

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046638.D
 Acq On : 11 Jun 2025 15:36
 Operator : JC/MD
 Sample : VX0611MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611MBL01

Quant Time: Jun 12 02:30:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

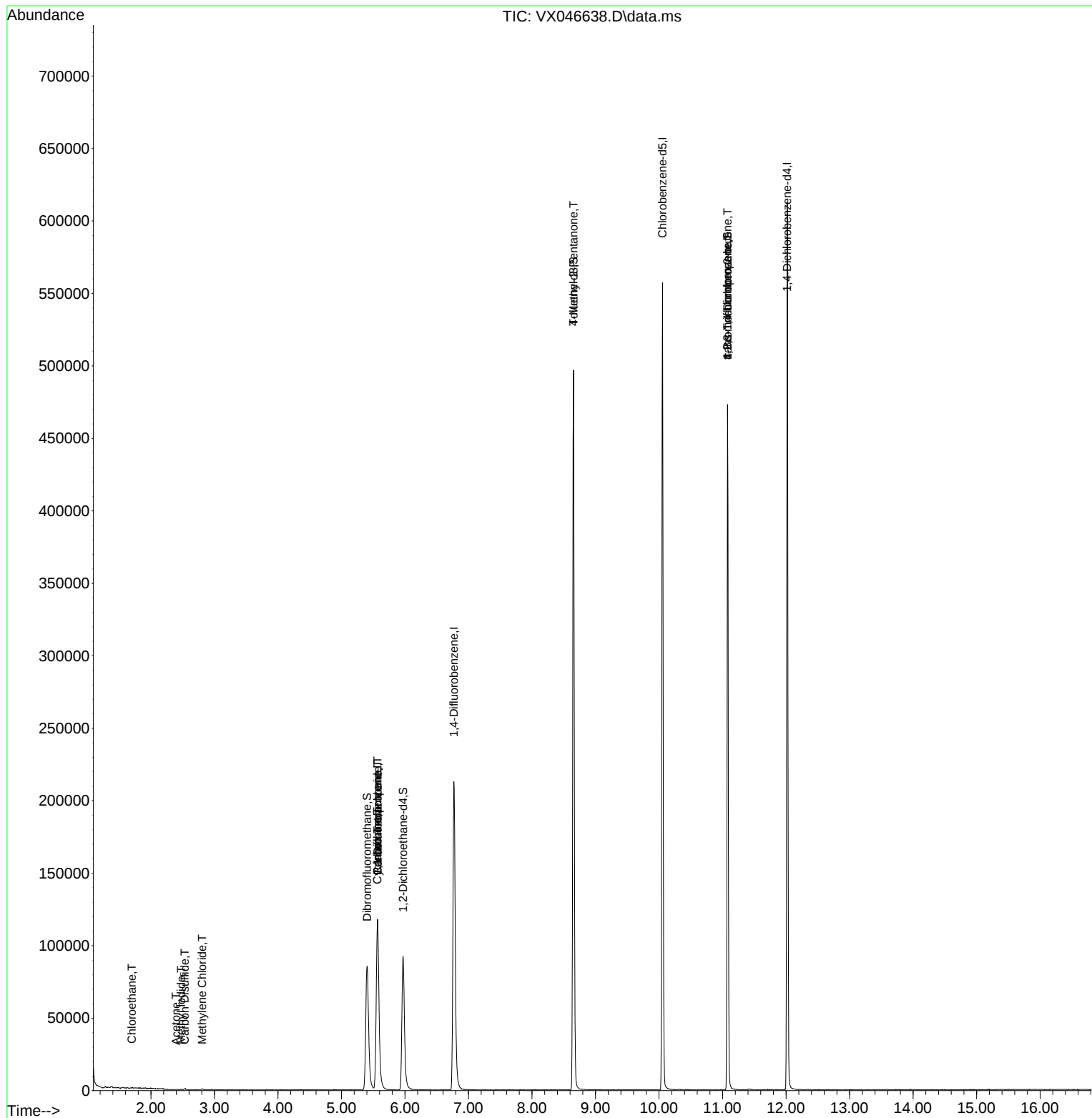
Internal Standards						
1) Pentafluorobenzene	5.568	168	111144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	99780	50.461	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.920%		
35) Dibromofluoromethane	5.403	113	82721	50.533	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.060%		
50) Toluene-d8	8.653	98	293378	54.361	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.720%		
62) 4-Bromofluorobenzene	11.079	95	126910	56.836	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 113.680%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	212	0.233	ug/l	89
10) Methyl Iodide	2.477	142	350	0.221	ug/l #	67
16) Acetone	2.392	43	525	5.258	ug/l #	83
17) Carbon Disulfide	2.532	76	644	0.431	ug/l #	76
20) Methylene Chloride	2.806	84	467	0.294	ug/l #	68
31) Cyclohexane	5.562	56	2914	1.268	ug/l #	32
36) 1,1-Dichloropropene	5.568	75	10103	4.321	ug/l #	52
38) Carbon Tetrachloride	5.568	117	12481	4.766	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1391	0.550	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	67254	27.011	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	67254	77.916	ug/l #	1

