

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046684.D
 Acq On : 13 Jun 2025 13:19
 Operator : JC/MD
 Sample : VX0613WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBL02

Quant Time: Jun 13 23:27:14 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)

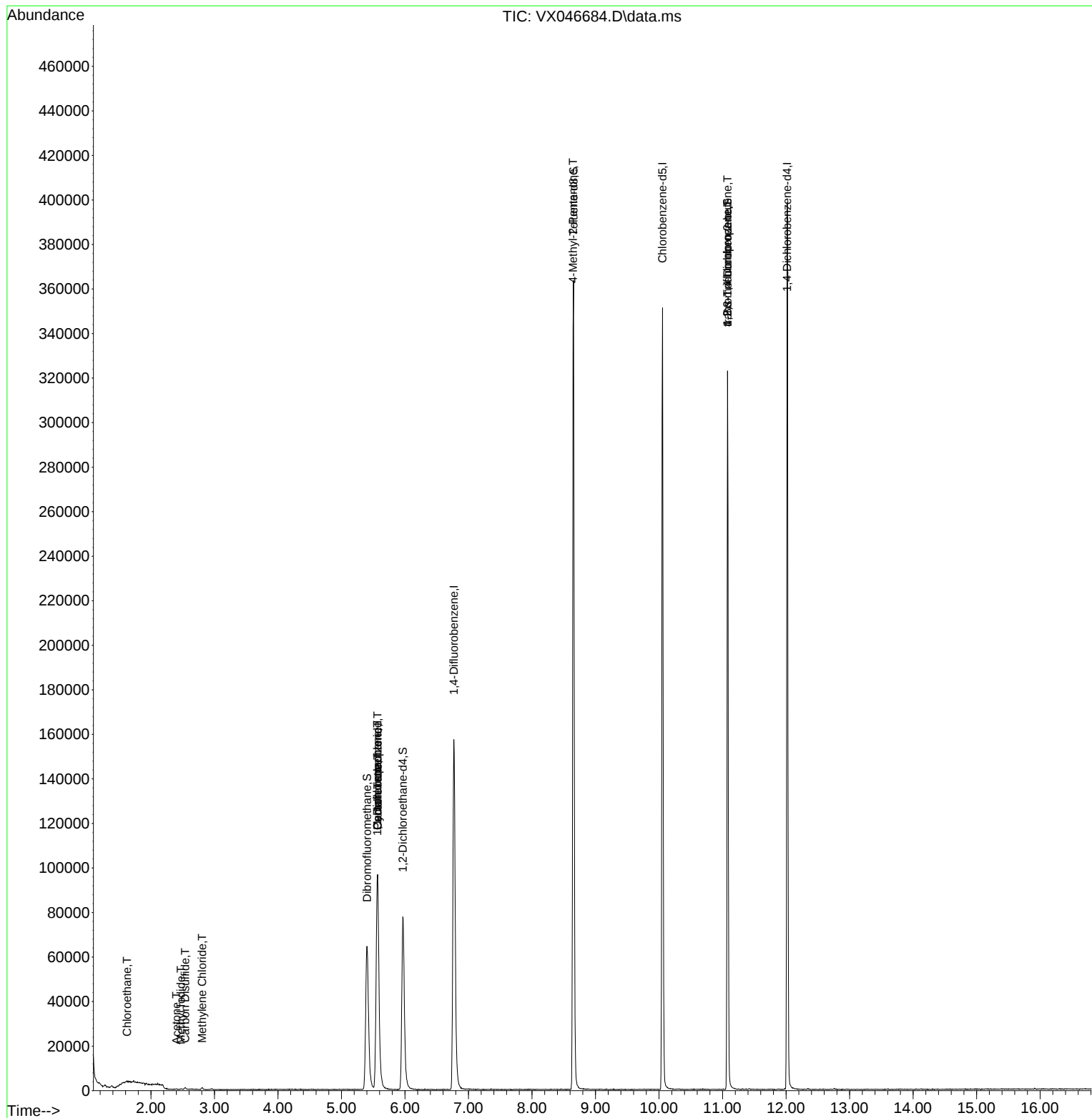
Internal Standards						
1) Pentafluorobenzene	5.568	168	93820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	167354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83712	50.152	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.300%	
35) Dibromofluoromethane	5.403	113	61934	50.324	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.640%	
50) Toluene-d8	8.653	98	219047	53.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.980%	
62) 4-Bromofluorobenzene	11.079	95	85998	51.227	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.460%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.624	64	2297	2.996	ug/l #	61
10) Methyl Iodide	2.471	142	411	0.308	ug/l #	76
16) Acetone	2.398	43	445	5.261	ug/l #	48
17) Carbon Disulfide	2.538	76	943	0.600	ug/l #	76
20) Methylene Chloride	2.806	84	403	0.301	ug/l #	85
31) Cyclohexane	5.568	56	2375	1.224	ug/l #	27
36) 1,1-Dichloropropene	5.562	75	8389	4.772	ug/l #	53
38) Carbon Tetrachloride	5.568	117	10890	5.531	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1041	0.548	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45998	29.211	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	45998	84.263	ug/l #	1

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

Quant Time: Jun 13 23:27:14 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

