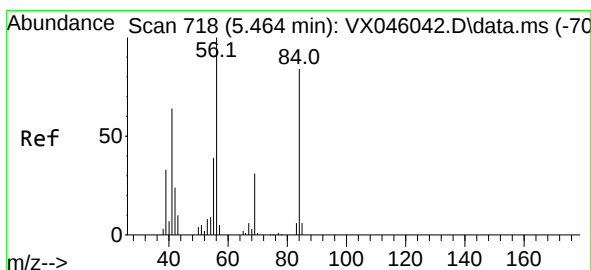
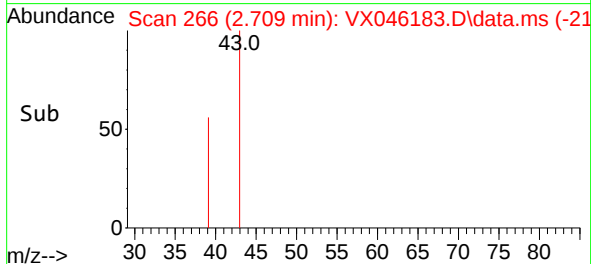
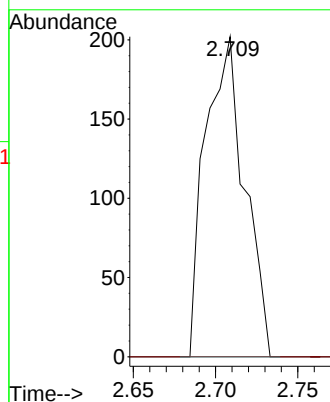
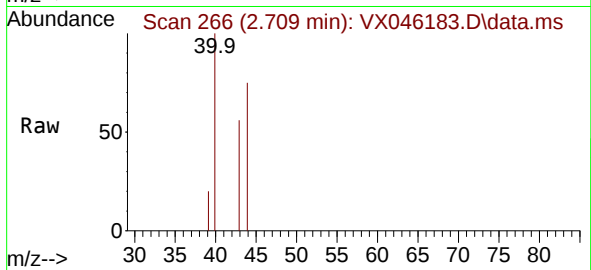




#18
Methyl Acetate
Concen: 0.292 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

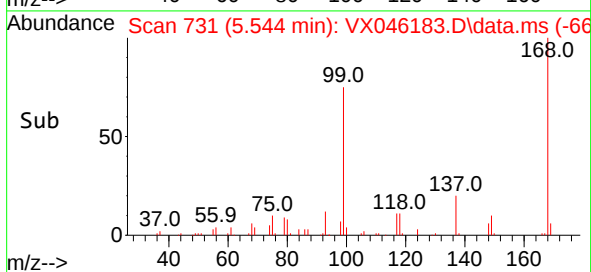
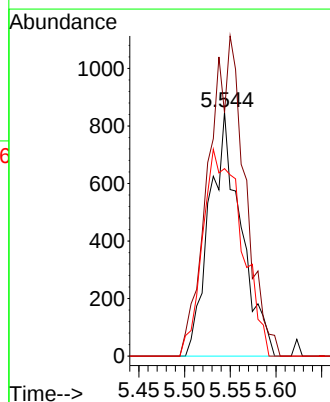
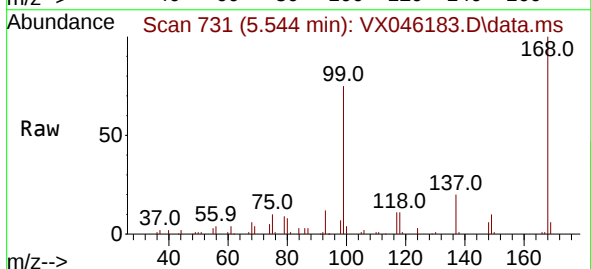
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