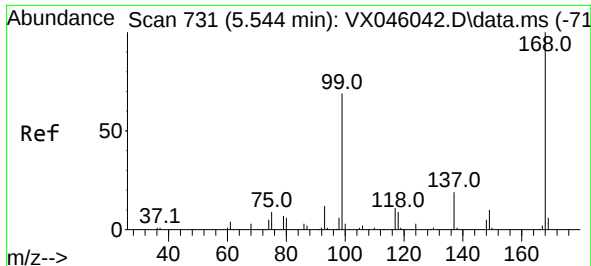
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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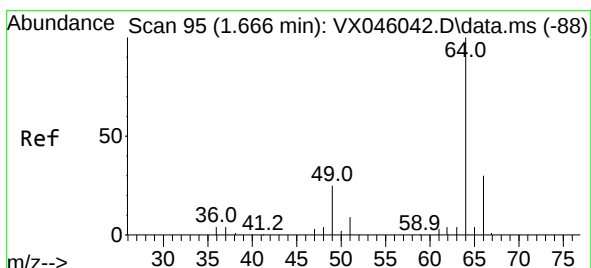
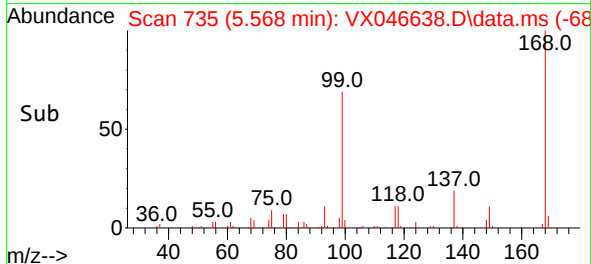
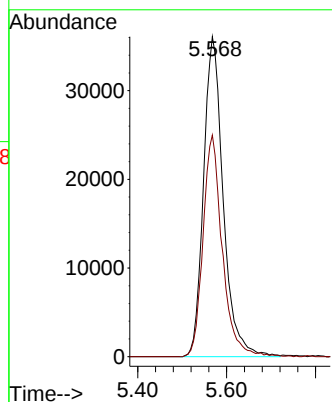
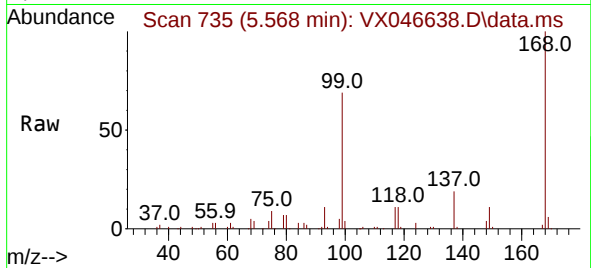




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

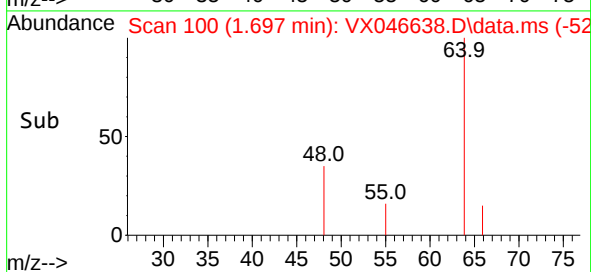
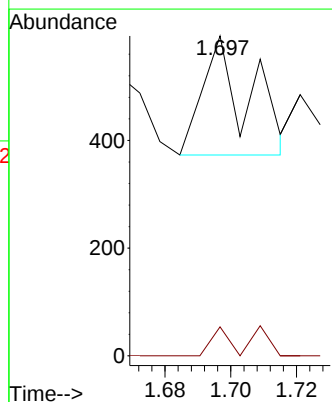
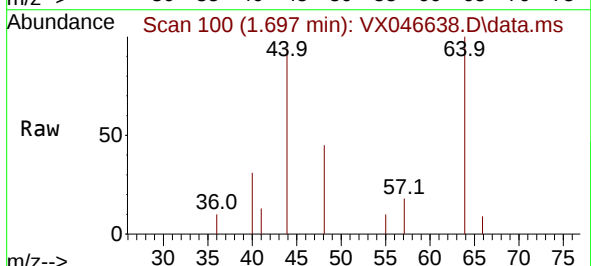
Instrument :
MSVOA_X
ClientSampleId :
VX0611MBL01

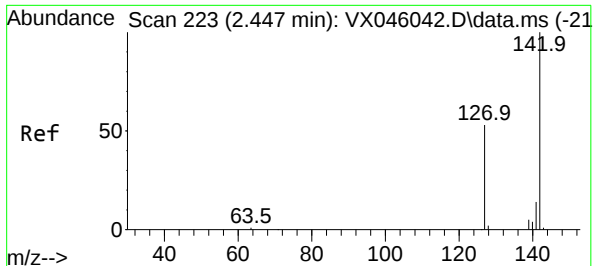
Tgt Ion:168 Resp: 111144
Ion Ratio Lower Upper
168 100
99 69.2 54.9 82.3



#6
Chloroethane
Concen: 0.233 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

Tgt Ion: 64 Resp: 212
Ion Ratio Lower Upper
64 100
66 24.4 24.3 36.5

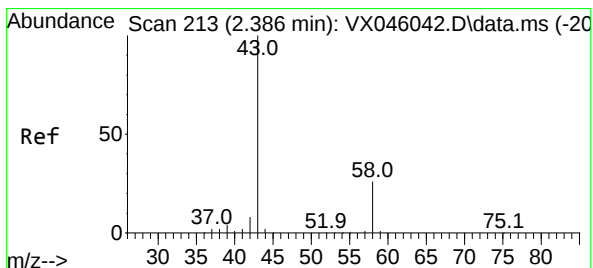
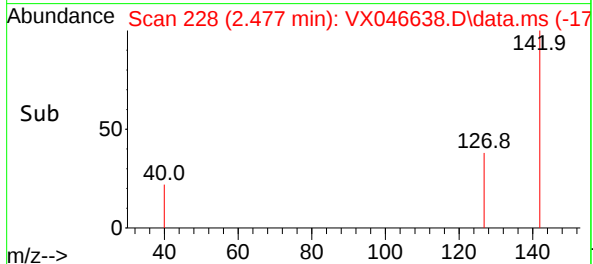
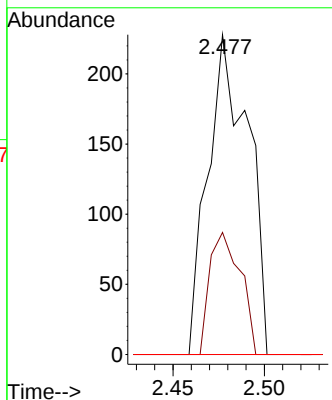
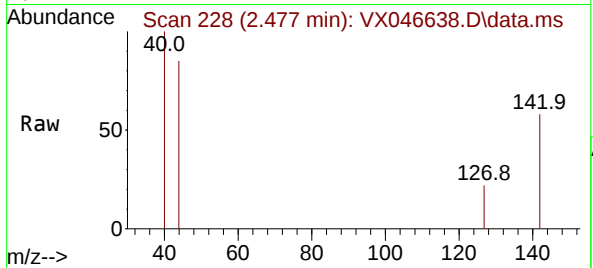




