

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046760.D
 Acq On : 19 Jun 2025 10:33
 Operator : JC/MD
 Sample : VX0619WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBL01

Quant Time: Jun 20 05:15:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

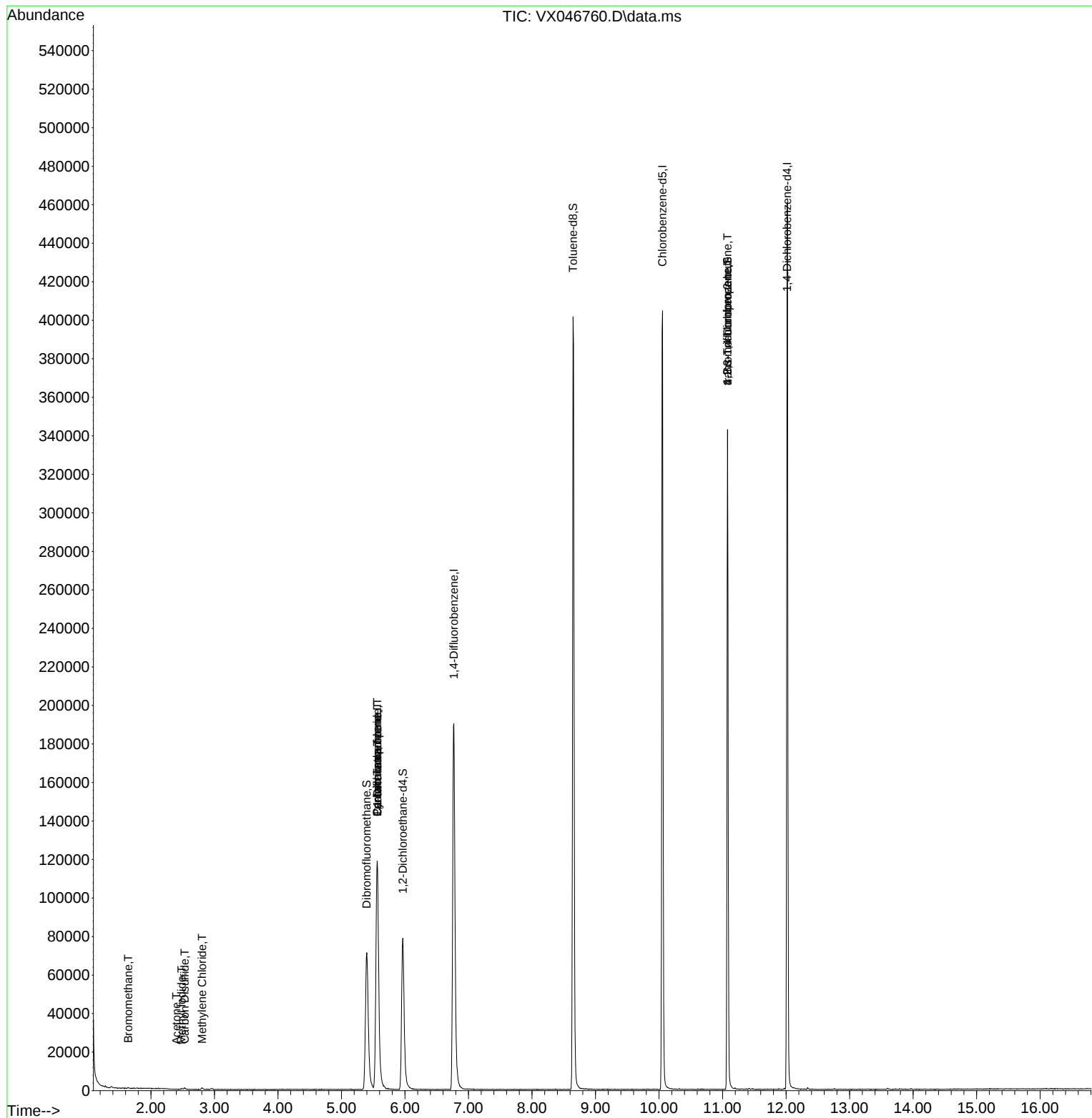
Internal Standards						
1) Pentafluorobenzene	5.562	168	124937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	212303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83430	48.278	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.560%		
35) Dibromofluoromethane	5.397	113	68758	48.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	8.647	98	252224	49.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.079	95	92918	49.393	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.780%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	241	0.279	ug/l #	72
10) Methyl Iodide	2.483	142	611	4.645	ug/l #	66
16) Acetone	2.398	43	153	0.265	ug/l #	44
17) Carbon Disulfide	2.532	76	883	0.212	ug/l #	74
20) Methylene Chloride	2.806	84	477	0.298	ug/l	96
31) Cyclohexane	5.562	56	2477	0.957	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9816	4.841	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12972	5.895	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	47480	27.863	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47480	78.757	ug/l #	7

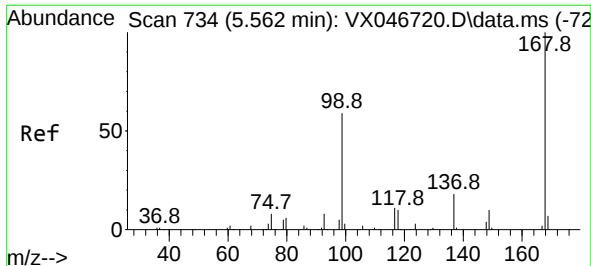
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

