

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047107.D
 Acq On : 24 Jul 2025 10:34
 Operator : JC/MD
 Sample : VX0724WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 25 01:19:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

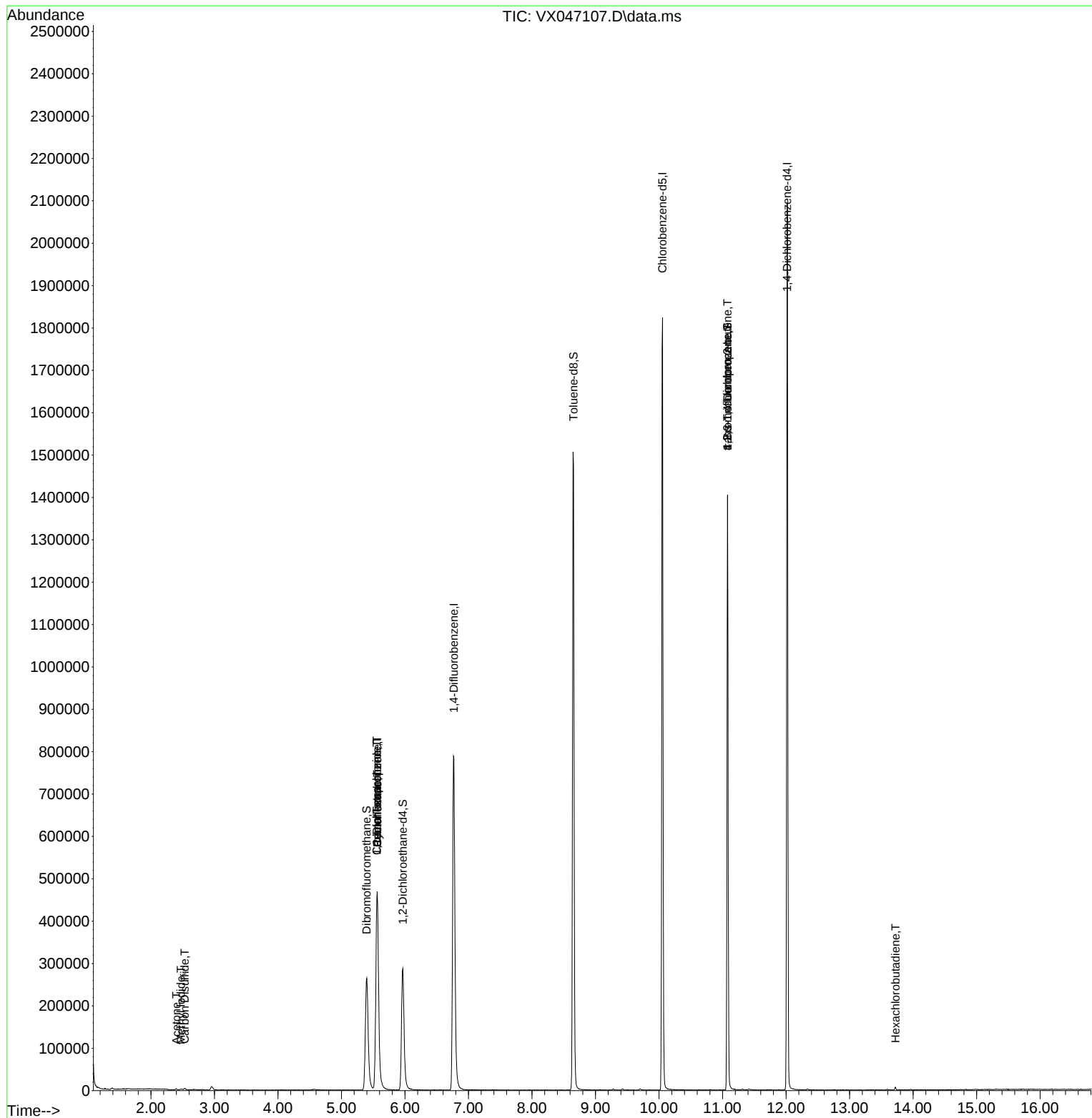
Internal Standards						
1) Pentafluorobenzene	5.562	168	463916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	839242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	802389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	396966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	303642	52.543	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.080%		
35) Dibromofluoromethane	5.397	113	251590	48.553	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.100%		
50) Toluene-d8	8.653	98	903609	53.847	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 107.700%		
62) 4-Bromofluorobenzene	11.079	95	372094	51.453	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.900%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	2698	0.450	ug/l	98
11) Tert butyl alcohol	2.953	59	4688	Below Cal	#	75
16) Acetone	2.398	43	2331	1.007	ug/l #	76
17) Carbon Disulfide	2.532	76	4415	0.262	ug/l	98
31) Cyclohexane	5.562	56	9691	0.897	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	39332	4.453	ug/l #	51
38) Carbon Tetrachloride	5.556	117	50334	5.339	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	194737	26.503	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	194737	68.283	ug/l #	8
94) Hexachlorobutadiene	13.725	225	1007	0.329	ug/l	87

(#) = 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 :

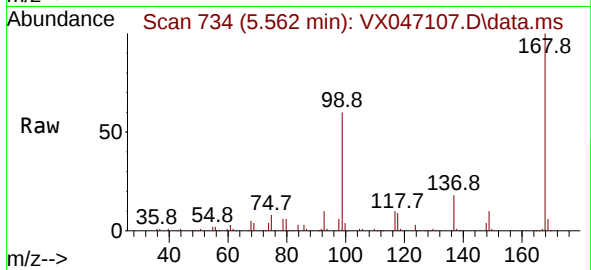
Quant Time: Jul 25 01:19:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