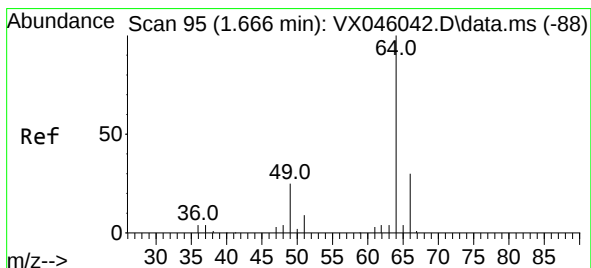
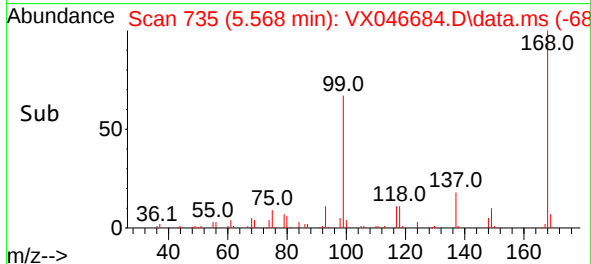
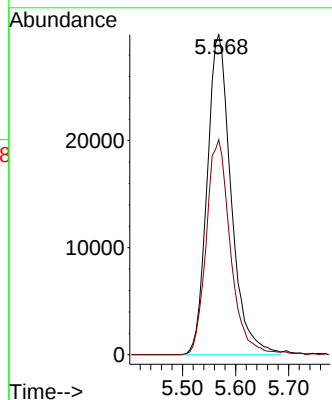
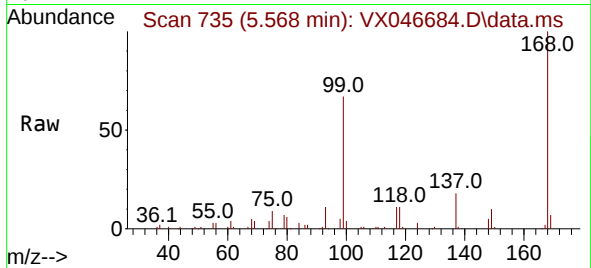




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

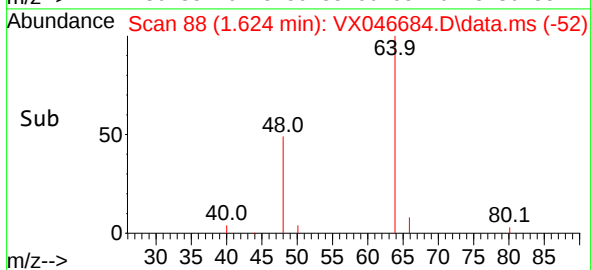
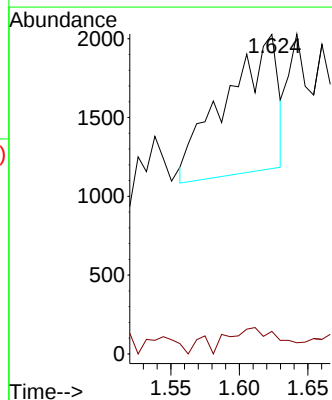
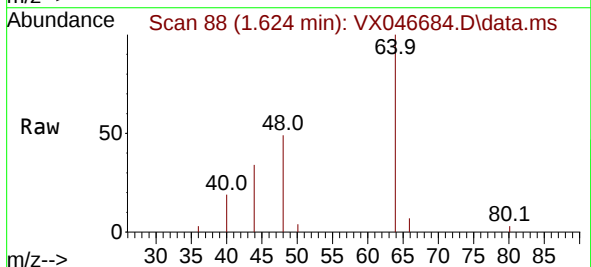
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

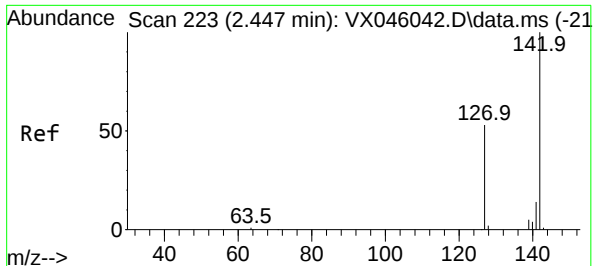
Tgt Ion:168 Resp: 93820
Ion Ratio Lower Upper
168 100
99 67.2 54.9 82.3



#6
Chloroethane
Concen: 2.996 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.079 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

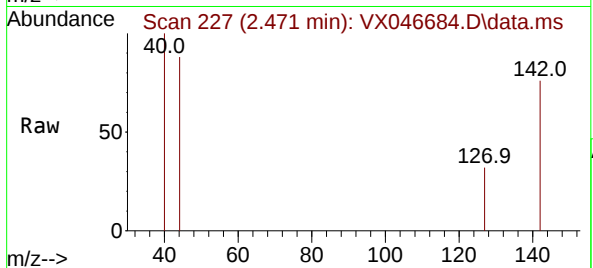
Tgt Ion: 64 Resp: 2297
Ion Ratio Lower Upper
64 100
66 9.1 24.3 36.5#



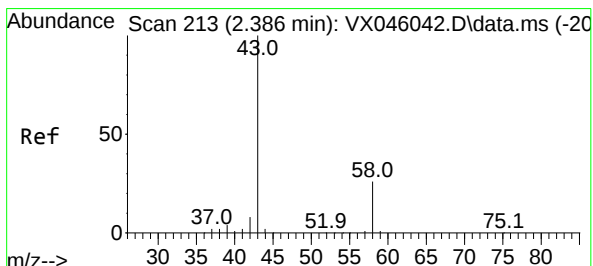
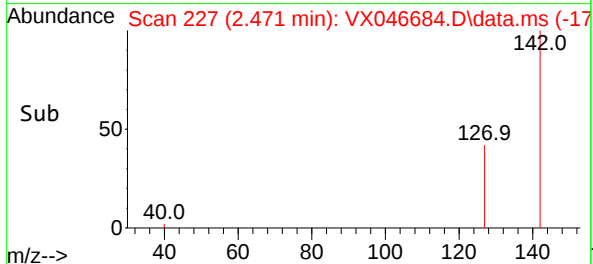
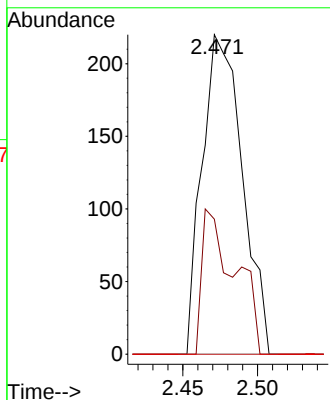