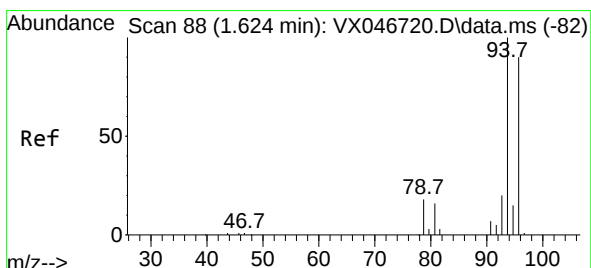
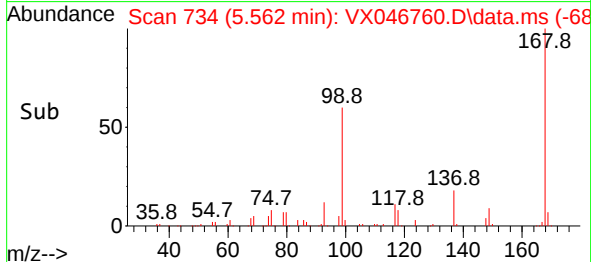
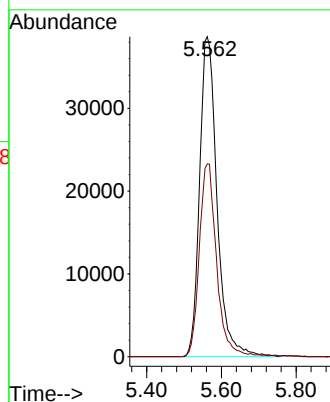
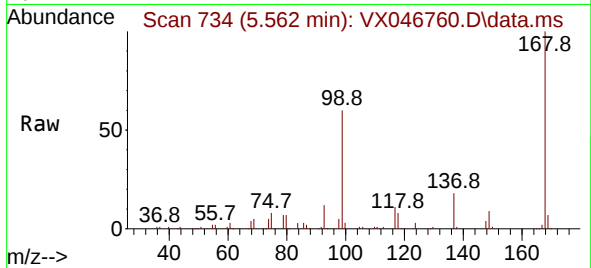




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

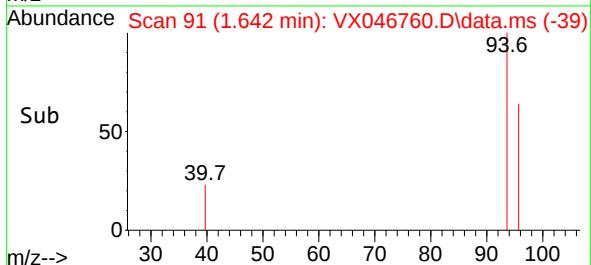
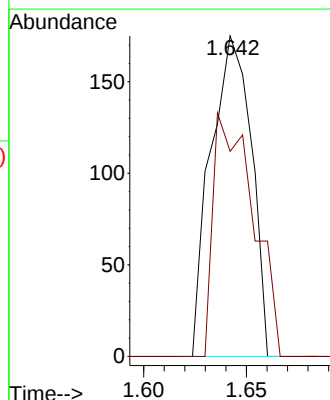
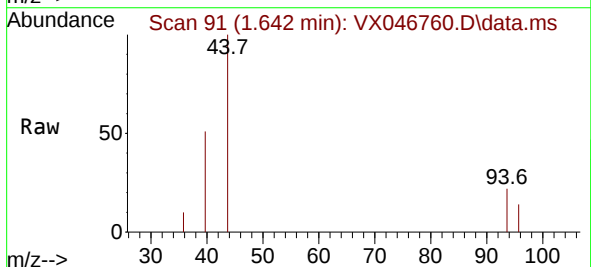
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

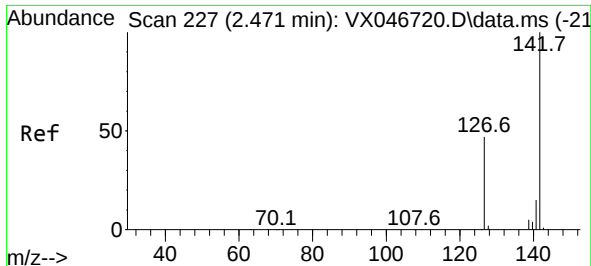
Tgt Ion:168 Resp: 124937
Ion Ratio Lower Upper
168 100
99 60.2 48.5 72.7



#5
Bromomethane
Concen: 0.279 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion: 94 Resp: 241
Ion Ratio Lower Upper
94 100
96 64.0 72.3 108.5#