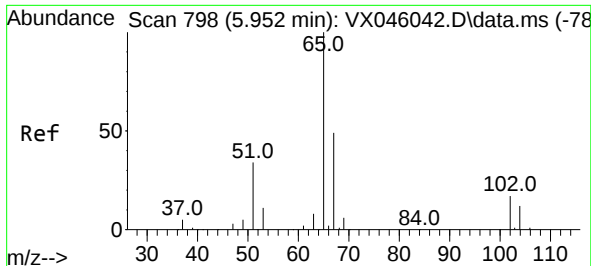
Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#31
Cyclohexane
Concen: 1.381 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Tgt Ion: 56 Resp: 2029
Ion Ratio Lower Upper
56 100
69 99.6 24.4 36.6#
84 76.8 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 53.684 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046183.D

Acq: 14 May 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

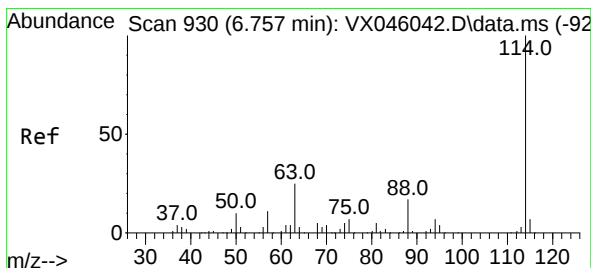
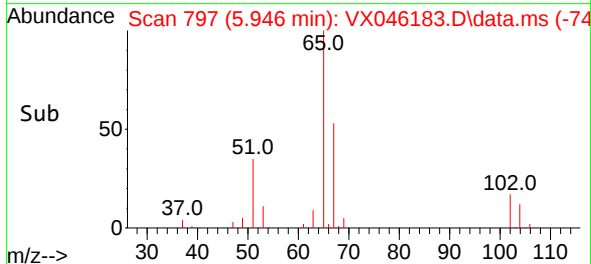
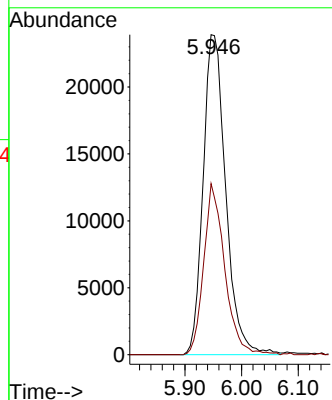
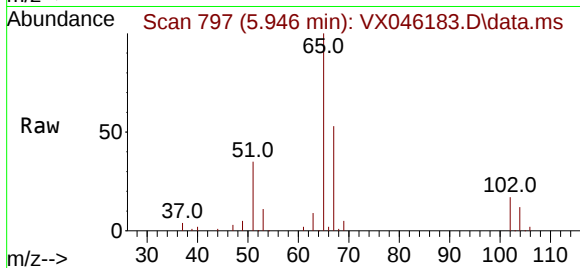
VX0514WBL01

Tgt Ion: 65 Resp: 66199

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046183.D

Acq: 14 May 2025 10:50

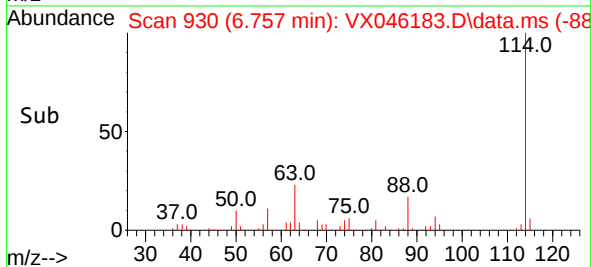
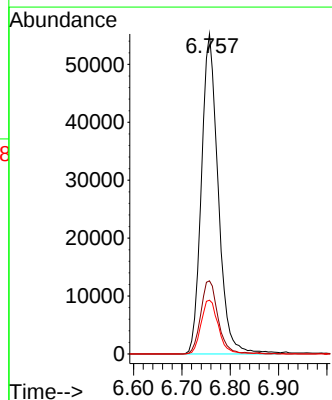
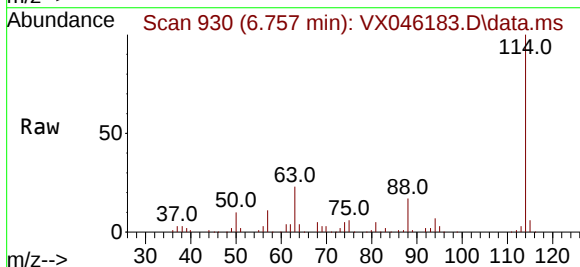
Tgt Ion: 114 Resp: 133003