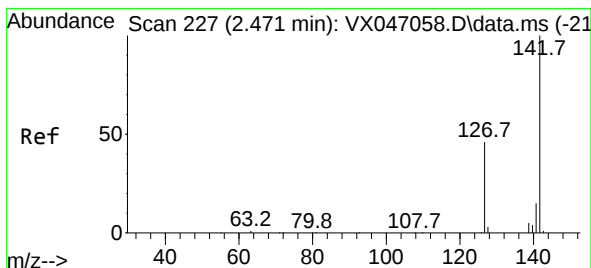
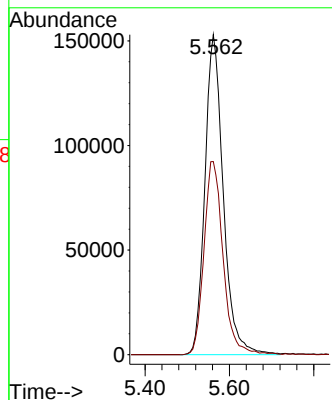
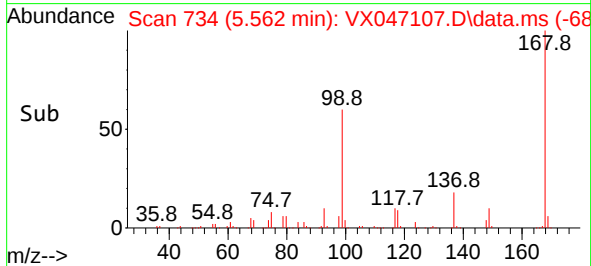


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :

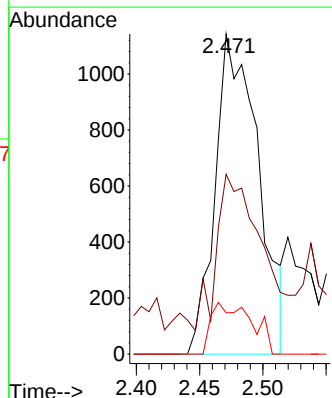
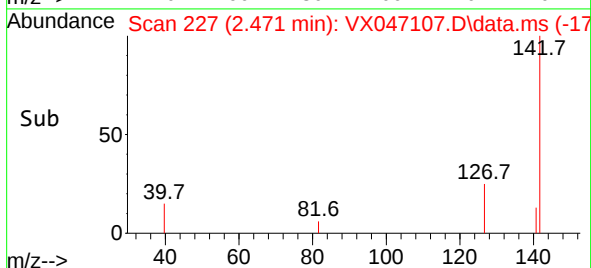
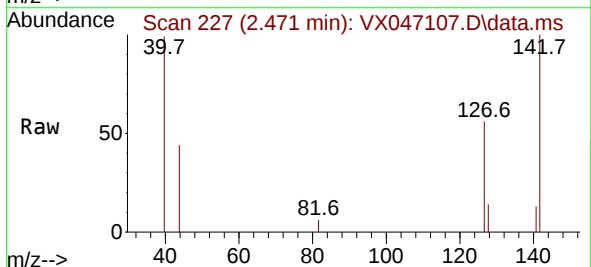


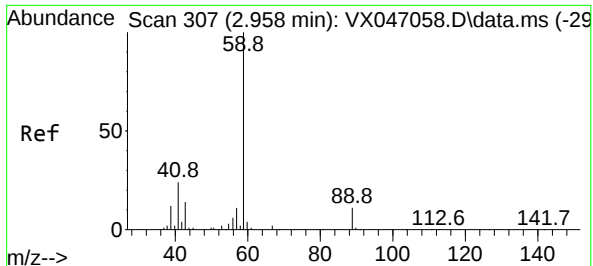
Tgt Ion:168 Resp: 463916
Ion Ratio Lower Upper
168 100
99 60.3 48.0 72.0



#10
Methyl Iodide
Concen: 0.450 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Tgt Ion:142 Resp: 2698
Ion Ratio Lower Upper
142 100
127 44.4 36.6 54.8
141 15.1 10.9 16.3

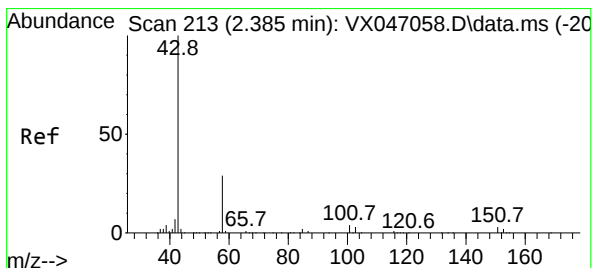
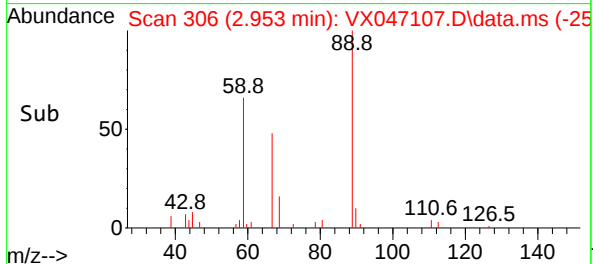
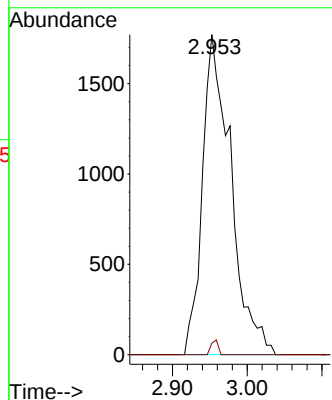
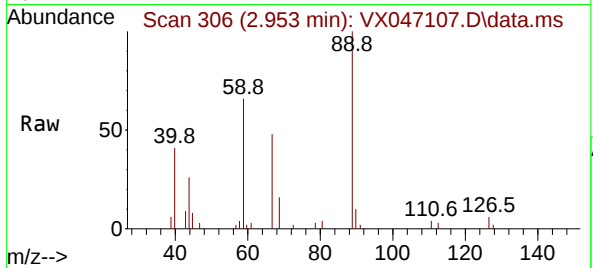