#10
Methyl Iodide
Concen: 0.221 ug/l
RT: 2.477 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

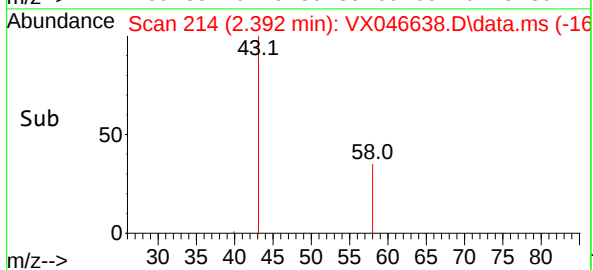
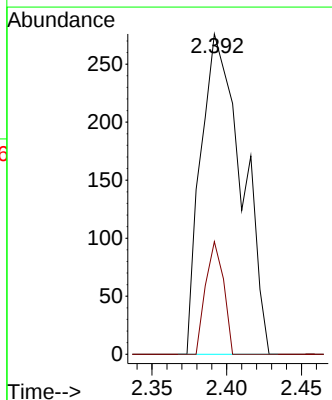
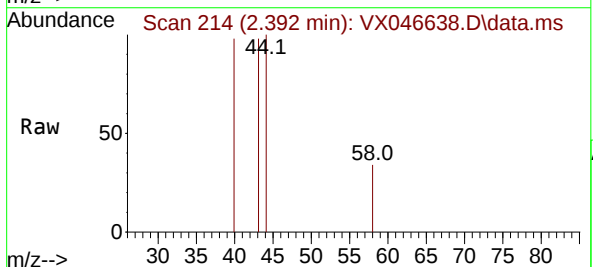
Instrument :
MSVOA_X
ClientSampleId :
VX0611MBL01

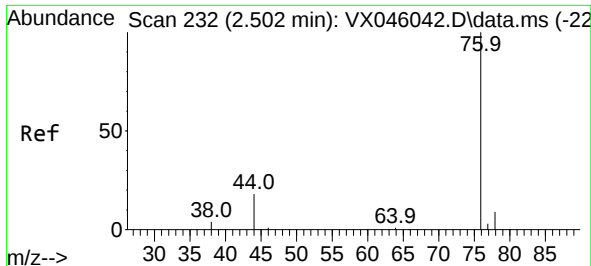
Tgt Ion:142 Resp: 350
Ion Ratio Lower Upper
142 100
127 29.1 41.7 62.5#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 5.258 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
58 35.1 21.2 31.8#

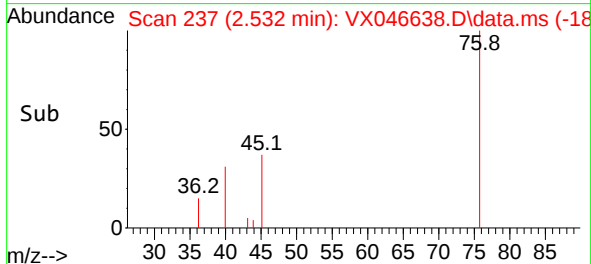
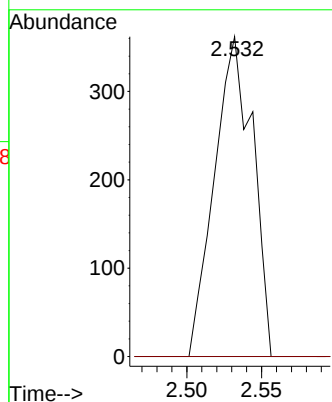
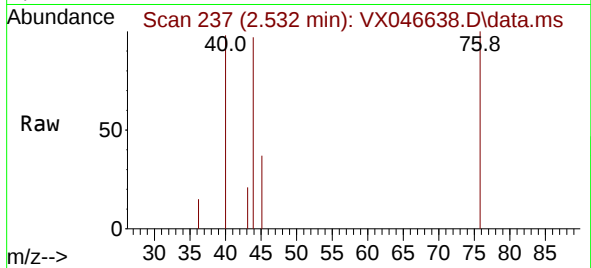




#17
Carbon Disulfide
Concen: 0.431 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