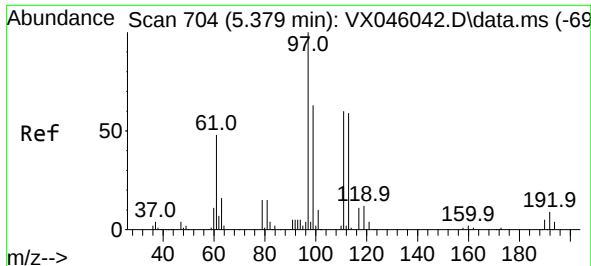
Ion Ratio Lower Upper

114 100

63 22.9 0.0 49.2

88 16.8 0.0 33.6

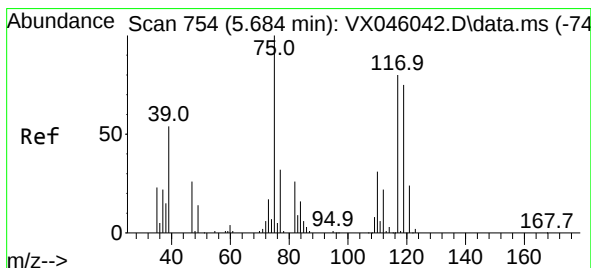
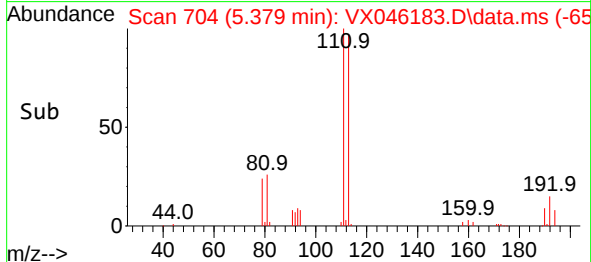
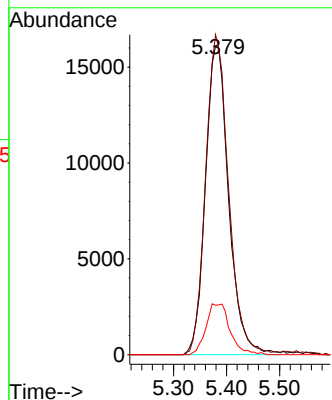
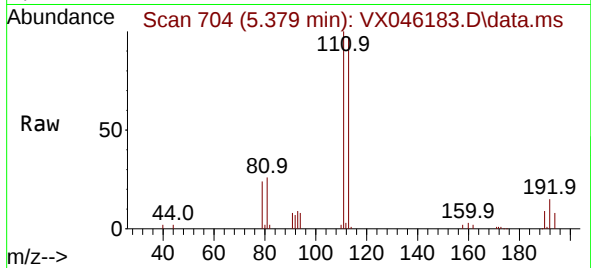




#35
Dibromofluoromethane
Concen: 51.202 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

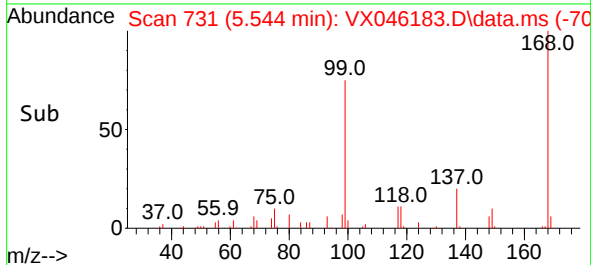
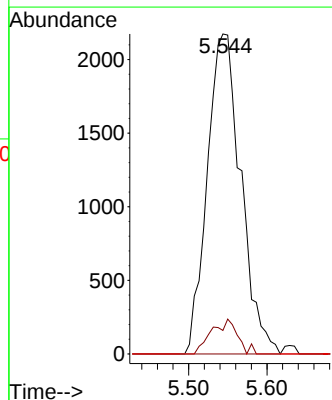
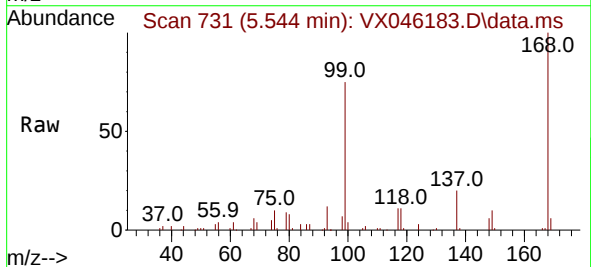
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