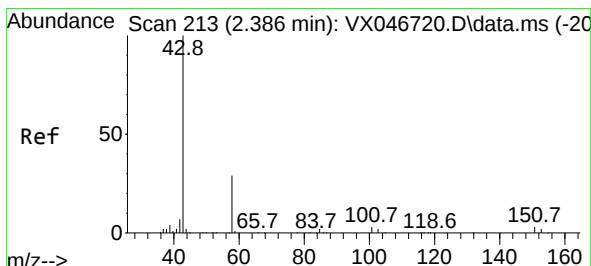
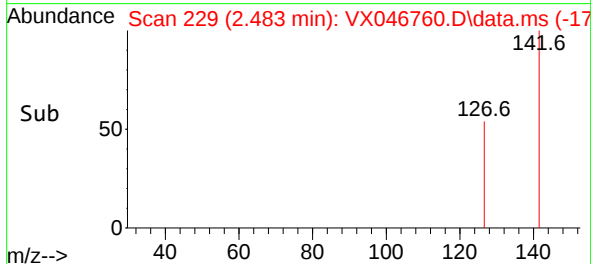
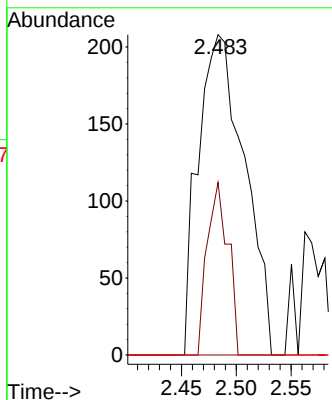
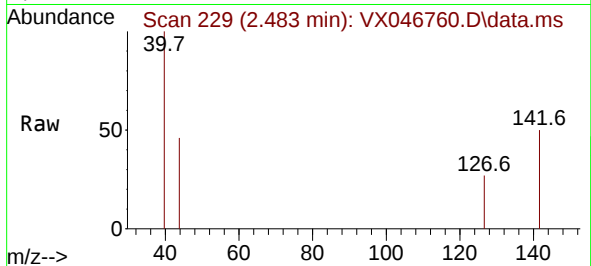




#10
Methyl Iodide
Concen: 4.645 ug/l
RT: 2.483 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

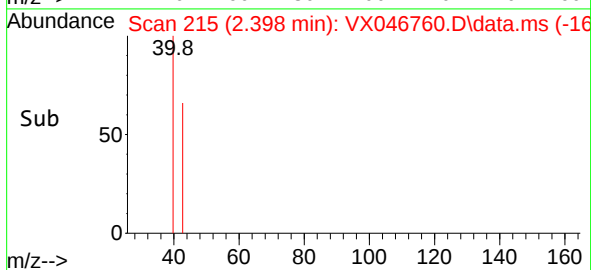
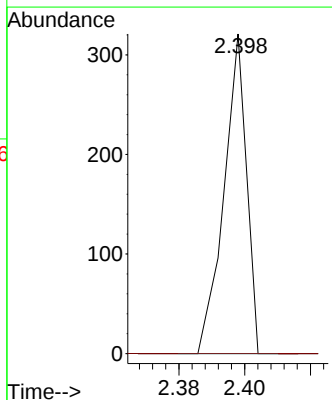
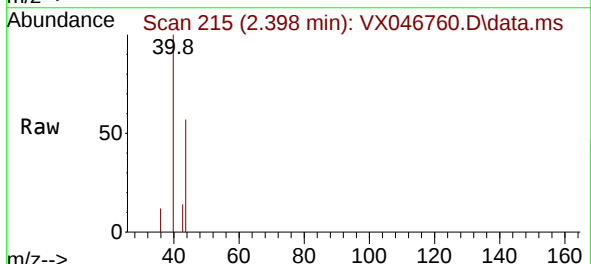
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

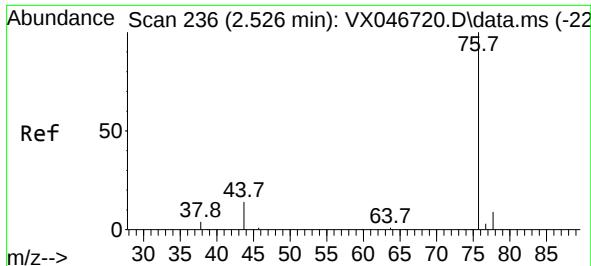
Tgt Ion:142 Resp: 611
Ion Ratio Lower Upper
142 100
127 24.4 37.0 55.6#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 0.265 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion: 43 Resp: 153
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#

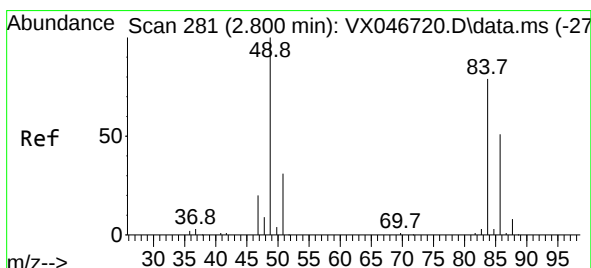
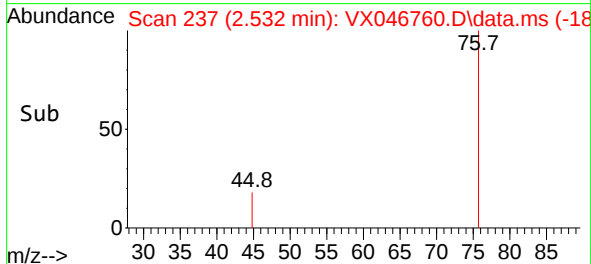
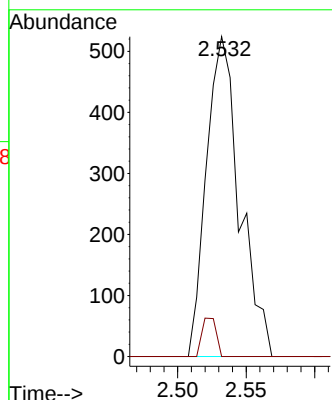
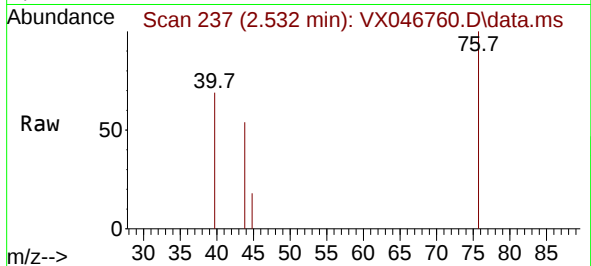