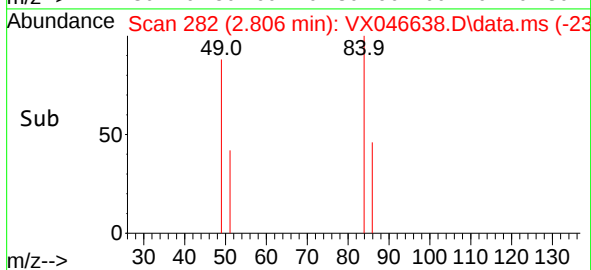
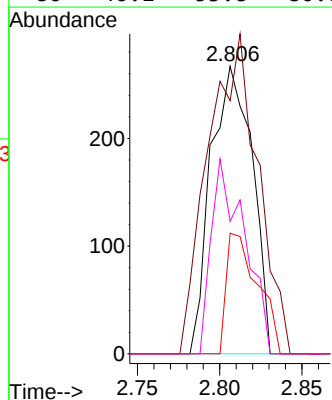
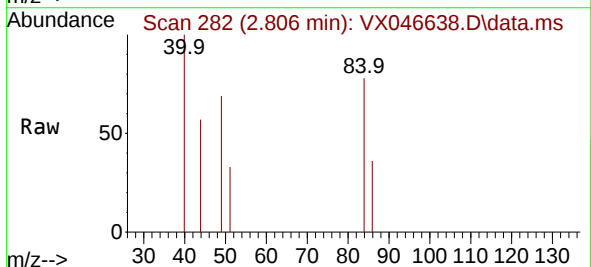
Instrument :
MSVOA_X
ClientSampleId :
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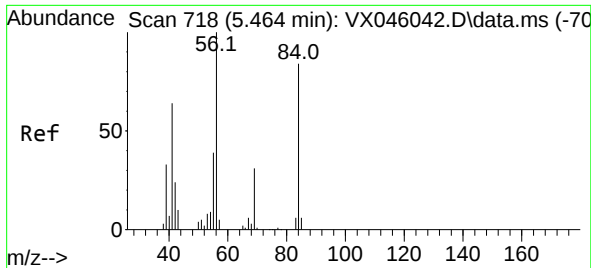
Tgt Ion: 76 Resp: 644
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

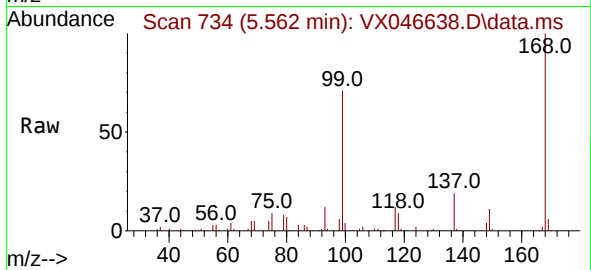
Tgt Ion: 84 Resp: 467
Ion Ratio Lower Upper
84 100
49 88.0 113.9 170.9#
51 41.9 33.5 50.3
86 46.1 53.8 80.8#



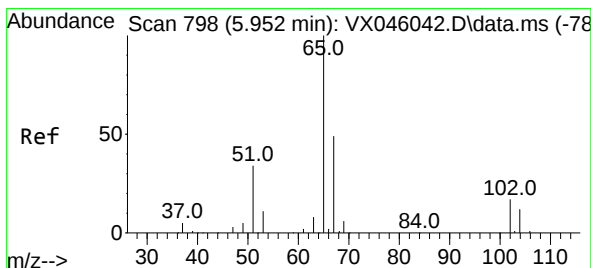
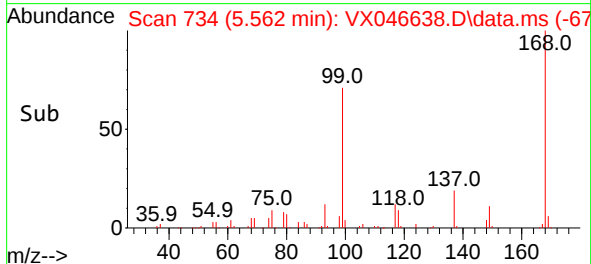
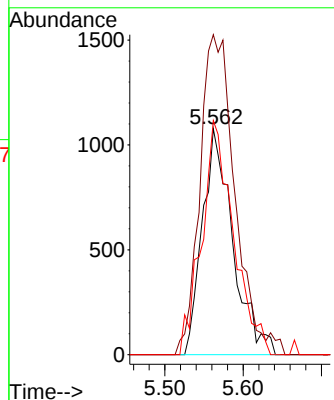


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

Instrument :
MSVOA_X
ClientSampleId :
VX0611MBL01

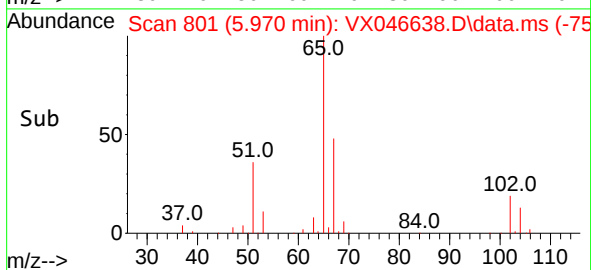
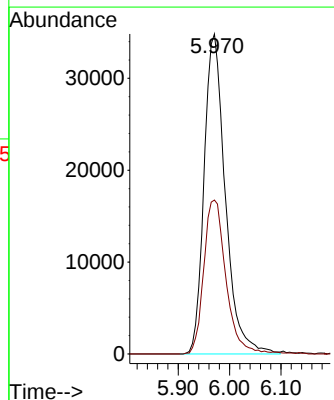
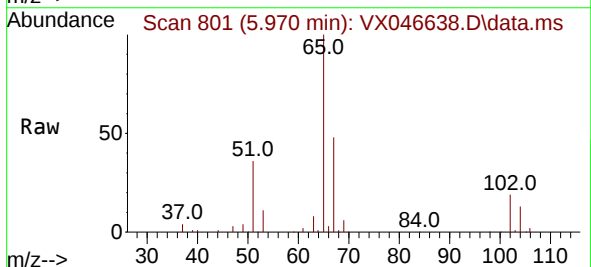


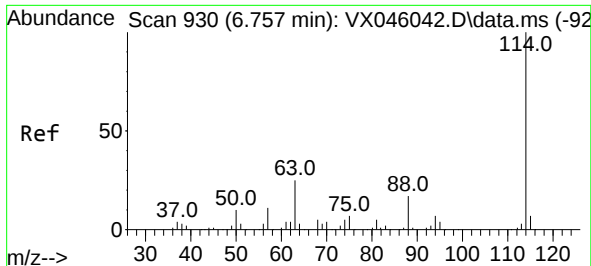
Tgt Ion: 56 Resp: 2914
Ion Ratio Lower Upper
56 100
69 135.4 24.4 36.6#
84 103.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.461 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

