

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080725\
 Data File : VX047253.D
 Acq On : 07 Aug 2025 11:03
 Operator : JC/MD
 Sample : VX0807WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBL01

Quant Time: Aug 08 02:40:31 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)

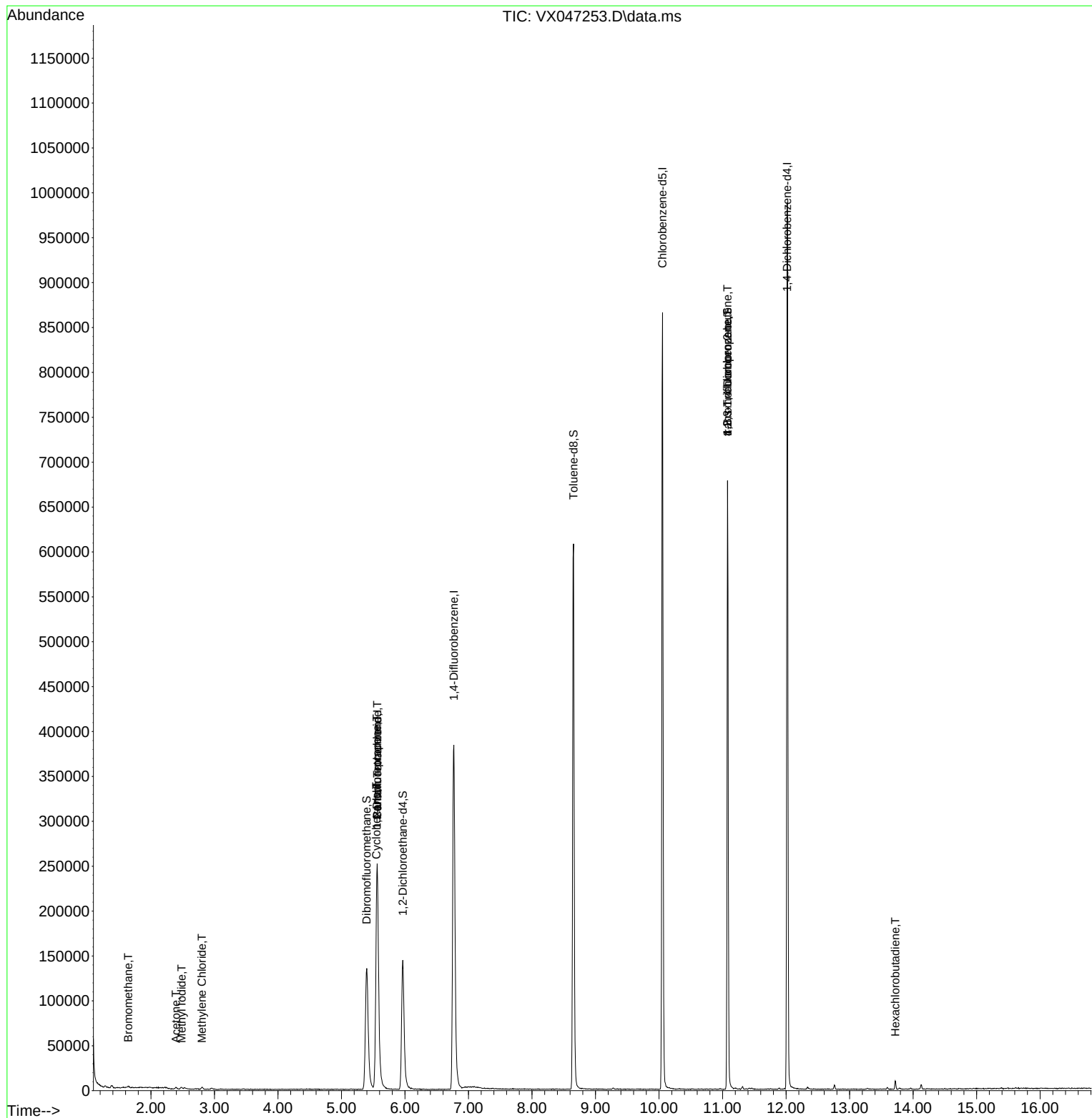
Internal Standards						
1) Pentafluorobenzene	5.562	168	248214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	424037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	198090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	151287	48.929	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.860%	
35) Dibromofluoromethane	5.397	113	129469	49.451	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.900%	
50) Toluene-d8	8.653	98	378639	44.657	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	89.320%#	
62) 4-Bromofluorobenzene	11.079	95	181050	49.550	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.100%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	928	0.487	ug/l	95
10) Methyl Iodide	2.483	142	3147	0.980	ug/l #	85
11) Tert butyl alcohol	2.965	59	141	Below Cal	#	72
16) Acetone	2.392	43	2871	2.318	ug/l #	79
20) Methylene Chloride	2.800	84	1143	0.335	ug/l #	84
31) Cyclohexane	5.550	56	5628	0.974	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	20835	4.669	ug/l #	51
38) Carbon Tetrachloride	5.562	117	25850	5.427	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	94728	25.836	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	94728	66.563	ug/l #	8
94) Hexachlorobutadiene	13.719	225	1235	0.807	ug/l	98