#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

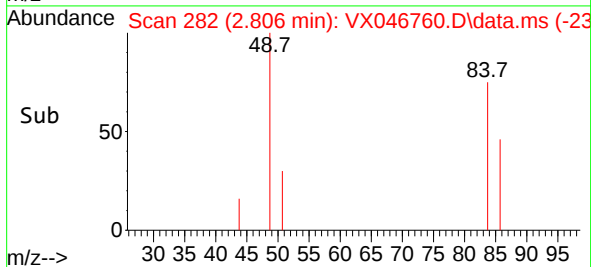
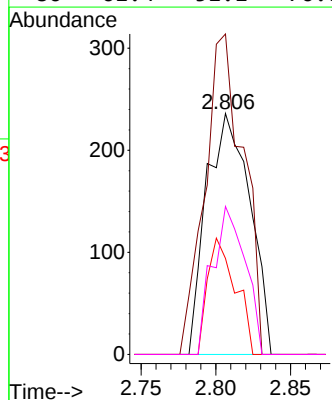
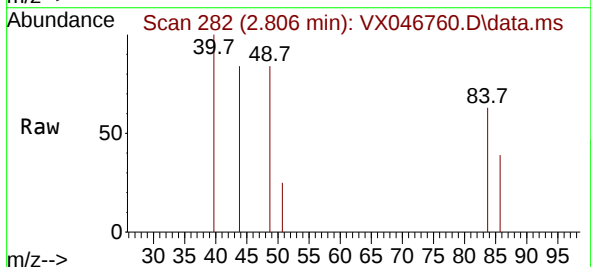
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

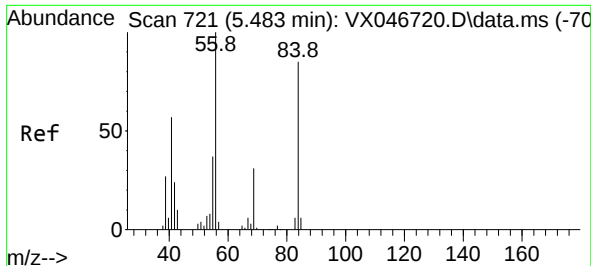
Tgt Ion: 76 Resp: 883
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 0.298 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion: 84 Resp: 477
Ion Ratio Lower Upper
84 100
49 133.1 101.3 151.9
51 39.8 31.0 46.6
86 61.4 51.1 76.7

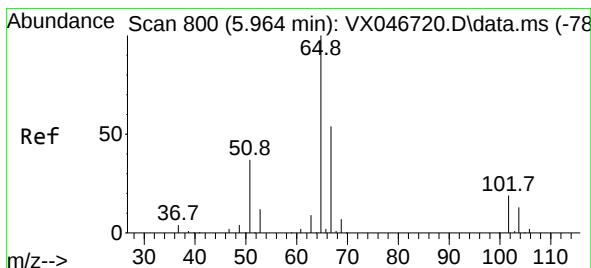
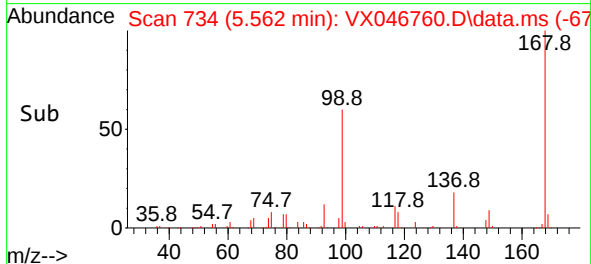
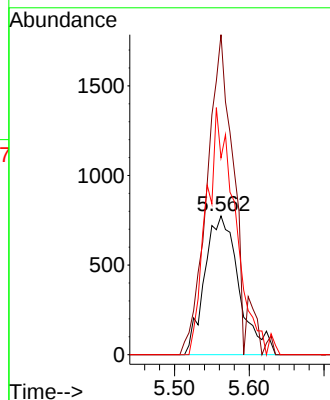
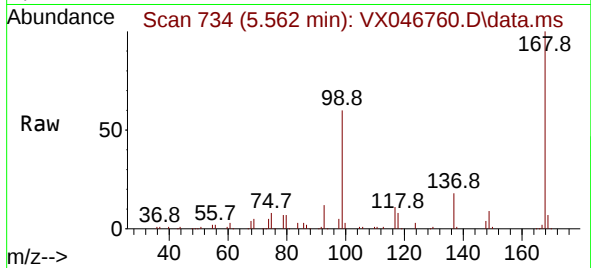




#31
Cyclohexane
Concen: 0.957 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

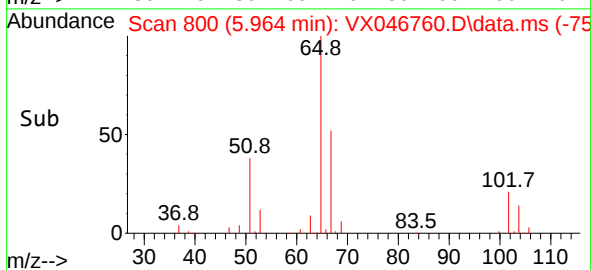
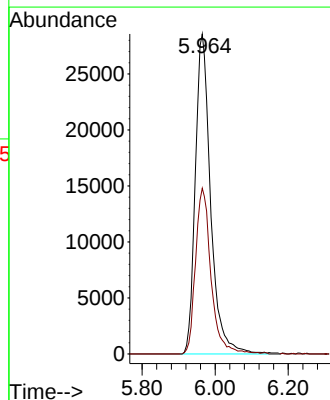
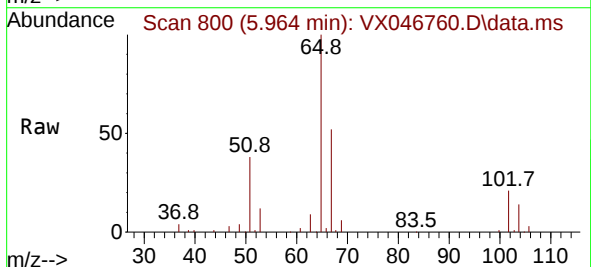
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