Tgt Ion: 65 Resp: 99780
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.0

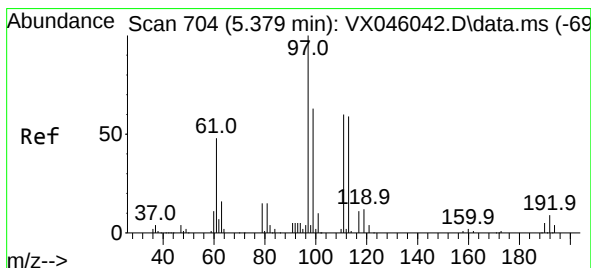
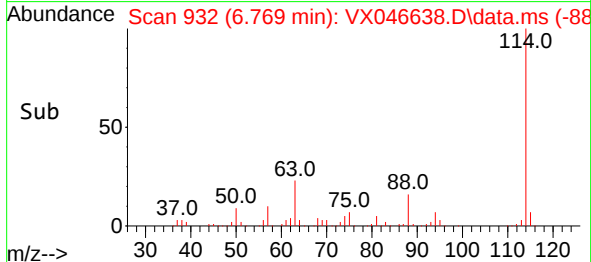
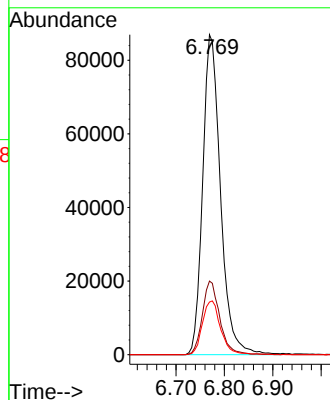
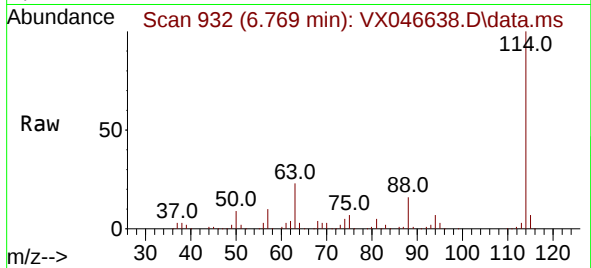




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

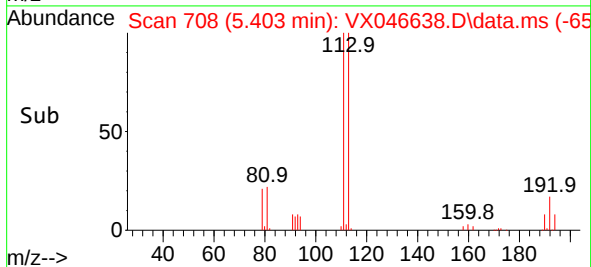
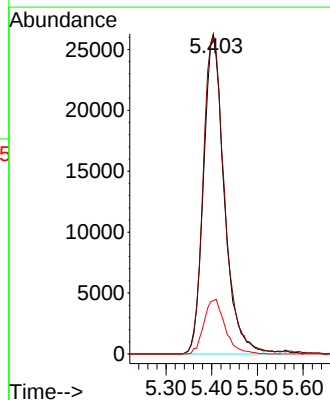
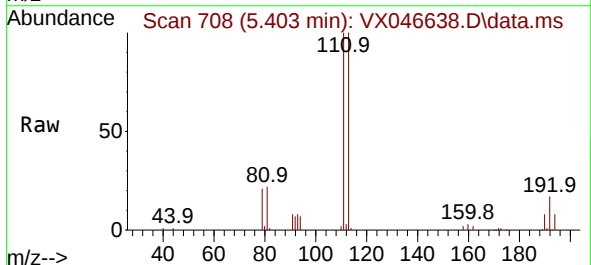
Instrument :
MSVOA_X
ClientSampleId :
VX0611MBL01

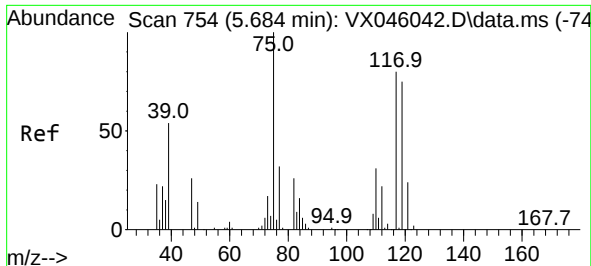
Tgt Ion:114 Resp: 222596
Ion Ratio Lower Upper
114 100
63 23.0 0.0 49.2
88 16.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.533 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

Tgt Ion:113 Resp: 82721
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 17.4 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.321 ug/l

RT: 5.568 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX046638.D

Acq: 11 Jun 2025 15:36

Instrument :

MSVOA_X

ClientSampleId :