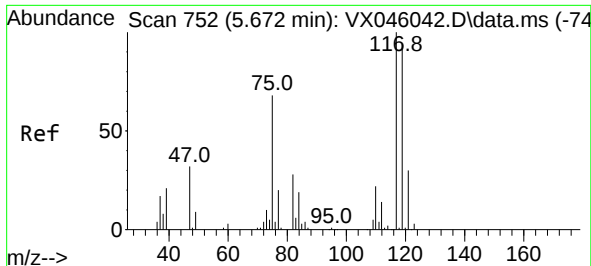
Tgt Ion:113 Resp: 49039
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 17.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.036 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

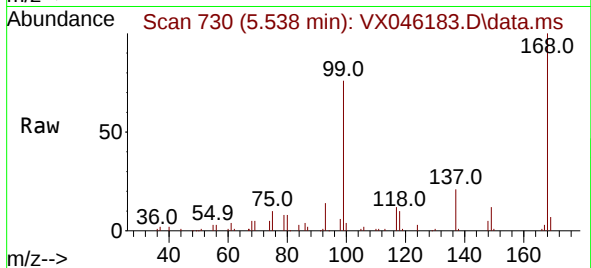
Tgt Ion: 75 Resp: 6481
Ion Ratio Lower Upper
75 100
110 8.5 16.3 48.9#
77 0.0 24.3 36.5#



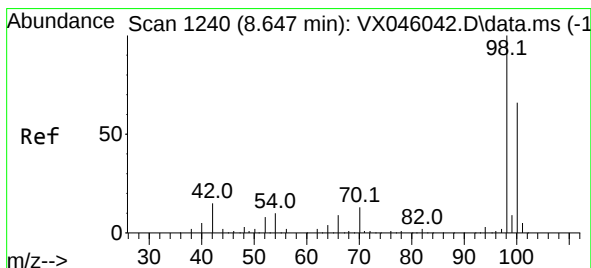
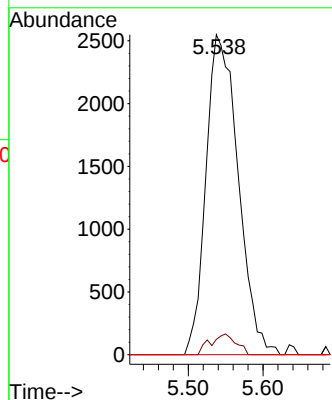
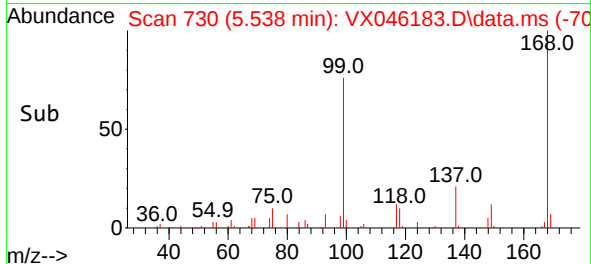


#38
Carbon Tetrachloride
Concen: 5.282 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