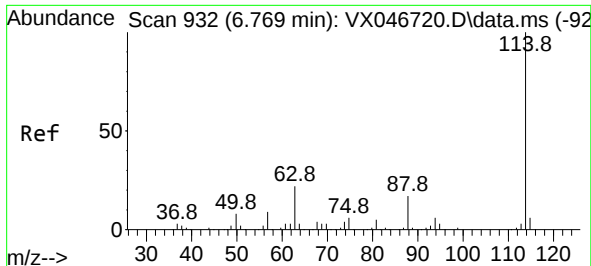
Tgt Ion: 56 Resp: 2477
Ion Ratio Lower Upper
56 100
69 230.7 24.8 37.2#
84 141.9 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 48.278 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion: 65 Resp: 83430
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

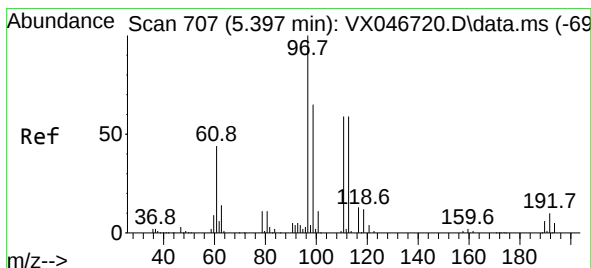
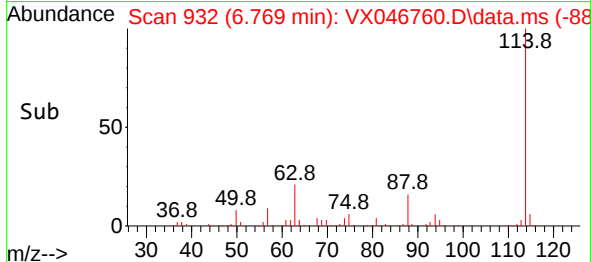
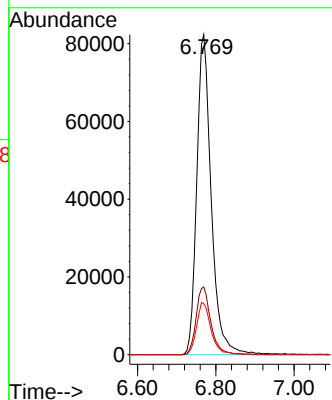
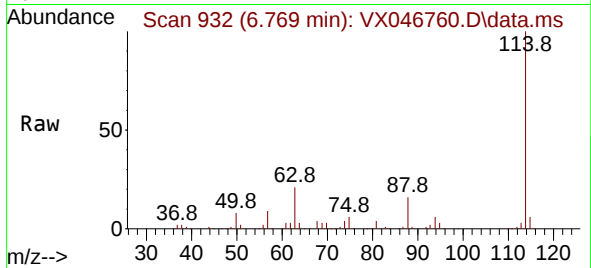




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

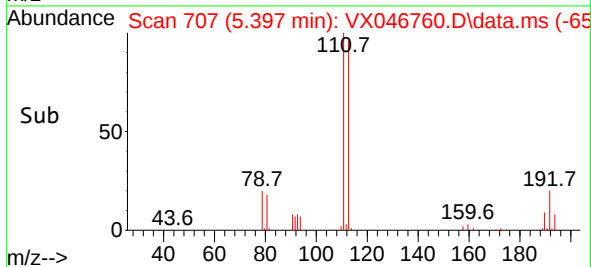
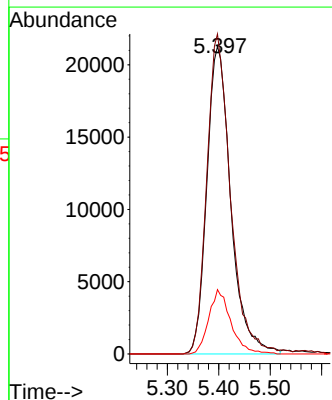
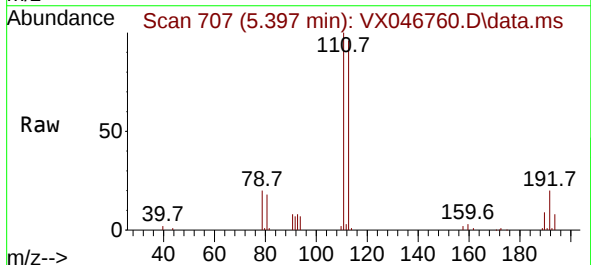
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