VX0611MBL01

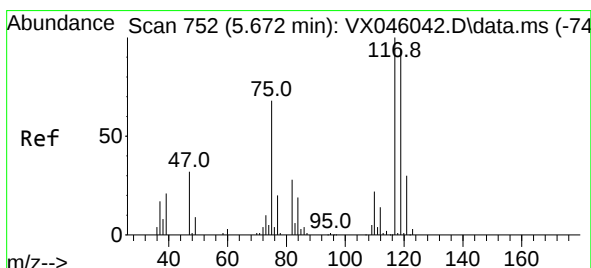
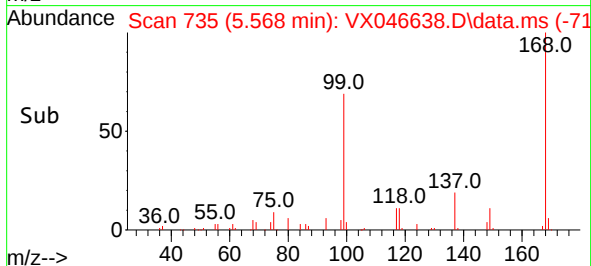
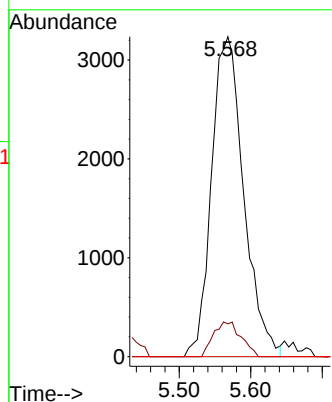
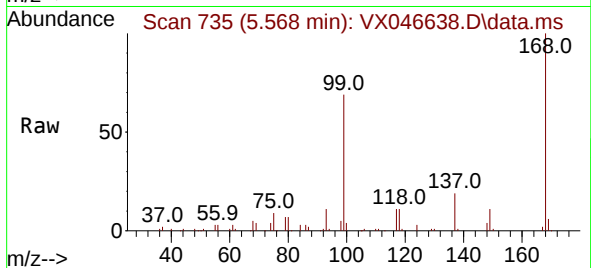
Tgt Ion: 75 Resp: 10103

Ion Ratio Lower Upper

75 100

110 9.3 16.3 48.9#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.766 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.128 min

Lab File: VX046638.D

Acq: 11 Jun 2025 15:36

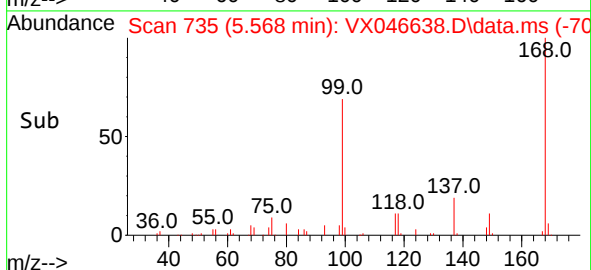
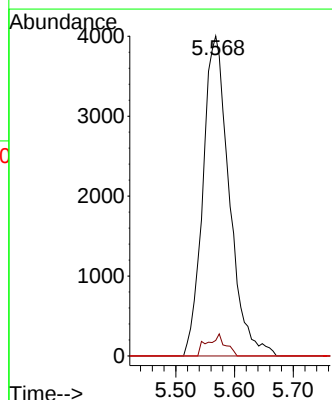
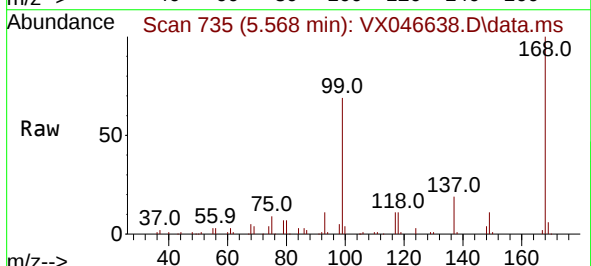
Tgt Ion: 117 Resp: 12481

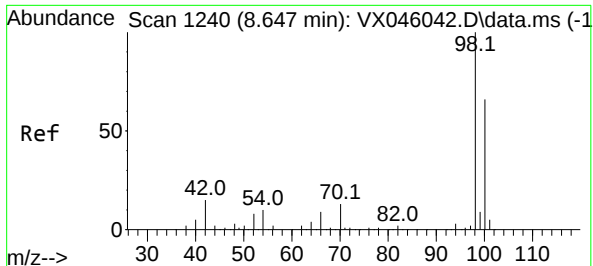
Ion Ratio Lower Upper

117 100

119 4.9 75.2 112.8#

121 0.0 24.2 36.4#

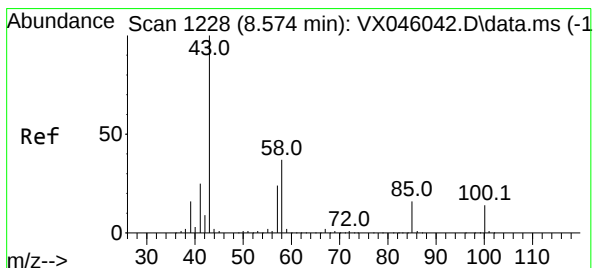
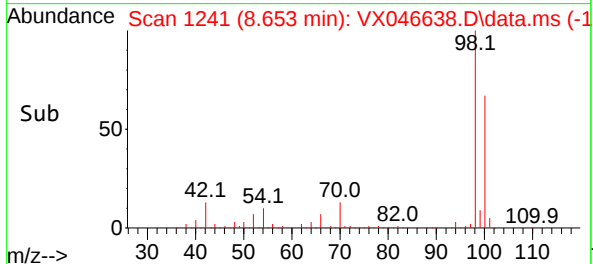
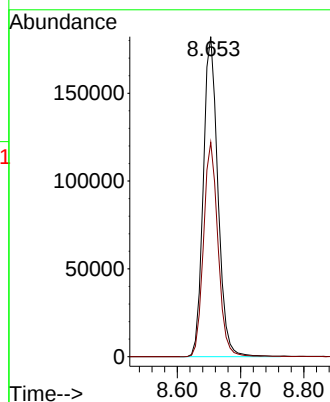
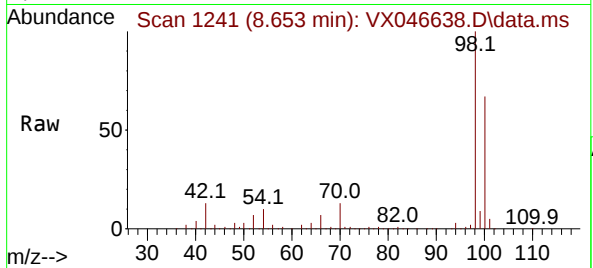