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

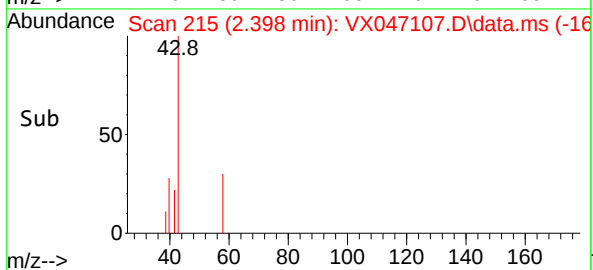
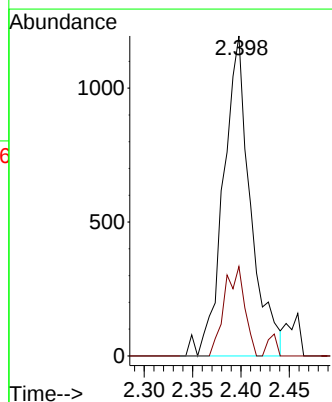
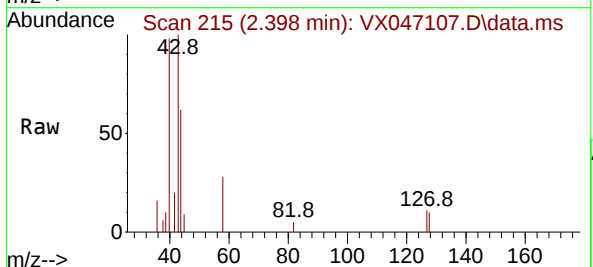
Instrument :
MSVOA_X
ClientSampleId :

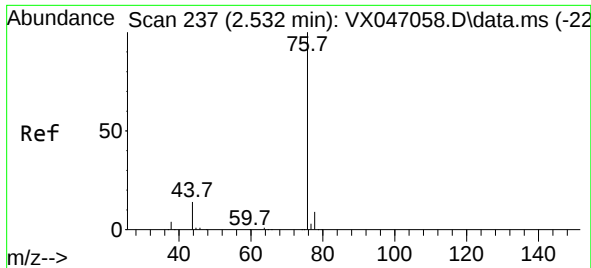
Tgt Ion: 59 Resp: 4688
Ion Ratio Lower Upper
59 100
57 1.1 8.5 12.7#



#16
Acetone
Concen: 1.007 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Tgt Ion: 43 Resp: 2331
Ion Ratio Lower Upper
43 100
58 17.2 24.0 36.0#

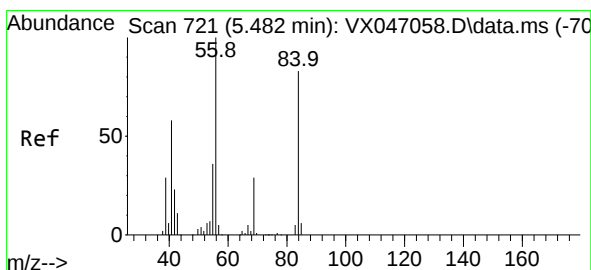
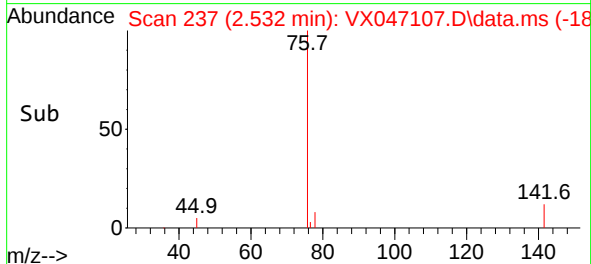
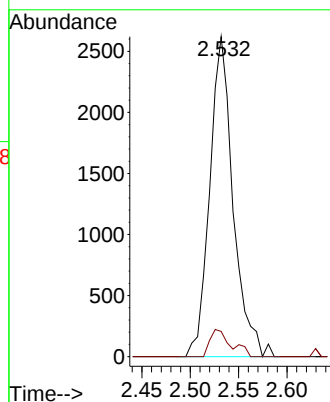
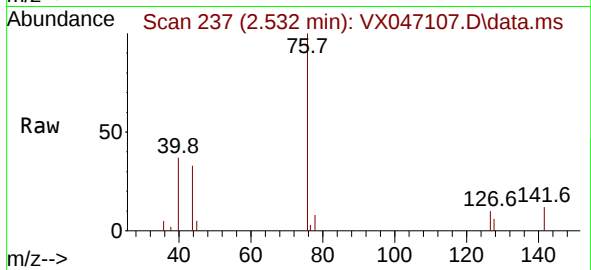