#10
Methyl Iodide
Concen: 0.308 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

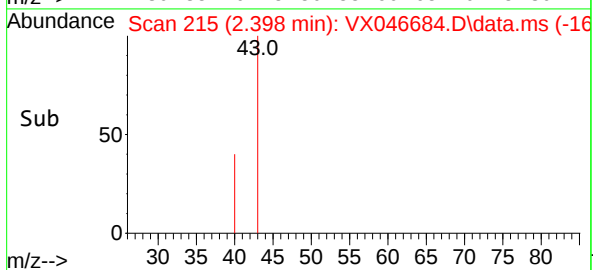
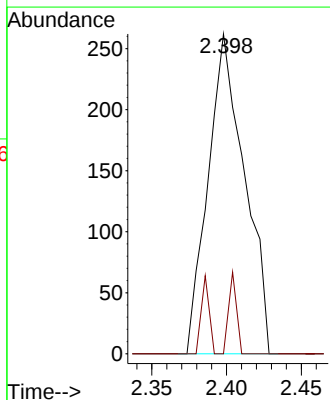
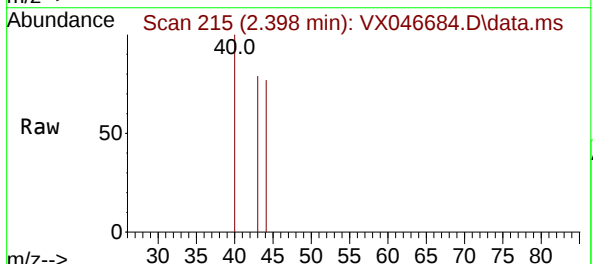


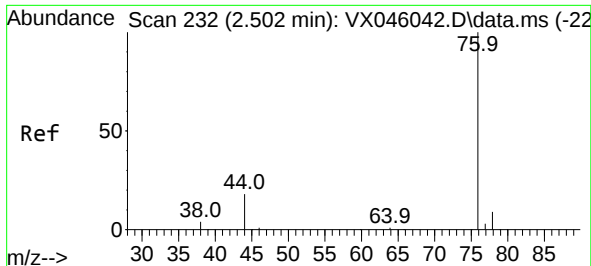
Tgt Ion:142 Resp: 411
Ion Ratio Lower Upper
142 100
127 37.2 41.7 62.5#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 5.261 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Tgt Ion: 43 Resp: 445
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#

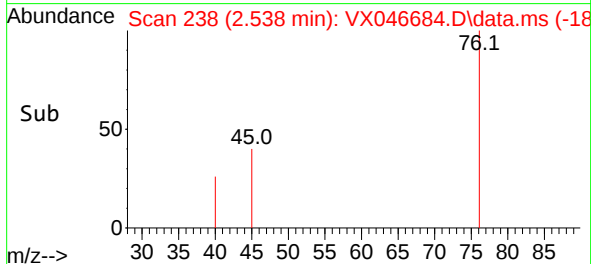
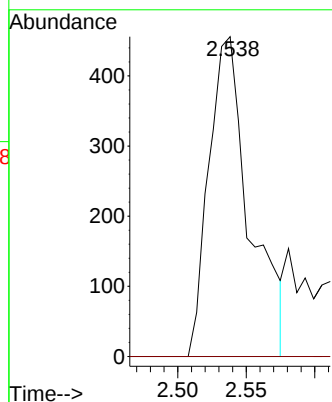
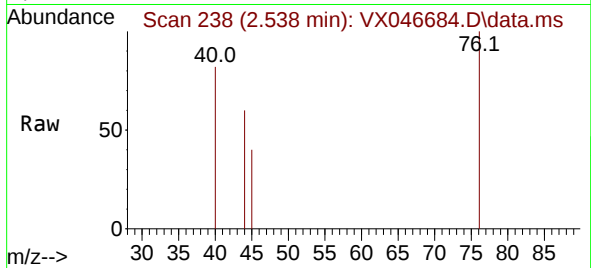




#17
Carbon Disulfide
Concen: 0.600 ug/l
RT: 2.538 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

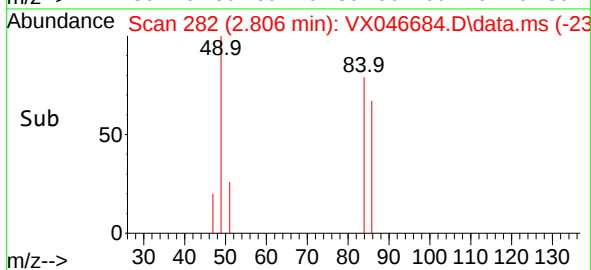
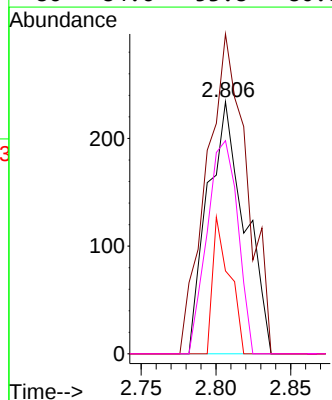
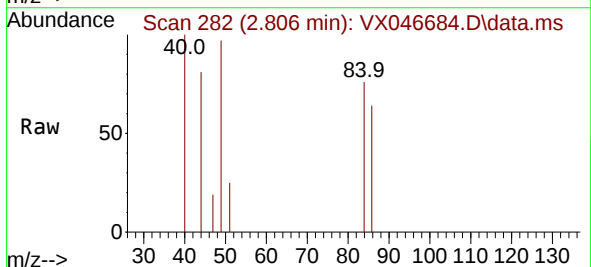
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