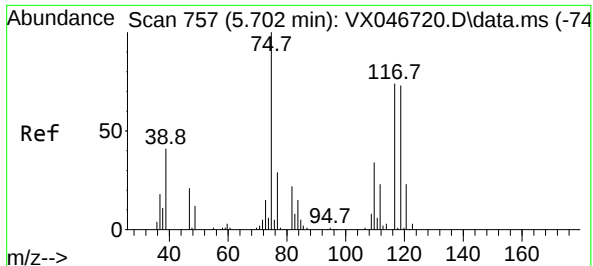
Tgt Ion:114 Resp: 212303
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.950 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion:113 Resp: 68758
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 19.4 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.841 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX046760.D

Acq: 19 Jun 2025 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBL01

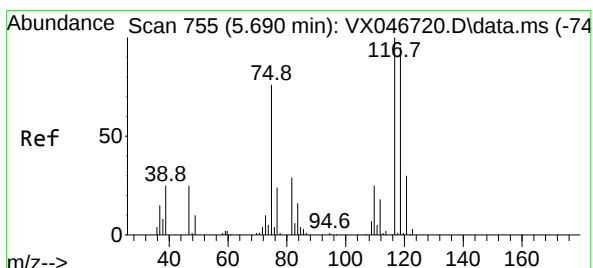
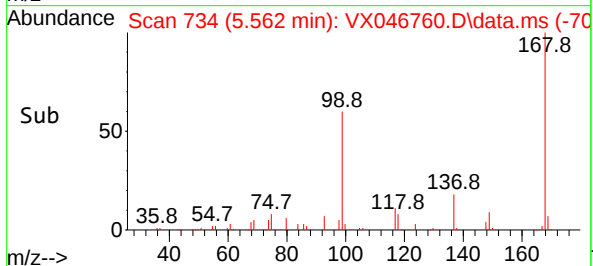
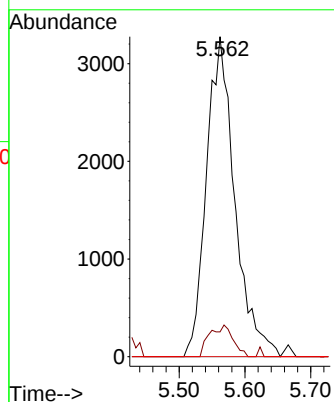
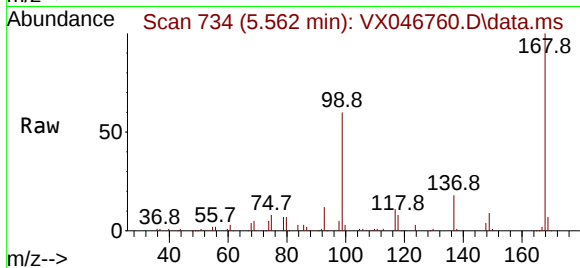
Tgt Ion: 75 Resp: 9816

Ion Ratio Lower Upper

75 100

110 8.2 17.2 51.5#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.895 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX046760.D

Acq: 19 Jun 2025 10:33

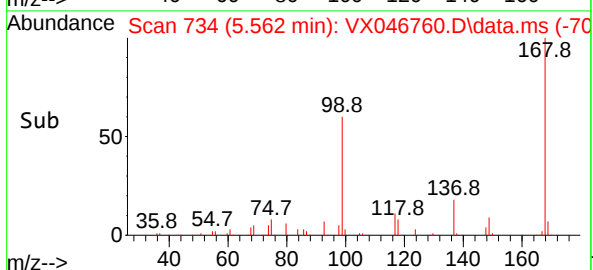
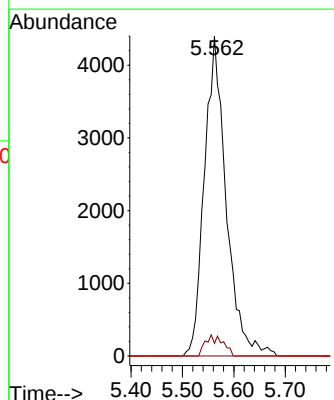
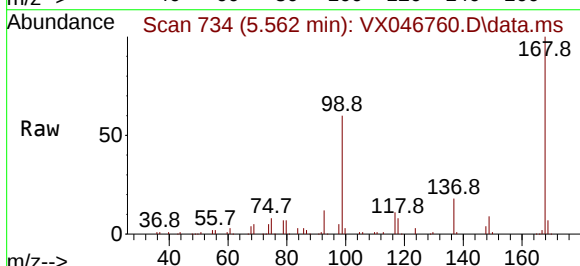
Tgt Ion: 117 Resp: 12972