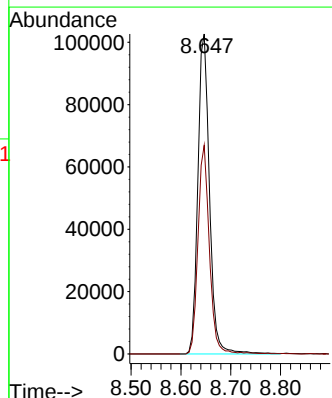
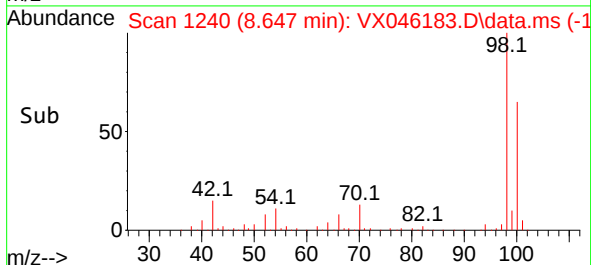
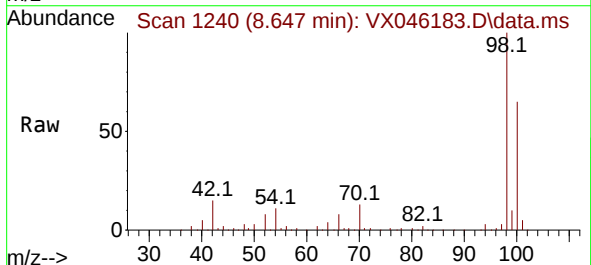


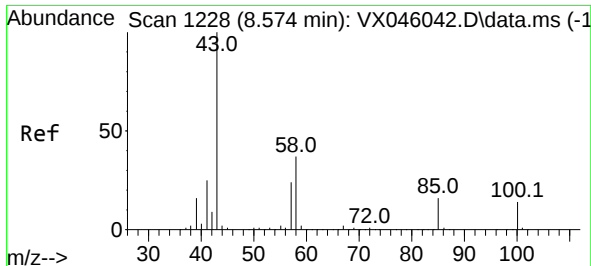
Tgt Ion:117 Resp: 7637
Ion Ratio Lower Upper
117 100
119 4.8 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.058 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Tgt Ion: 98 Resp: 165941
Ion Ratio Lower Upper
98 100
100 64.1 53.5 80.3

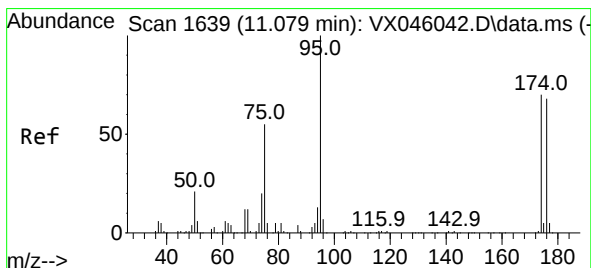
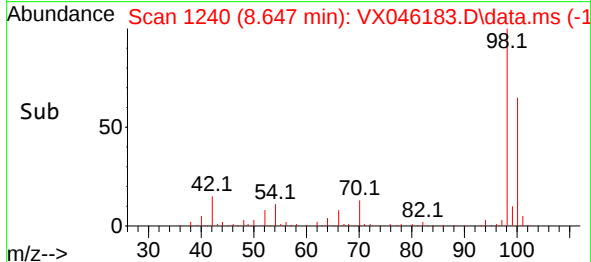
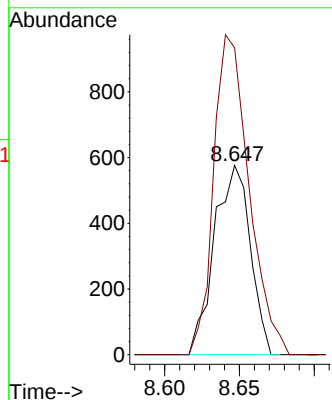
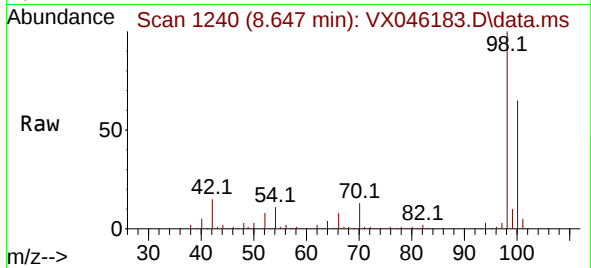