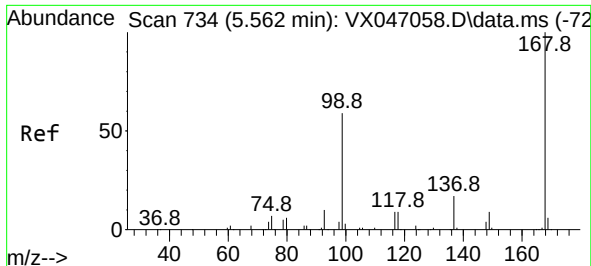
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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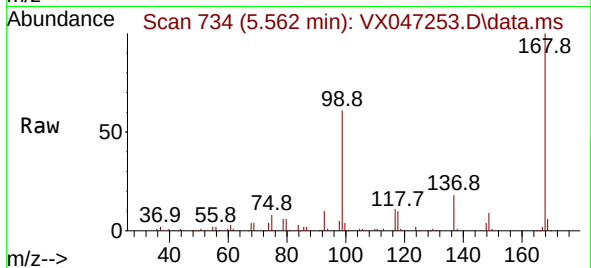
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
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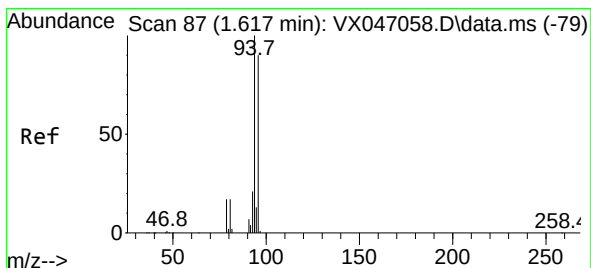
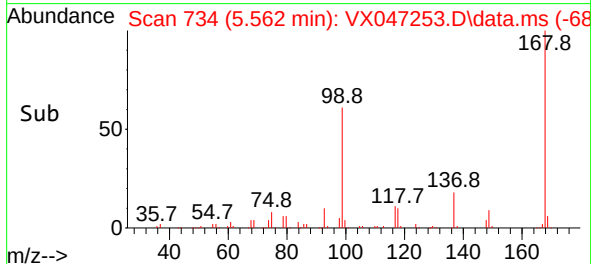
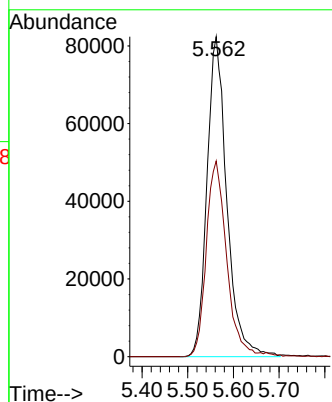