#50
Toluene-d8
Concen: 54.361 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

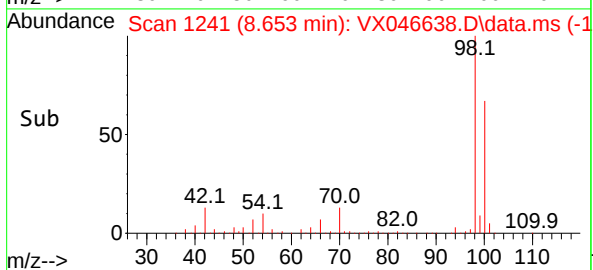
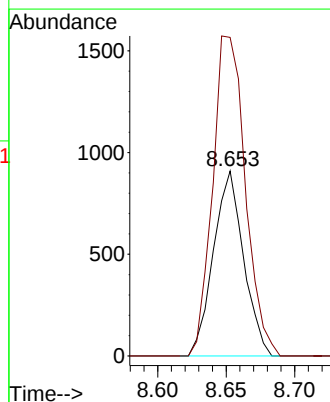
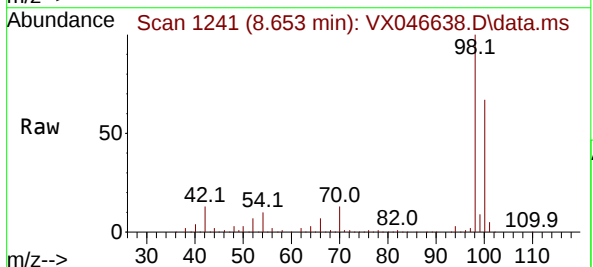
Instrument :
MSVOA_X
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VX0611MBL01

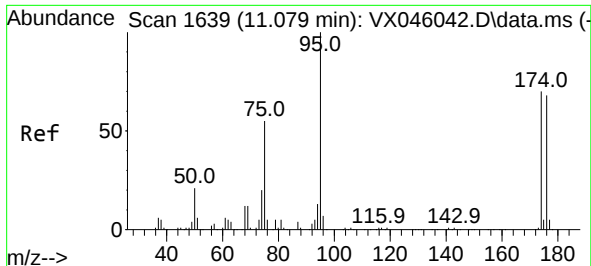
Tgt Ion: 98 Resp: 293378
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.550 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
58 187.5 28.9 43.3#

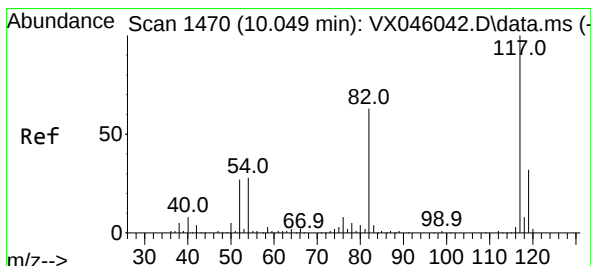
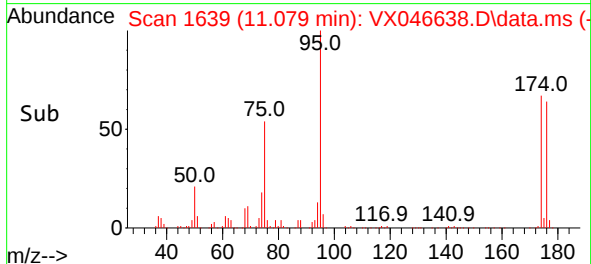
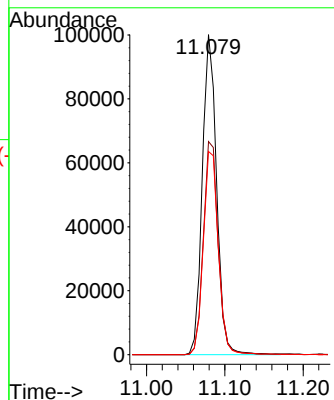
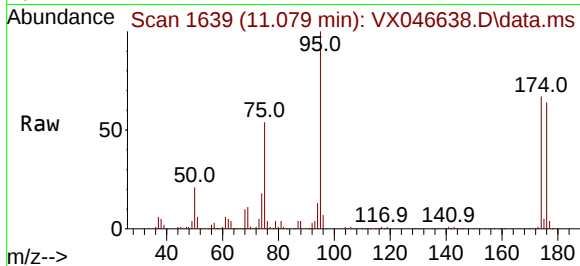




#62
4-Bromofluorobenzene
Concen: 56.836 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

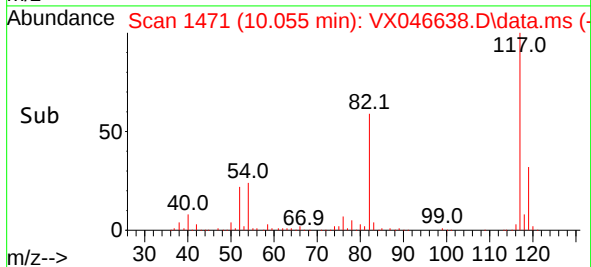
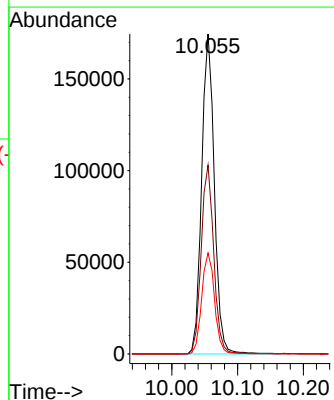
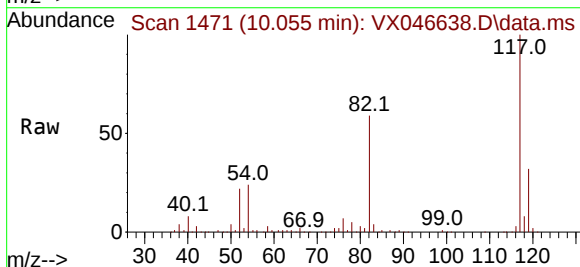
Instrument :
MSVOA_X
ClientSampleId :
VX0611MBL01