#51
4-Methyl-2-Pentanone
Concen: 0.597 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

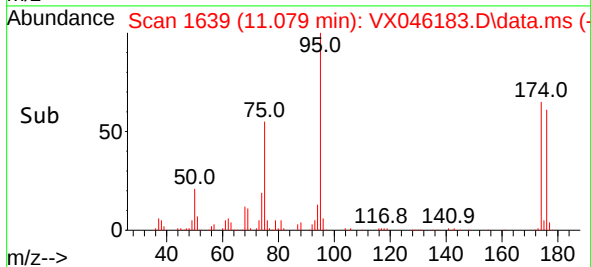
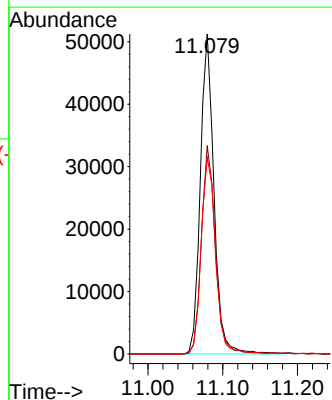
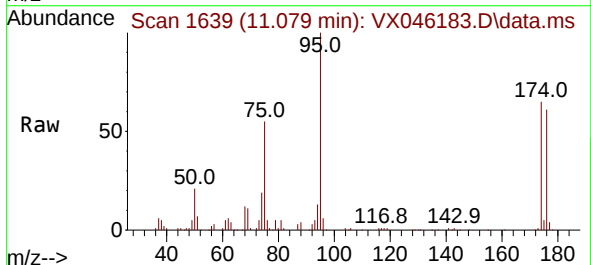
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

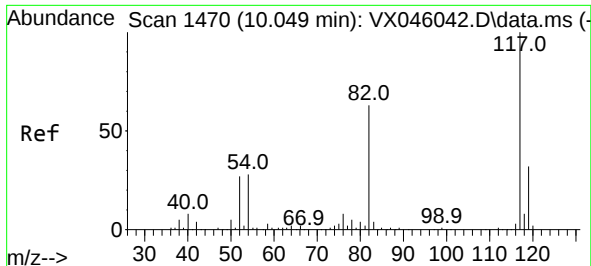
Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
58 166.6 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 51.057 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Tgt Ion: 95 Resp: 64922
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 64.8 0.0 131.4

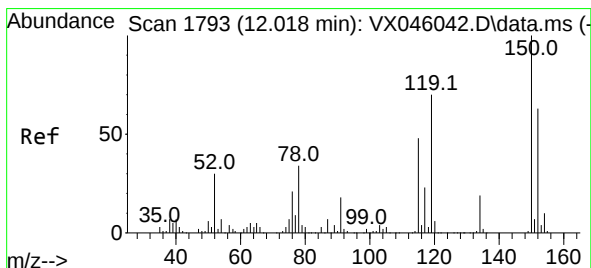
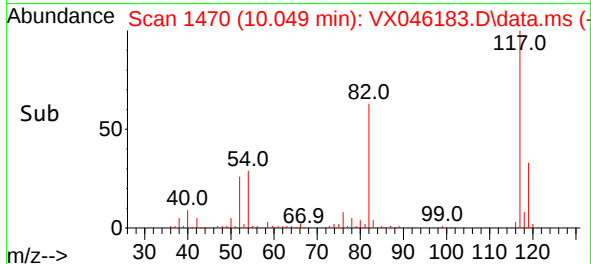
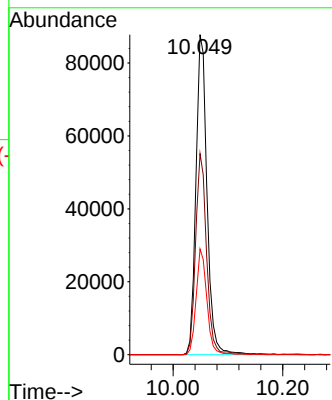
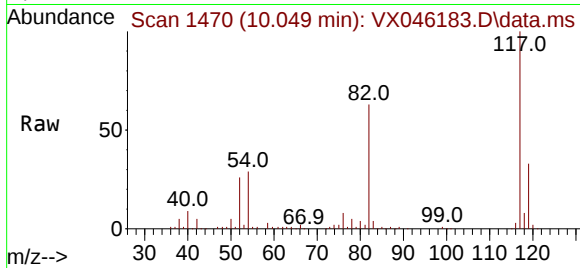