#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

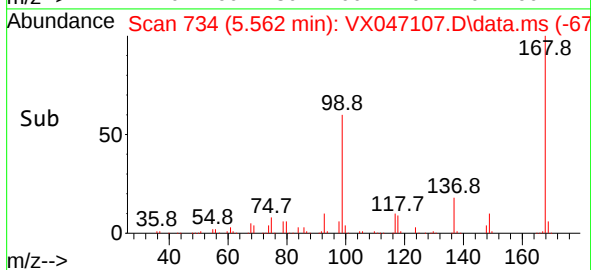
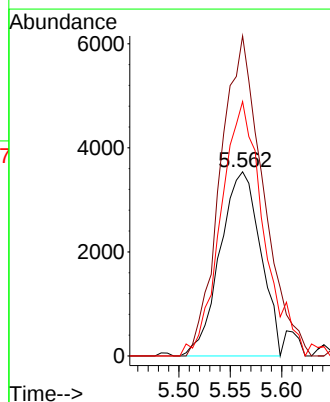
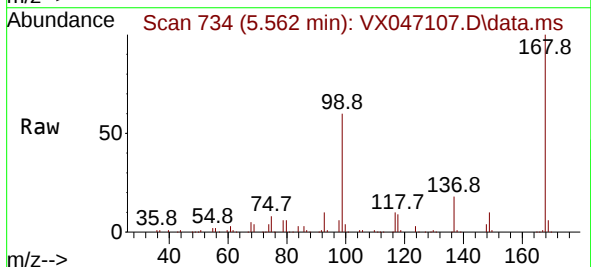
Instrument :
MSVOA_X
ClientSampleId :

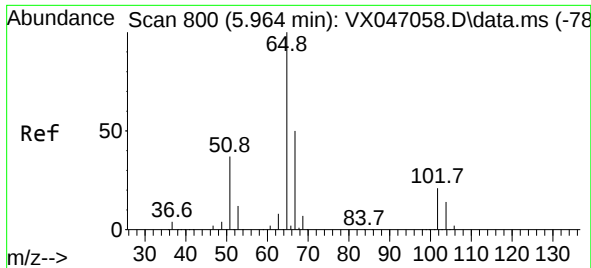
Tgt Ion: 76 Resp: 4415
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.4



#31
Cyclohexane
Concen: 0.897 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.080 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Tgt Ion: 56 Resp: 9691
Ion Ratio Lower Upper
56 100
69 173.8 23.3 34.9#
84 138.1 66.5 99.7#

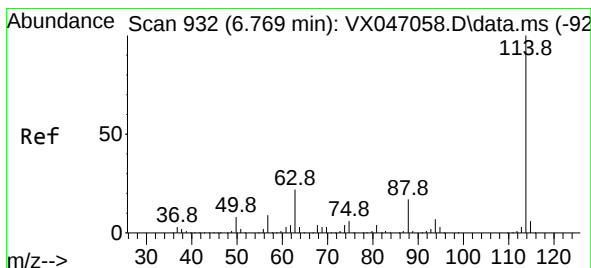
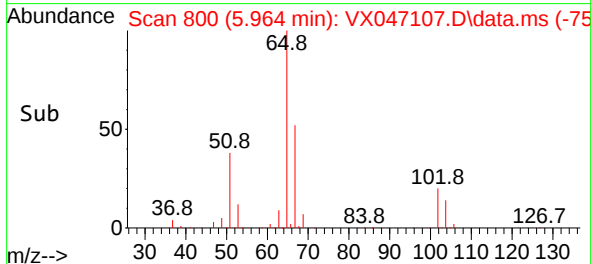
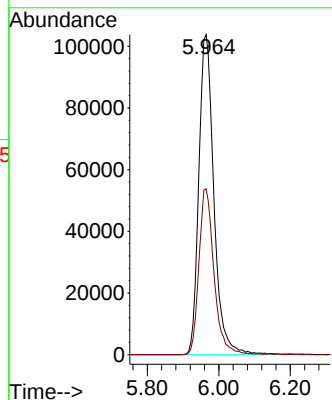
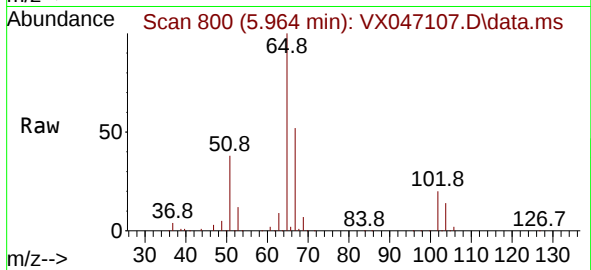




#33
 1,2-Dichloroethane-d4
 Concen: 52.543 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047107.D
 Acq: 24 Jul 2025 10:34

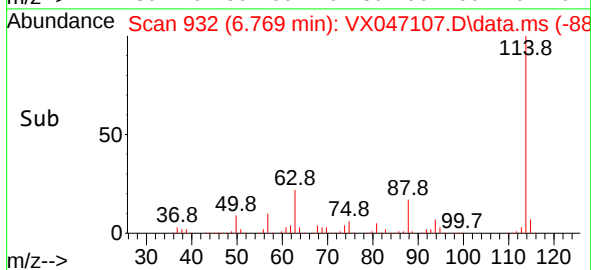
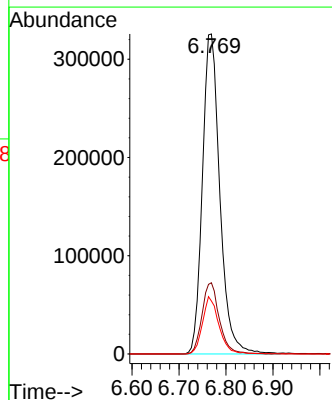
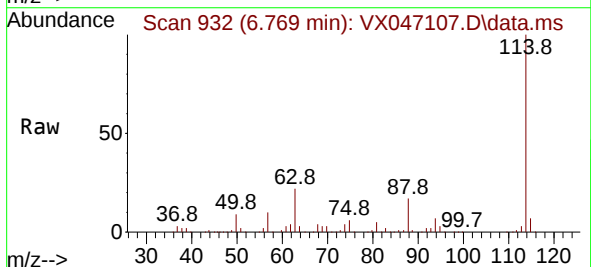
Instrument :
 MSVOA_X
 ClientSampleId :