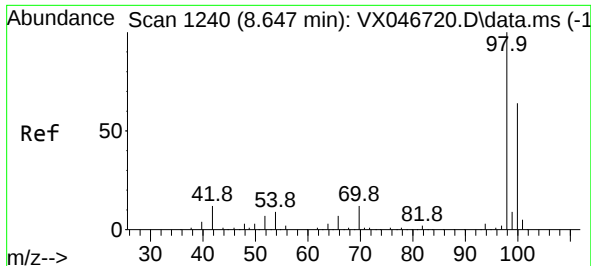
Ion Ratio Lower Upper

117 100

119 4.0 75.2 112.8#

121 0.0 24.1 36.1#

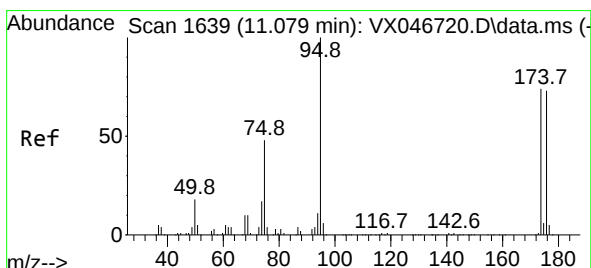
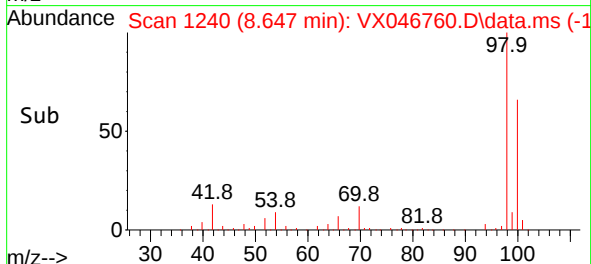
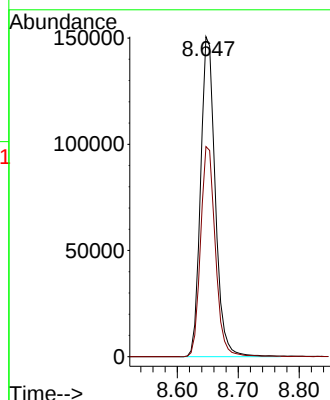
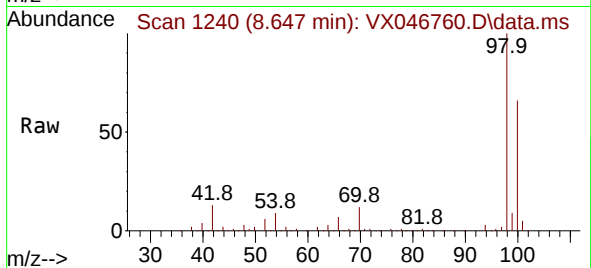




#50
Toluene-d8
Concen: 49.979 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

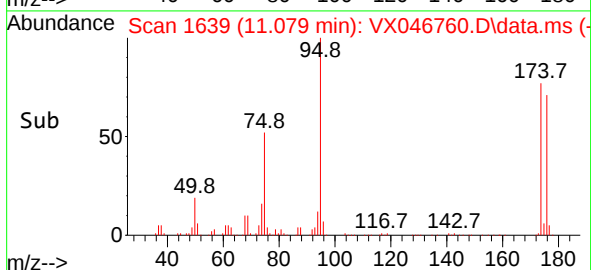
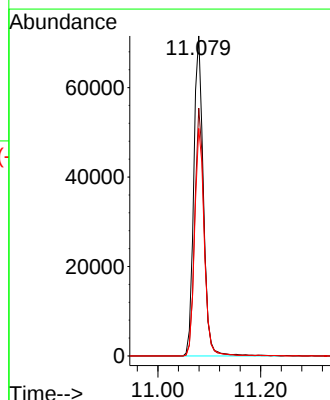
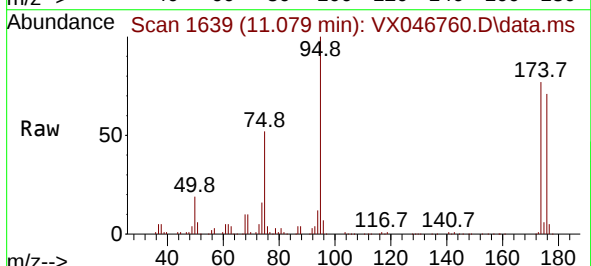
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

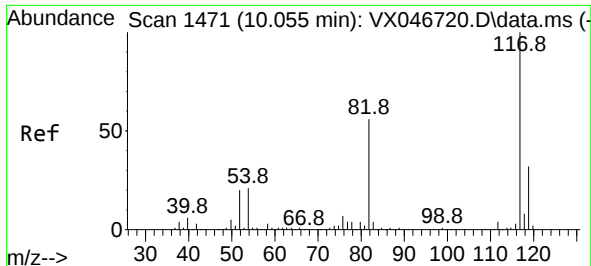
Tgt Ion: 98 Resp: 252224
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion: 95 Resp: 92918
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.4
176 71.2 0.0 145.0

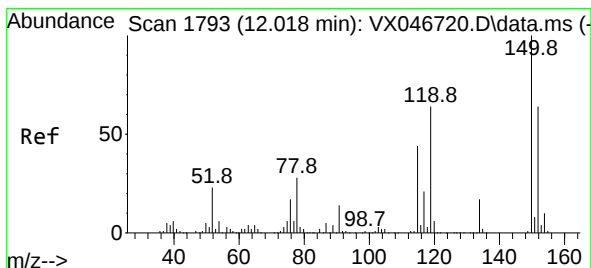
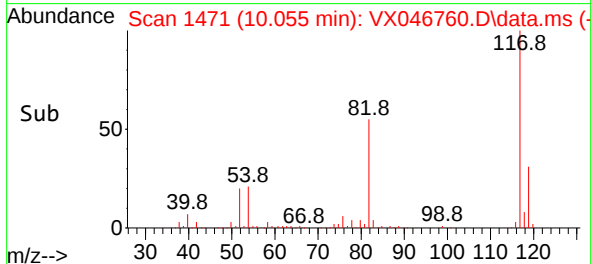
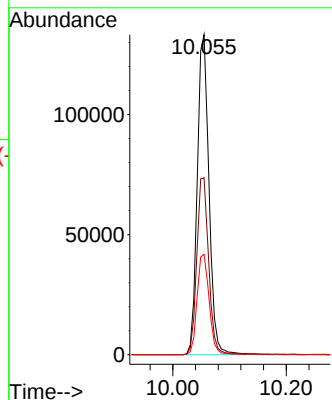
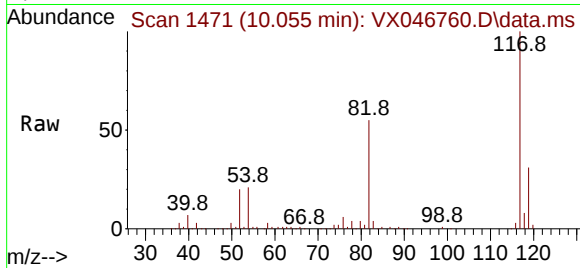