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

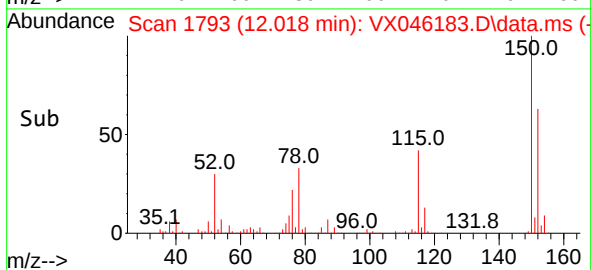
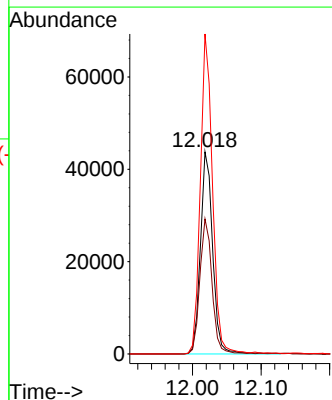
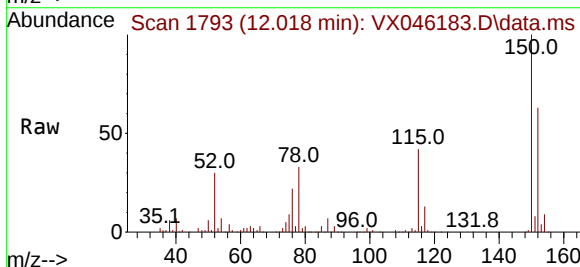
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

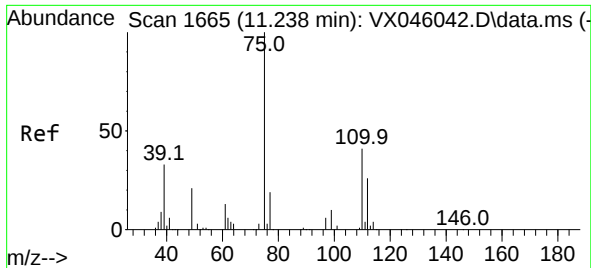
Tgt Ion:117 Resp: 124085
Ion Ratio Lower Upper
117 100
82 62.8 50.6 76.0
119 33.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Tgt Ion:152 Resp: 54666
Ion Ratio Lower Upper
152 100
115 66.4 46.9 140.7
150 156.1 0.0 351.0

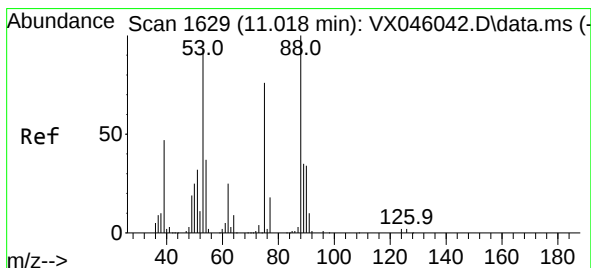
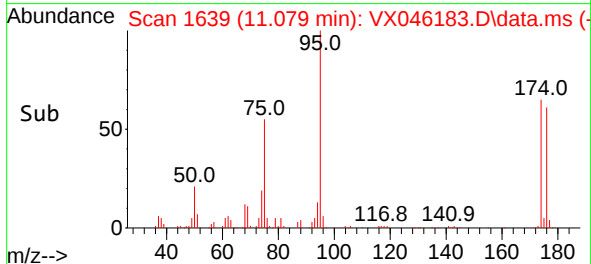
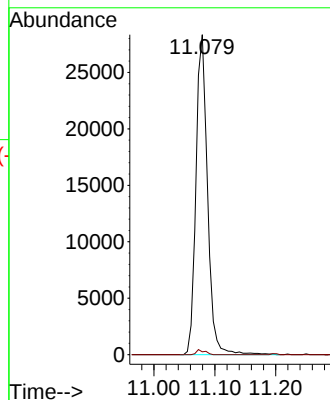
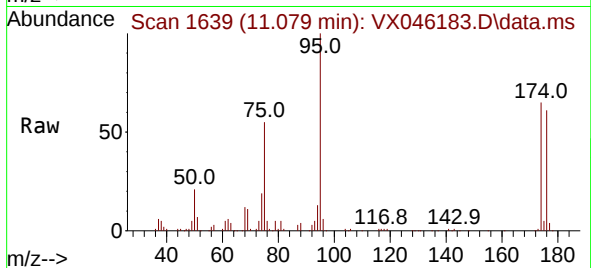