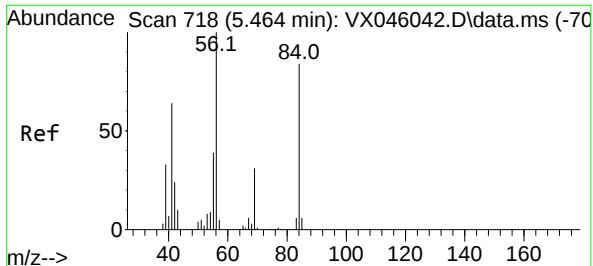
Tgt Ion: 76 Resp: 943
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

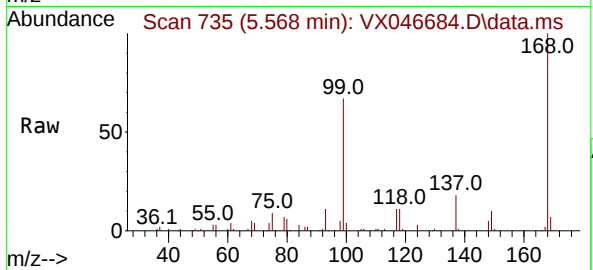
Tgt Ion: 84 Resp: 403
Ion Ratio Lower Upper
84 100
49 126.9 113.9 170.9
51 32.9 33.5 50.3#
86 84.6 53.8 80.8#



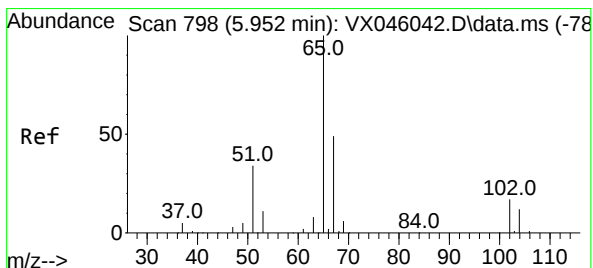
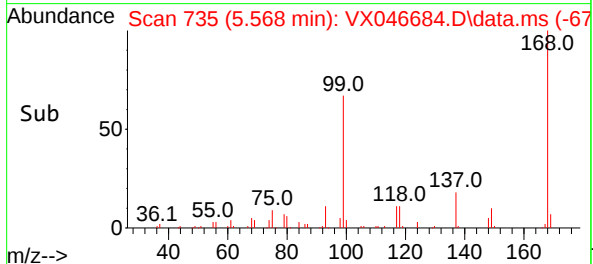
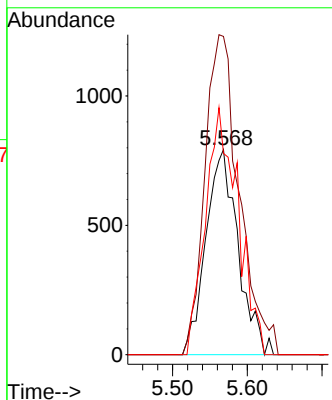


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 5.568 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

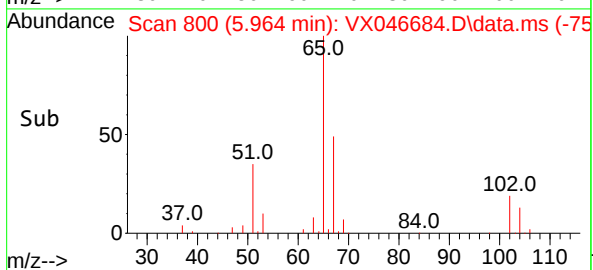
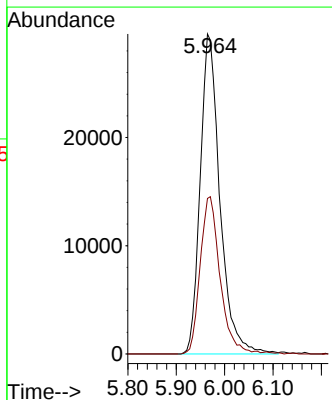
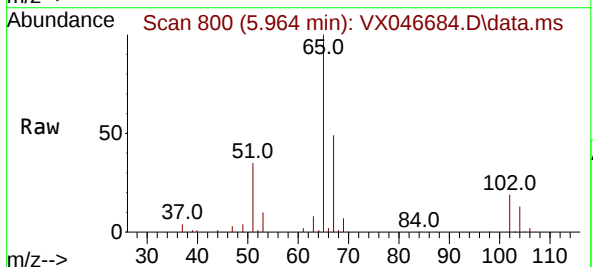


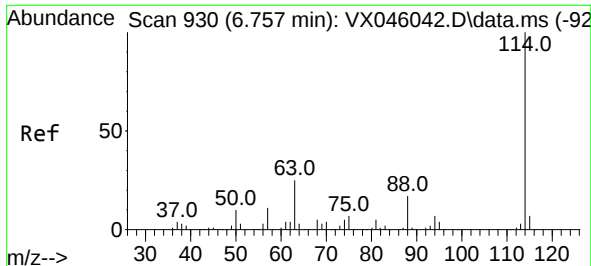
Tgt Ion: 56 Resp: 2375
Ion Ratio Lower Upper
56 100
69 155.1 24.4 36.6#
84 98.1 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 50.152 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Tgt Ion: 65 Resp: 83712
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