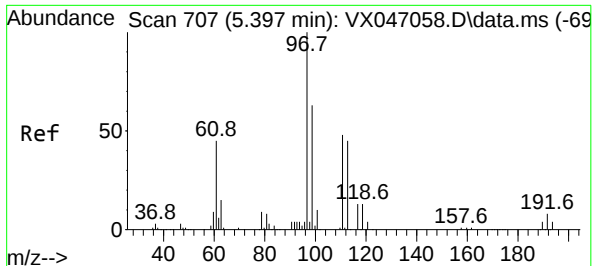
Tgt Ion: 65 Resp: 303642
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047107.D
 Acq: 24 Jul 2025 10:34

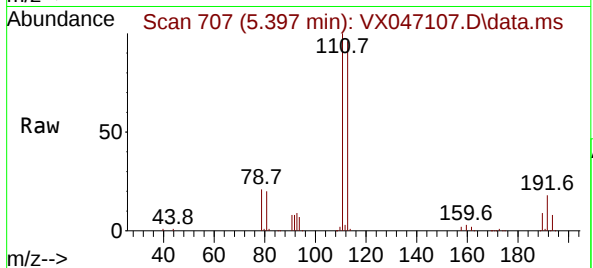
Tgt Ion:114 Resp: 839242
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.2
 88 16.6 0.0 33.8



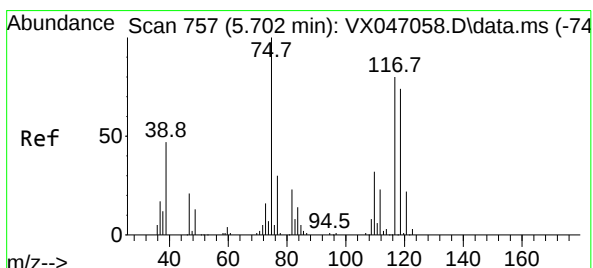
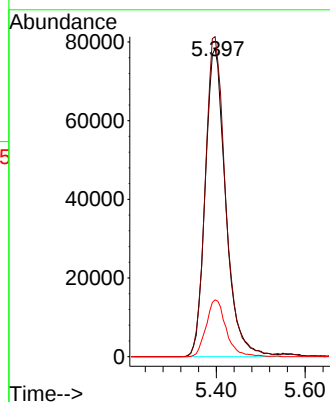
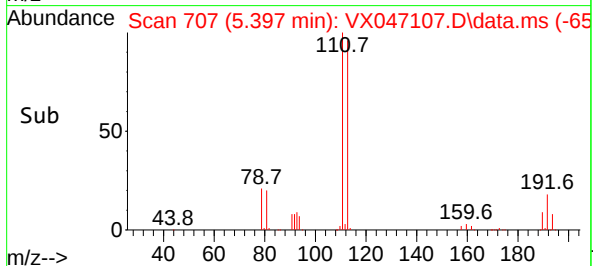


#35
Dibromofluoromethane
Concen: 48.553 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :

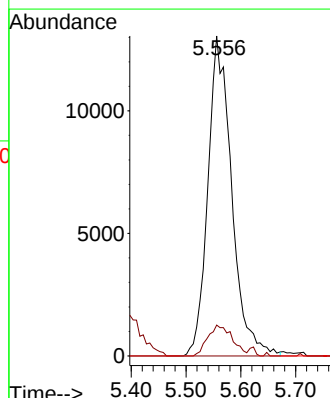
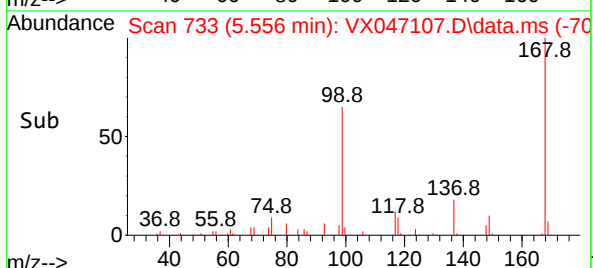
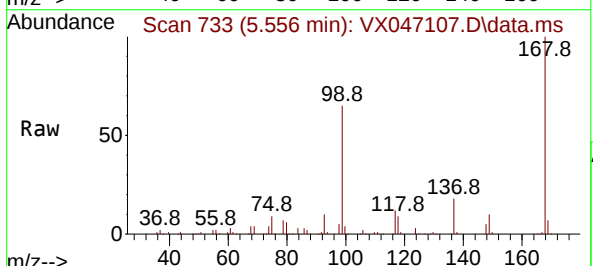


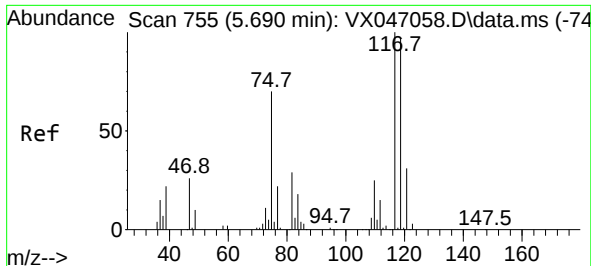
Tgt Ion:113 Resp: 251590
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.453 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