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

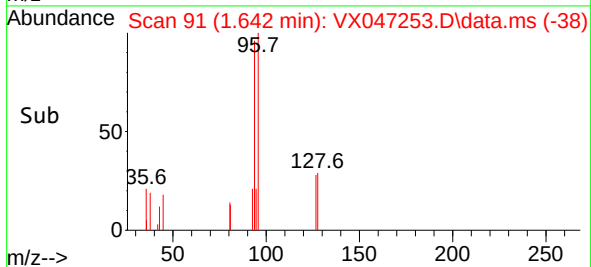
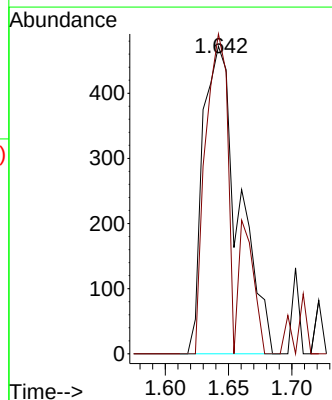
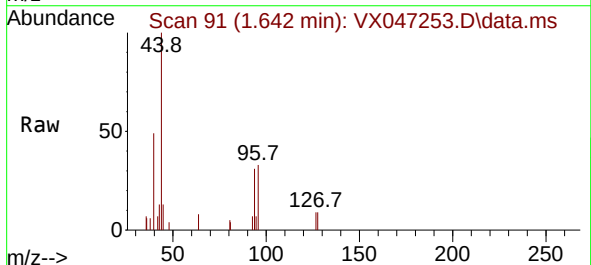


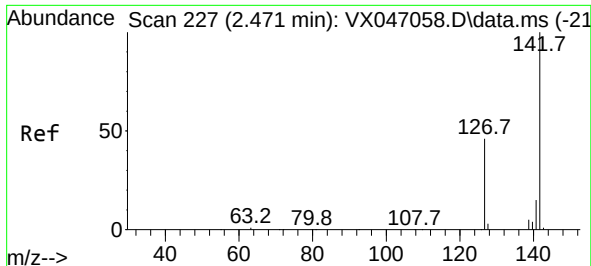
Tgt Ion:168 Resp: 248214
Ion Ratio Lower Upper
168 100
99 61.1 48.0 72.0



#5
Bromomethane
Concen: 0.487 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.025 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

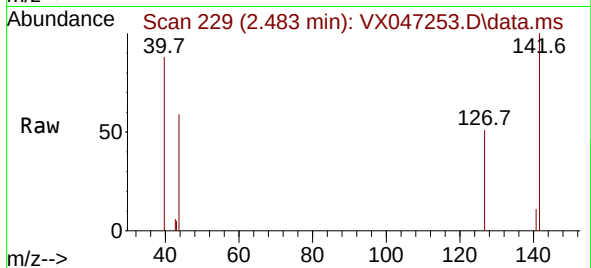
Tgt Ion: 94 Resp: 928
Ion Ratio Lower Upper
94 100
96 85.5 72.3 108.5



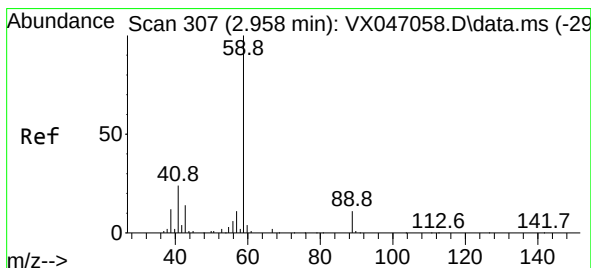
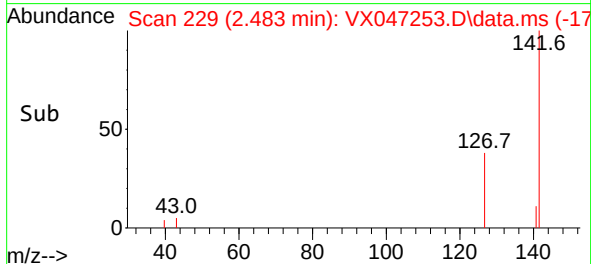
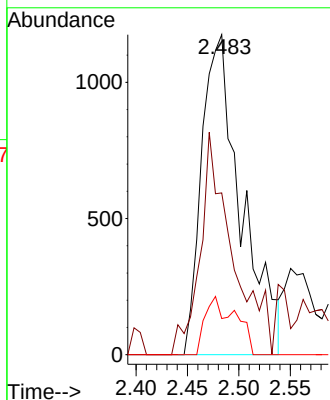


#10
Methyl Iodide
Concen: 0.980 ug/l
RT: 2.483 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