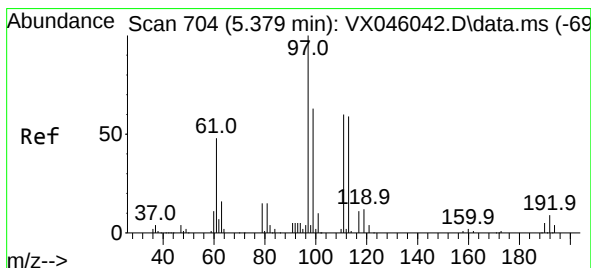
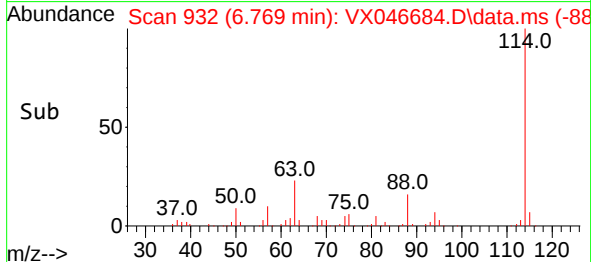
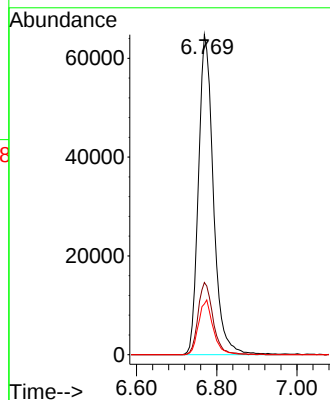
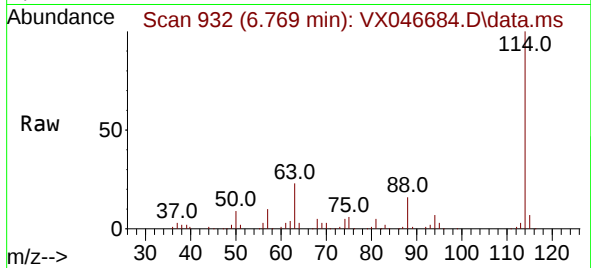




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

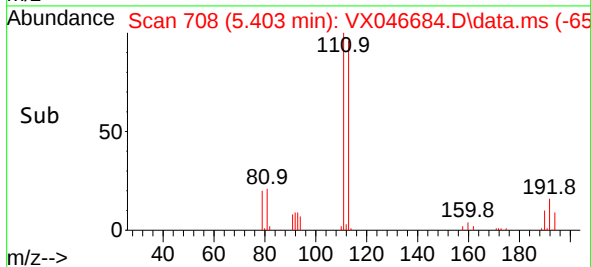
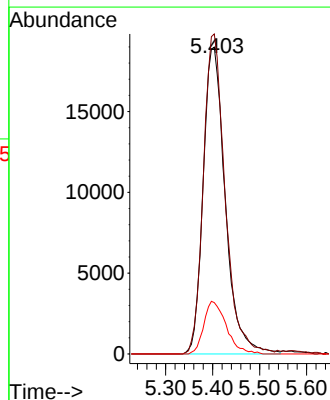
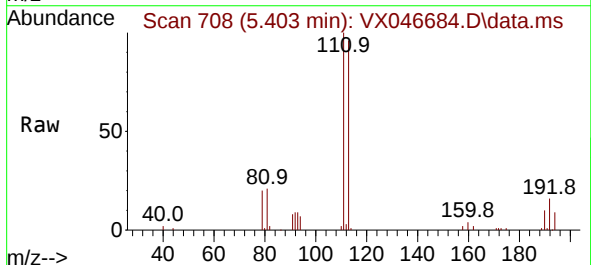
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

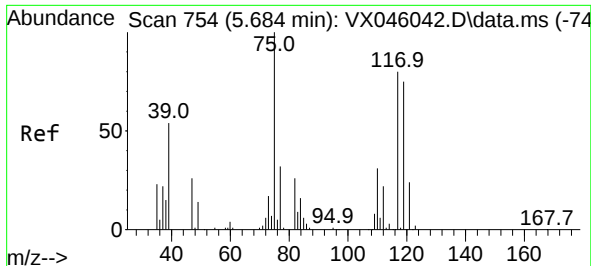
Tgt Ion:114 Resp: 167354
Ion Ratio Lower Upper
114 100
63 22.5 0.0 49.2
88 15.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.324 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

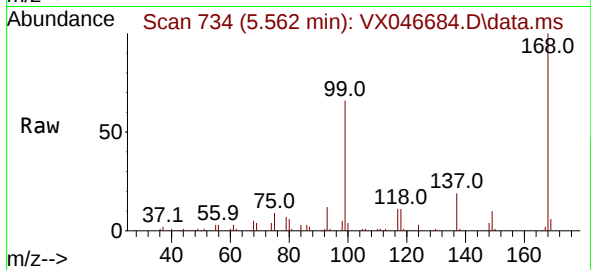
Tgt Ion:113 Resp: 61934
Ion Ratio Lower Upper
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111 102.5 83.1 124.7
192 17.5 13.3 19.9



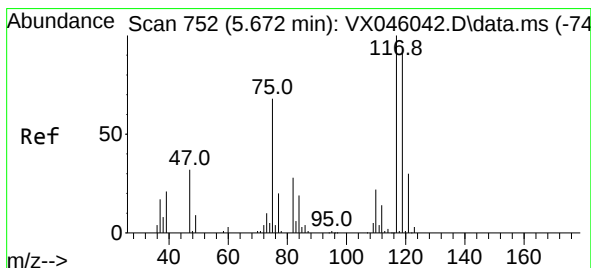
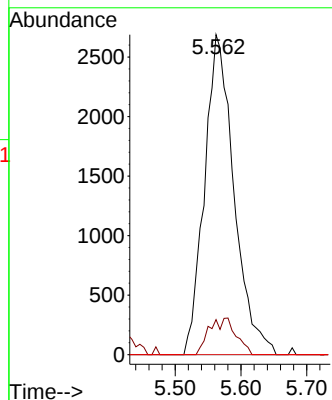
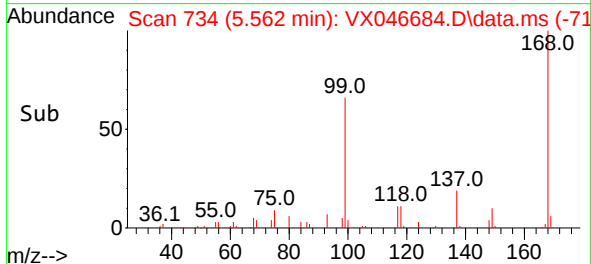