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

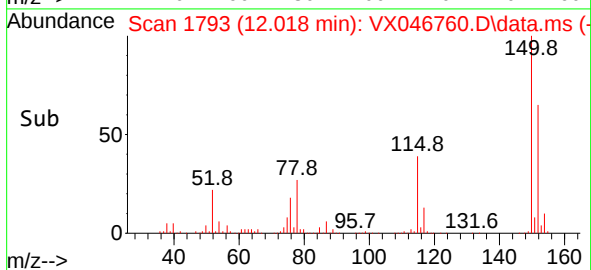
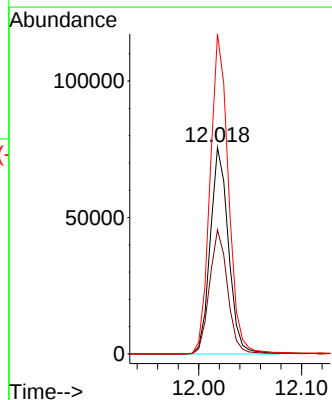
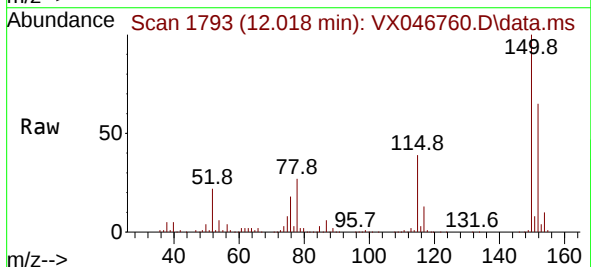
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

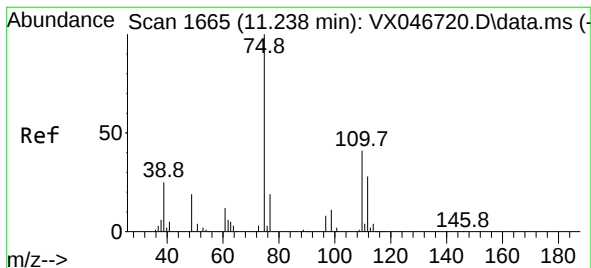
Tgt Ion:117 Resp: 191555
Ion Ratio Lower Upper
117 100
82 55.3 44.6 66.8
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion:152 Resp: 93040
Ion Ratio Lower Upper
152 100
115 60.1 43.2 129.6
150 157.7 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 27.863 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046760.D

Acq: 19 Jun 2025 10:33

Instrument :

MSVOA_X

ClientSampleId :

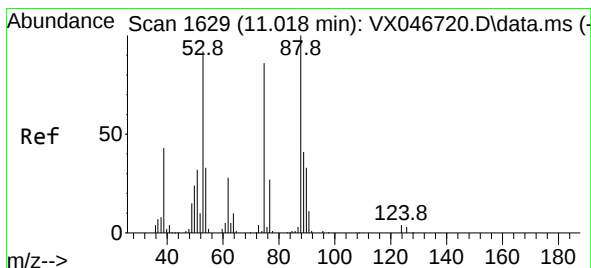
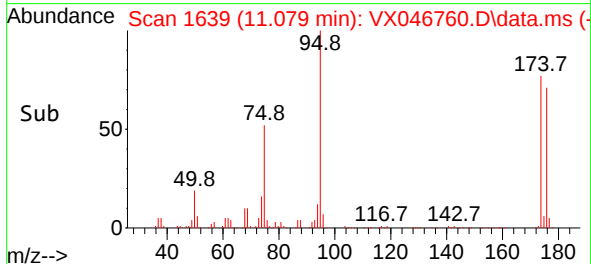
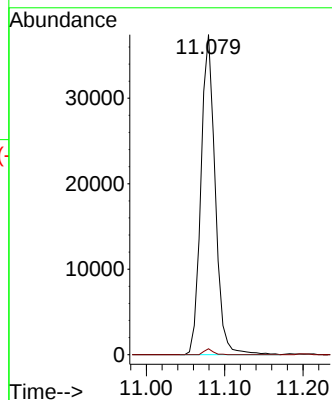
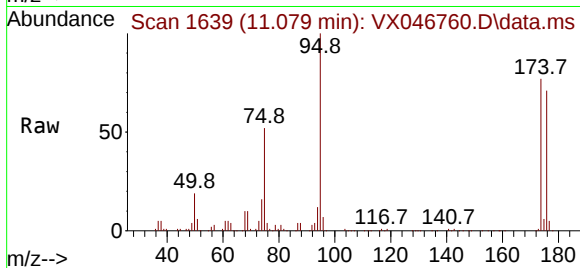
VX0619WBL01

Tgt Ion: 75 Resp: 47480

Ion Ratio Lower Upper

75 100

77 1.2 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.757 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046760.D

Acq: 19 Jun 2025 10:33

Tgt Ion: 75 Resp: 47480

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

89 0.0 36.9 55.3#