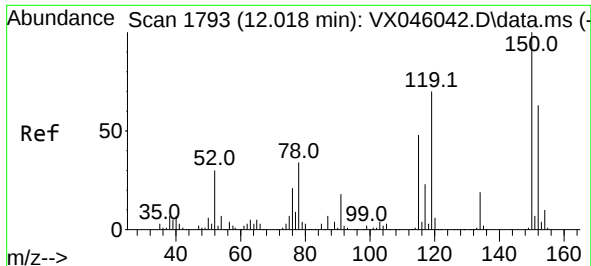
Tgt Ion: 95 Resp: 126910
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 67.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

Tgt Ion: 117 Resp: 233306
Ion Ratio Lower Upper
117 100
82 59.0 50.6 76.0
119 31.5 25.8 38.6

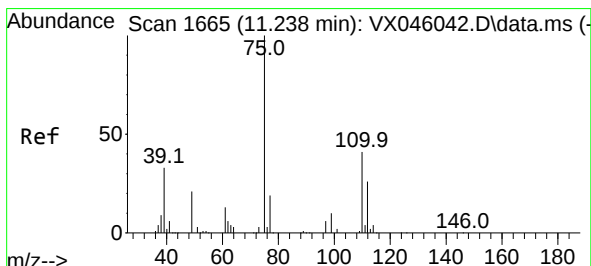
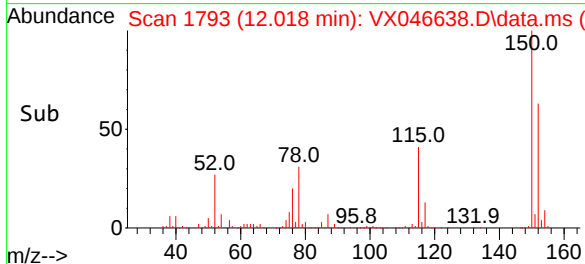
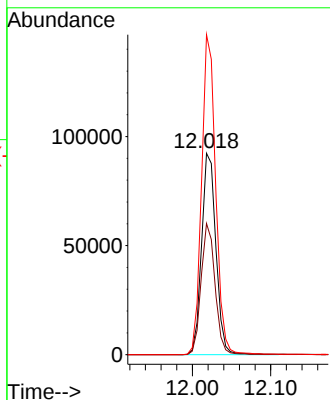
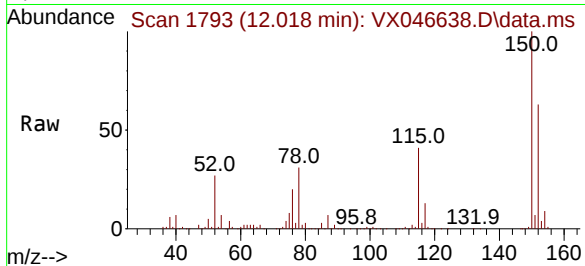




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

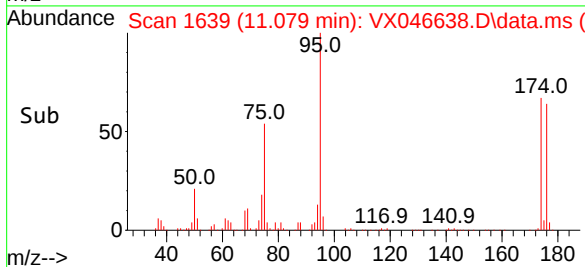
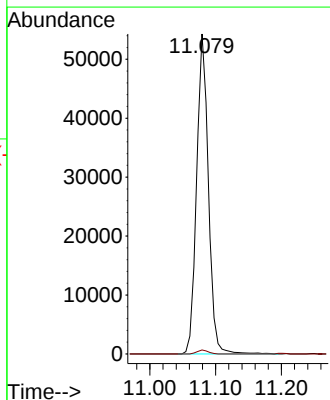
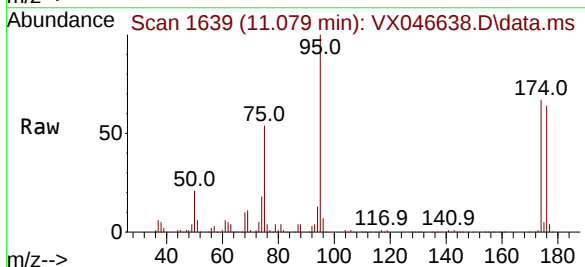
Instrument :
MSVOA_X
ClientSampleId :
VX0611MBL01

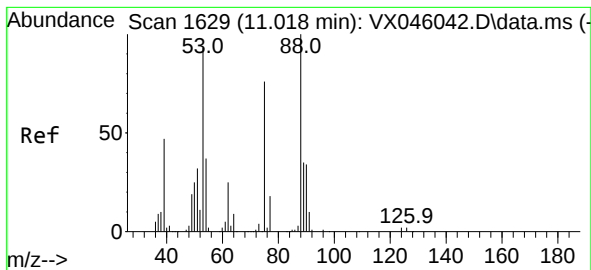
Tgt Ion:152 Resp: 117551
Ion Ratio Lower Upper
152 100
115 63.3 46.9 140.7
150 156.5 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 27.011 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

Tgt Ion: 75 Resp: 67254
Ion Ratio Lower Upper
75 100
77 1.2 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.916 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046638.D
 Acq: 11 Jun 2025 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611MBL01

Tgt Ion: 75 Resp: 67254
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