#36
 1,1-Dichloropropene
 Concen: 4.772 ug/l
 RT: 5.562 min Scan# 71
 Delta R.T. -0.152 min
 Lab File: VX046684.D
 Acq: 13 Jun 2025 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBL02

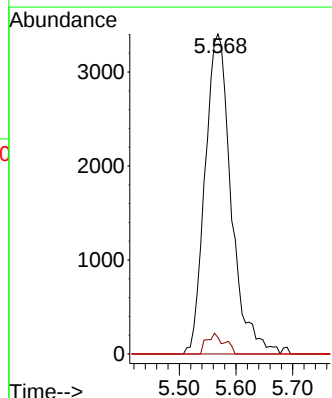
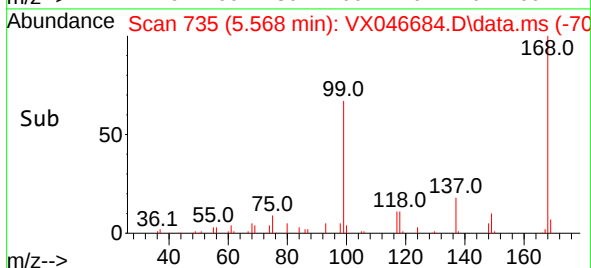
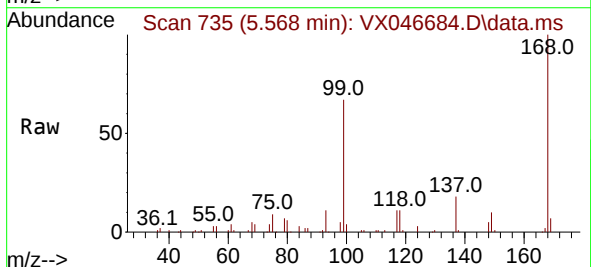


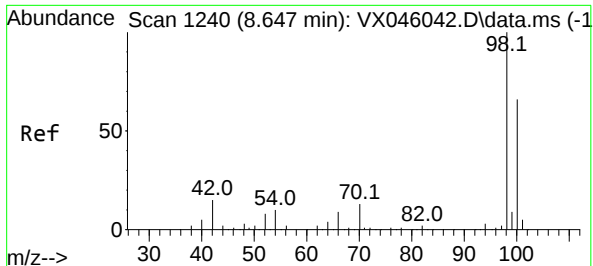
Tgt Ion: 75 Resp: 8389
 Ion Ratio Lower Upper
 75 100
 110 10.4 16.3 48.9#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.531 ug/l
 RT: 5.568 min Scan# 735
 Delta R.T. -0.128 min
 Lab File: VX046684.D
 Acq: 13 Jun 2025 13:19

Tgt Ion: 117 Resp: 10890
 Ion Ratio Lower Upper
 117 100
 119 5.1 75.2 112.8#
 121 0.0 24.2 36.4#

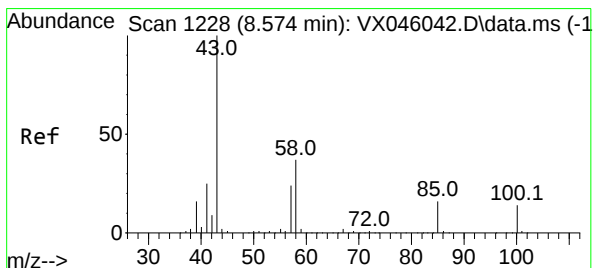
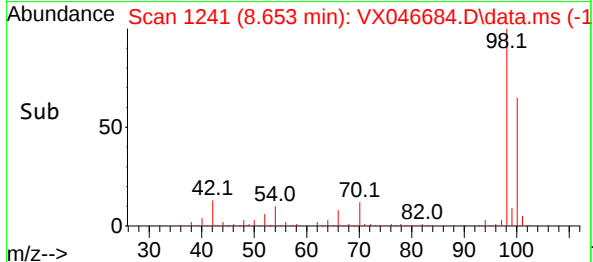
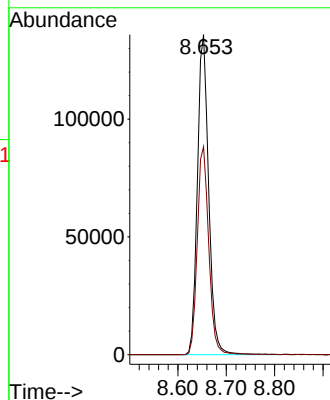
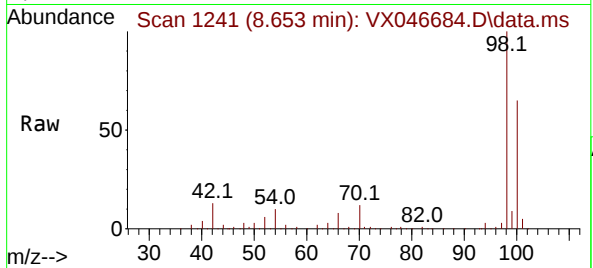