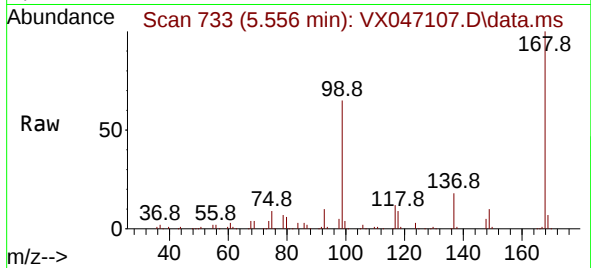
Tgt Ion: 75 Resp: 39332
Ion Ratio Lower Upper
75 100
110 9.9 17.2 51.5#
77 0.0 25.1 37.7#



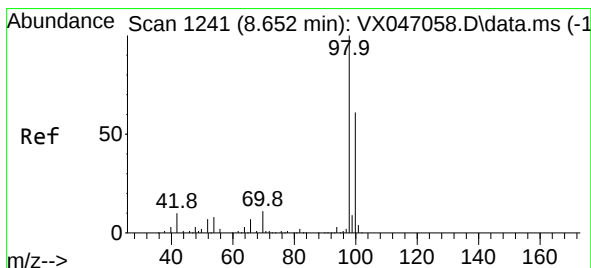
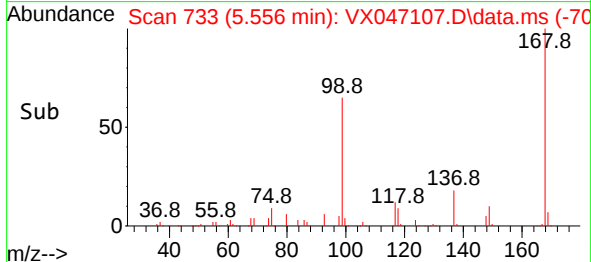
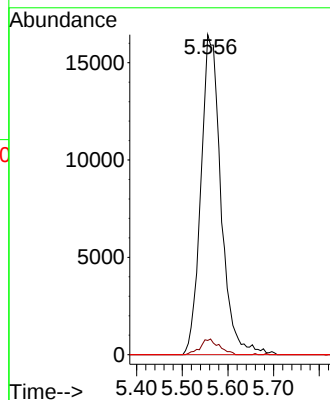


#38
Carbon Tetrachloride
Concen: 5.339 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :

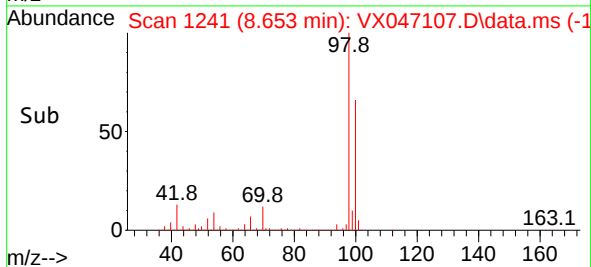
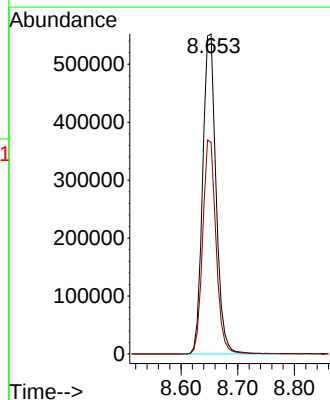
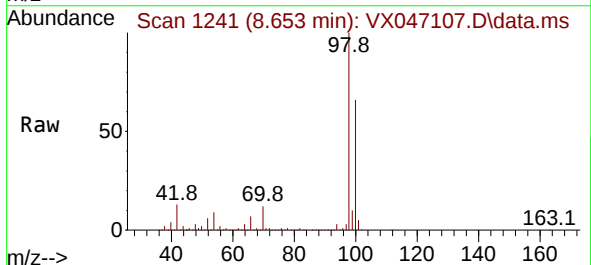


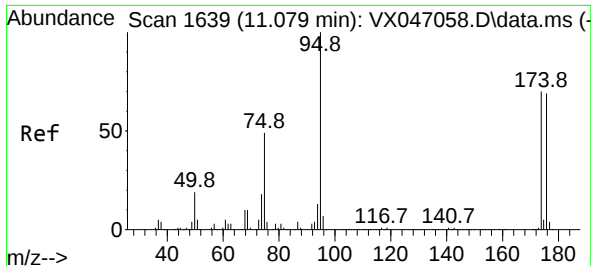
Tgt Ion:117 Resp: 50334
Ion Ratio Lower Upper
117 100
119 4.4 76.6 115.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 53.847 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Tgt Ion: 98 Resp: 903609
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 51.453 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047107.D