#76
1,2,3-Trichloropropane
Concen: 28.379 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

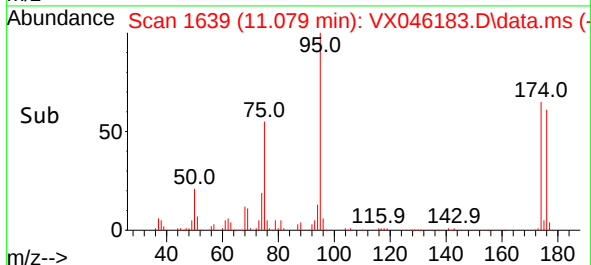
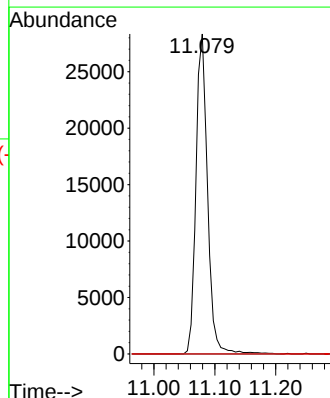
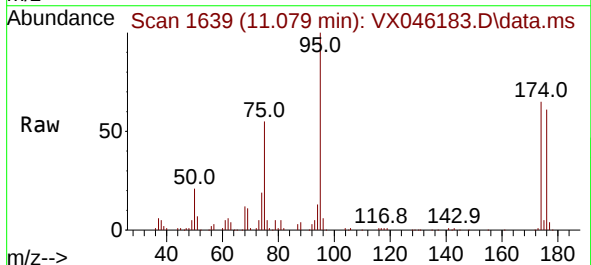
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

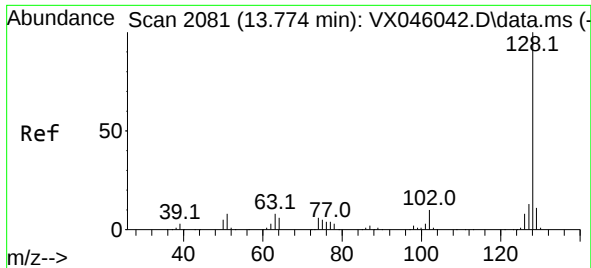
Tgt Ion: 75 Resp: 37342
Ion Ratio Lower Upper
75 100
77 1.2 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Tgt Ion: 75 Resp: 37342
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 0.336 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX046183.D

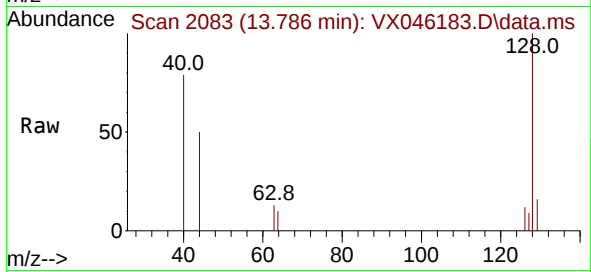
Acq: 14 May 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBL01



Tgt Ion:128 Resp: 1280

Ion Ratio Lower Upper

128 100

127 5.2 10.4 15.6#

129 7.3 8.6 13.0#