#50
Toluene-d8
Concen: 53.985 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

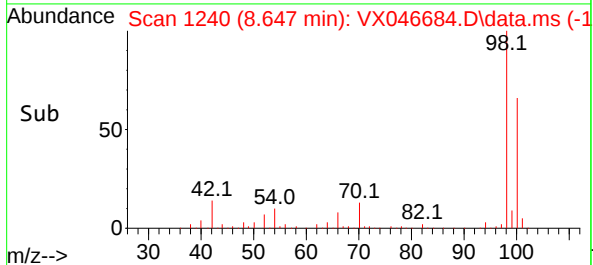
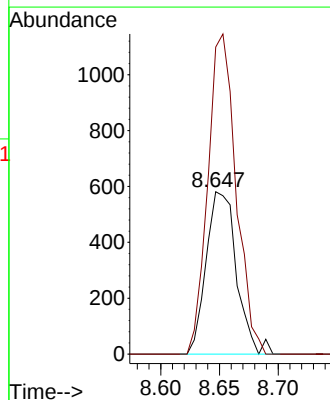
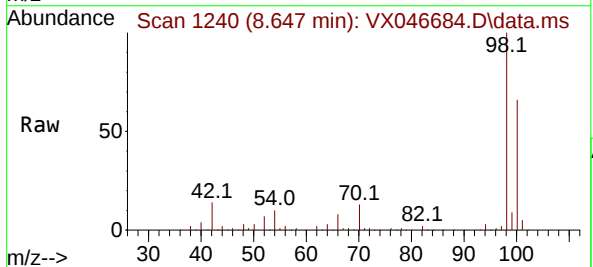
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

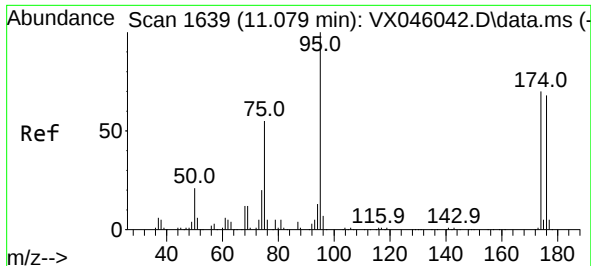
Tgt Ion: 98 Resp: 219047
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
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58 184.1 28.9 43.3#

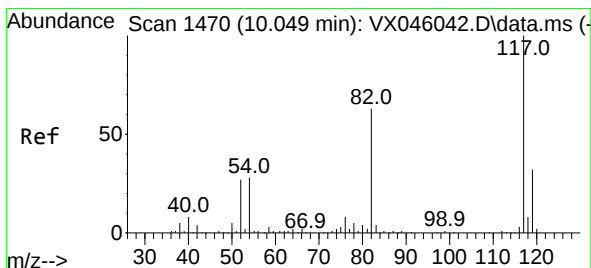
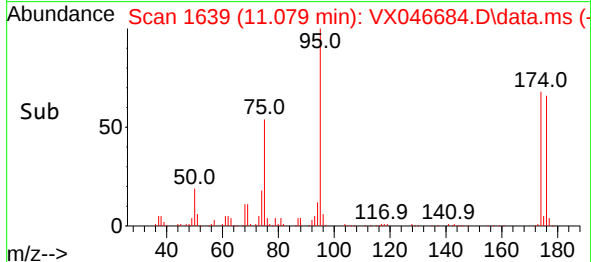
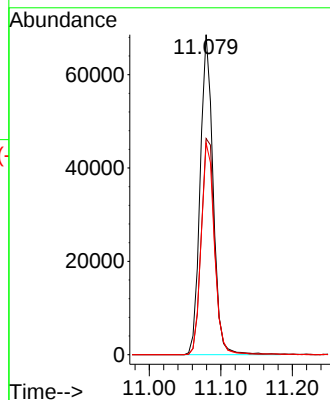
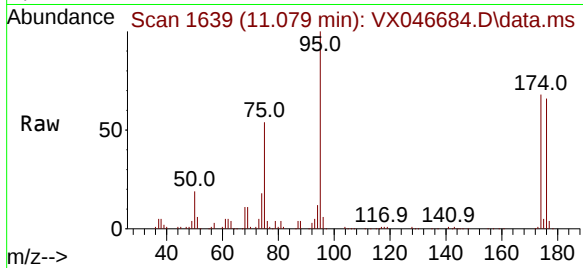




#62
4-Bromofluorobenzene
Concen: 51.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

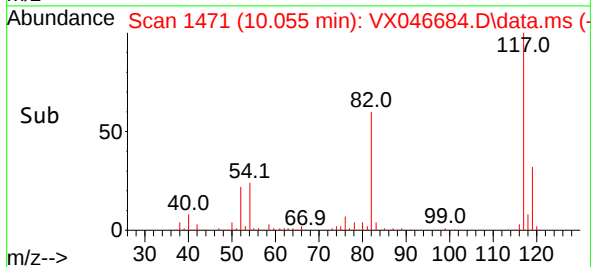
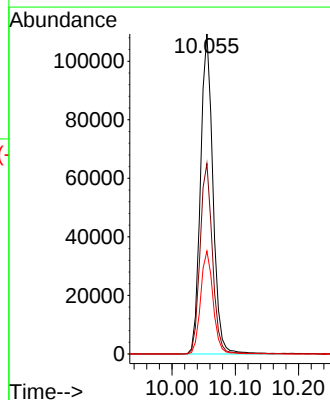
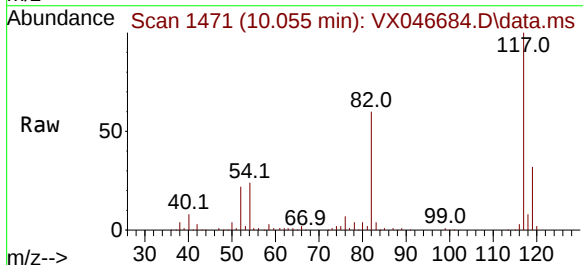
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