Acq: 24 Jul 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

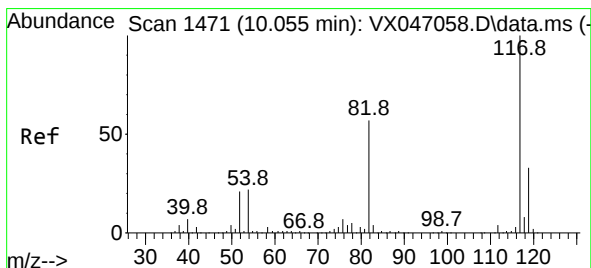
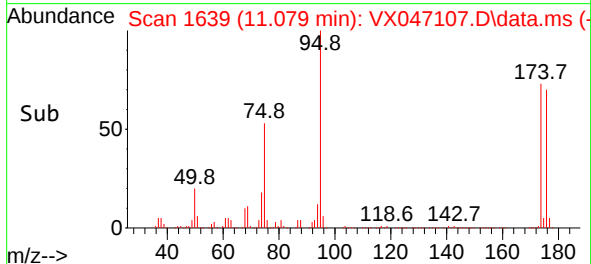
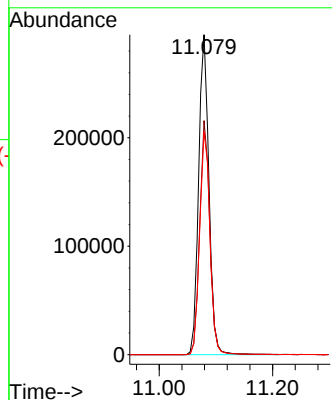
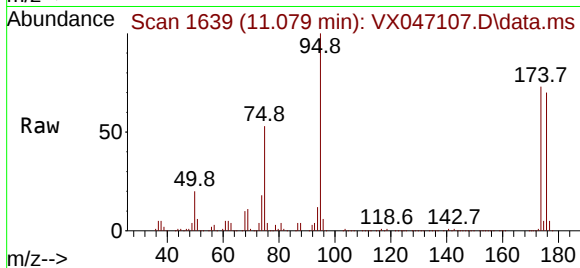
Tgt Ion: 95 Resp: 372094

Ion Ratio Lower Upper

95 100

174 71.7 0.0 144.6

176 69.7 0.0 139.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047107.D

Acq: 24 Jul 2025 10:34

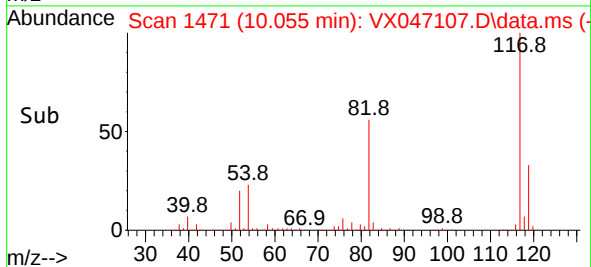
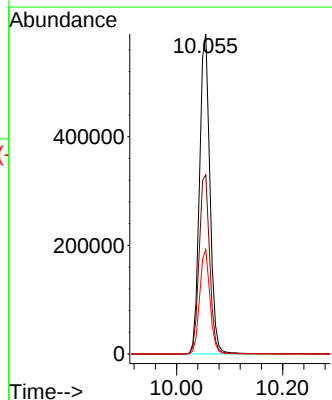
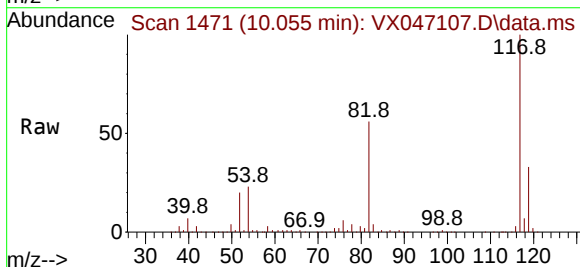
Tgt Ion: 117 Resp: 802389

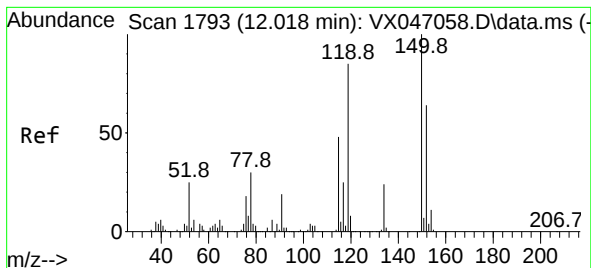
Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.2

119 32.6 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047107.D

Acq: 24 Jul 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

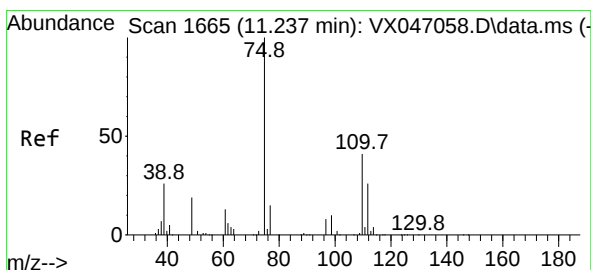
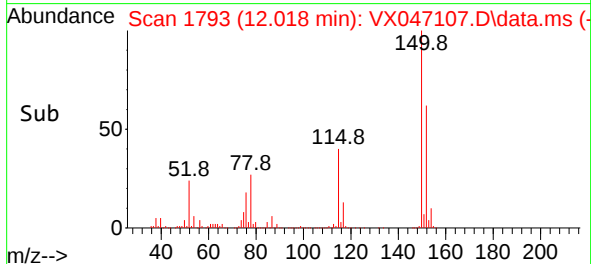
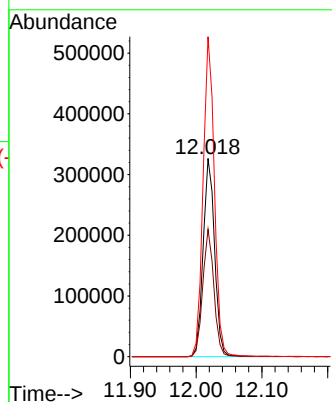
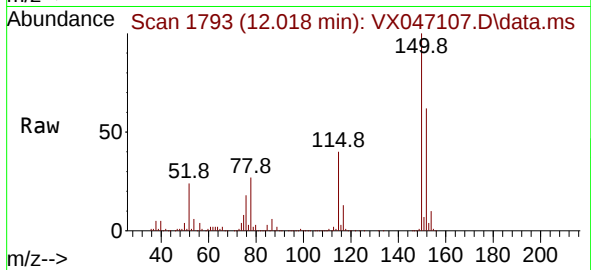
Tgt Ion:152 Resp: 396966

Ion Ratio Lower Upper

152 100

115 62.5 45.6 136.7

150 158.5 0.0 354.6



#76

1,2,3-Trichloropropane

Concen: 26.503 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047107.D

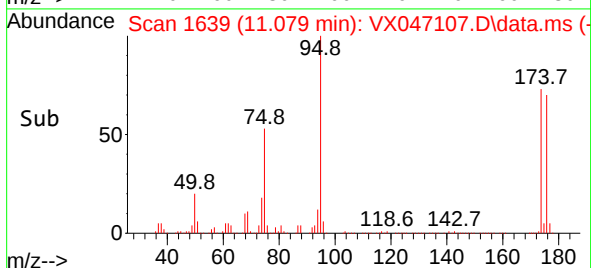
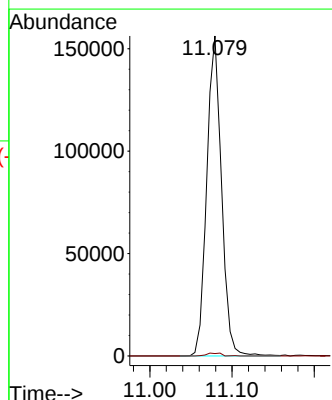
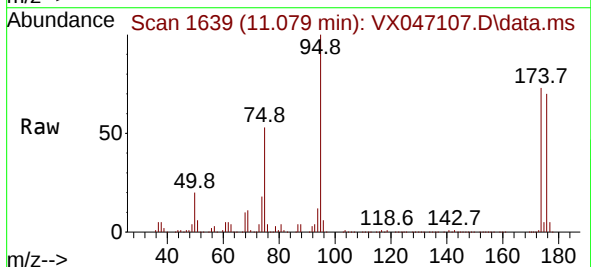
Acq: 24 Jul 2025 10:34

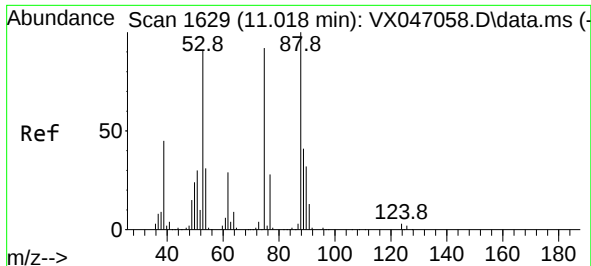
Tgt Ion: 75 Resp: 194737

Ion Ratio Lower Upper

75 100

77 0.9 21.6 65.0#

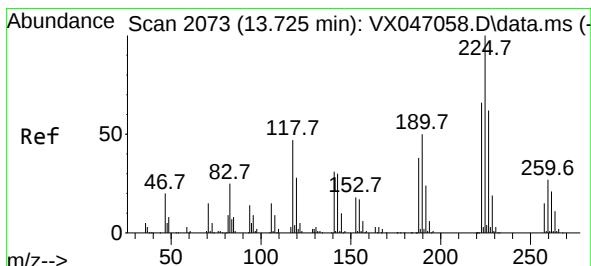
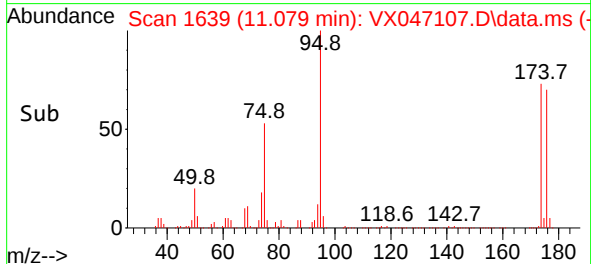
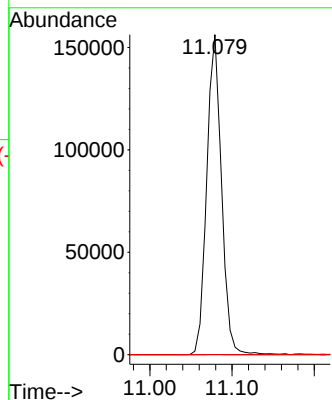
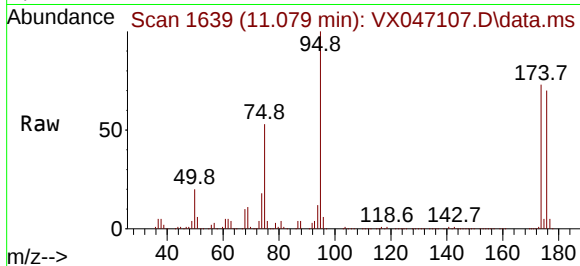




#81
trans-1,4-Dichloro-2-butene
Concen: 68.283 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 194737
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#



#94
Hexachlorobutadiene
Concen: 0.329 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Tgt Ion: 225 Resp: 1007
Ion Ratio Lower Upper
225 100
223 54.8 31.6 95.0
227 53.3 32.9 98.6