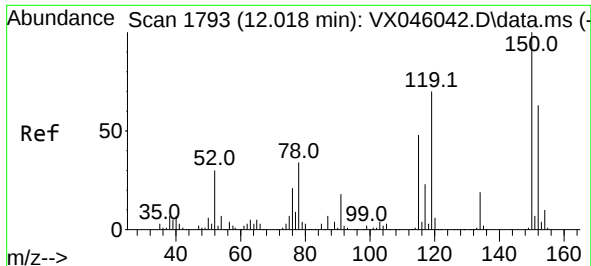
Tgt Ion: 95 Resp: 85998
Ion Ratio Lower Upper
95 100
174 70.4 0.0 135.8
176 68.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Tgt Ion: 117 Resp: 149855
Ion Ratio Lower Upper
117 100
82 59.5 50.6 76.0
119 32.2 25.8 38.6

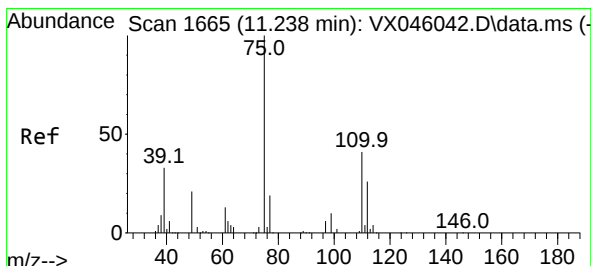
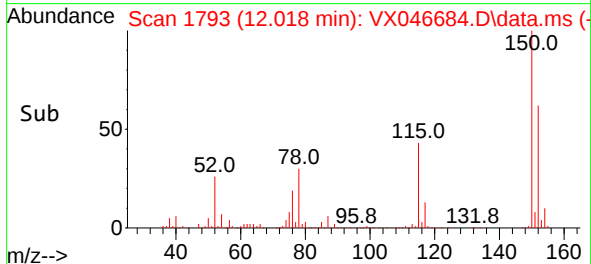
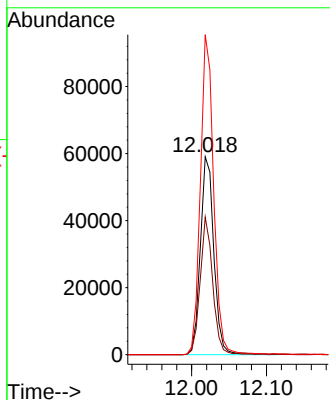
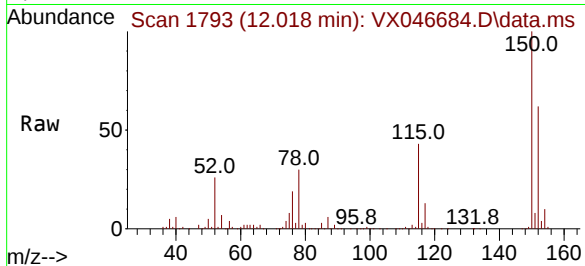




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046684.D
 Acq: 13 Jun 2025 13:19

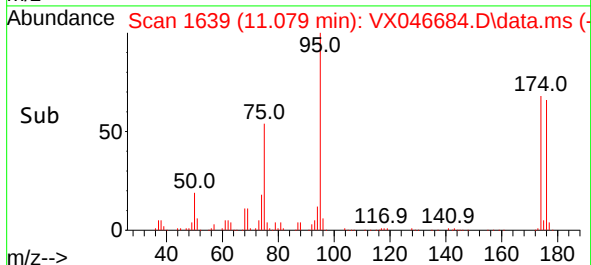
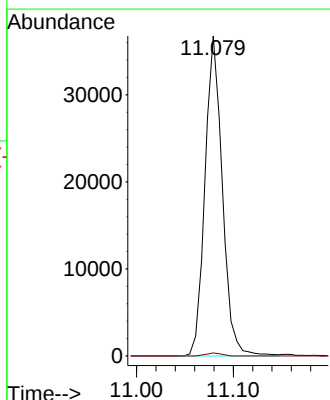
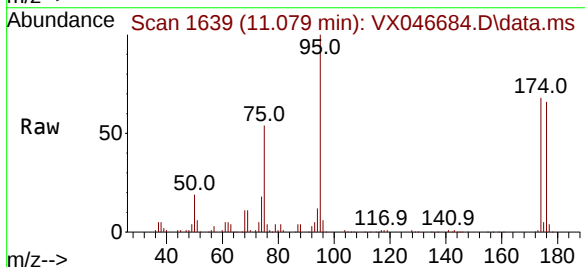
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBL02

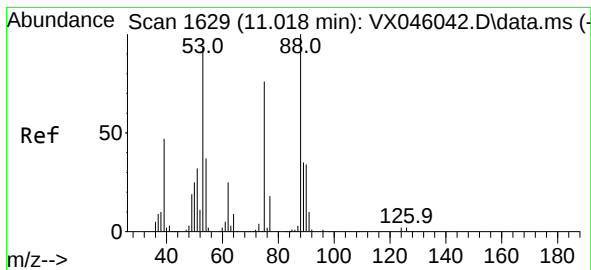
Tgt Ion:152 Resp: 74343
 Ion Ratio Lower Upper
 152 100
 115 64.7 46.9 140.7
 150 158.1 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.211 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046684.D
 Acq: 13 Jun 2025 13:19

Tgt Ion: 75 Resp: 45998
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.5 61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.263 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

Tgt Ion: 75 Resp: 45998
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