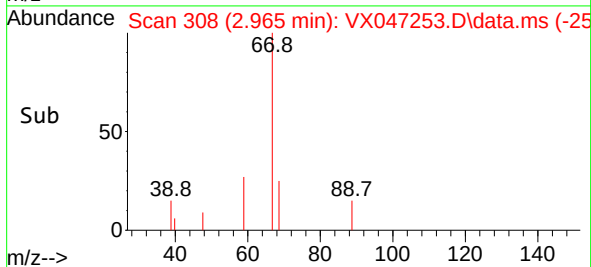
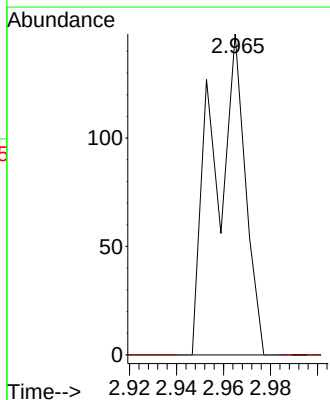
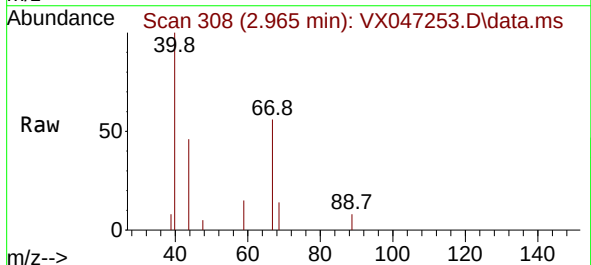


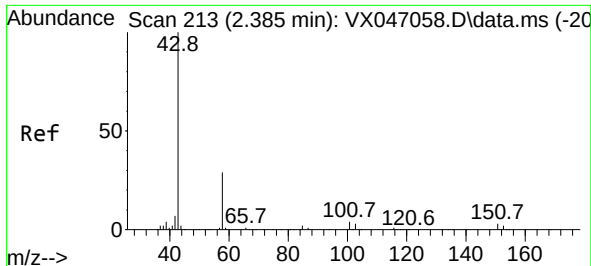
Tgt Ion:142 Resp: 3147
Ion Ratio Lower Upper
142 100
127 56.7 36.6 54.8#
141 9.2 10.9 16.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. 0.007 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

Tgt Ion: 59 Resp: 141
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

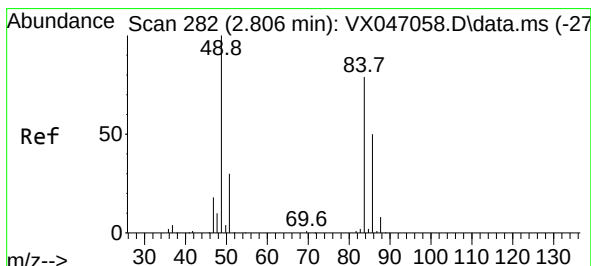
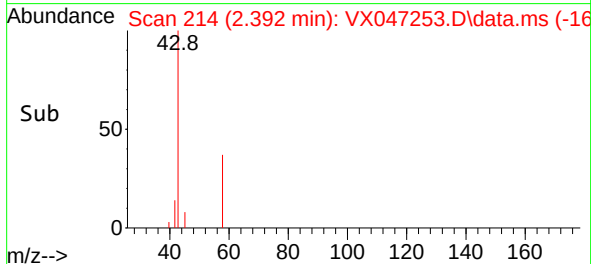
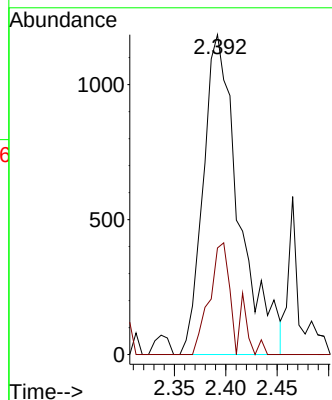
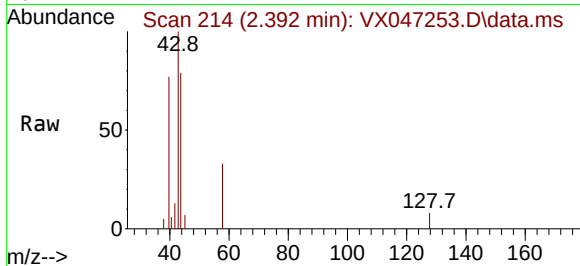




#16
Acetone
Concen: 2.318 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.007 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

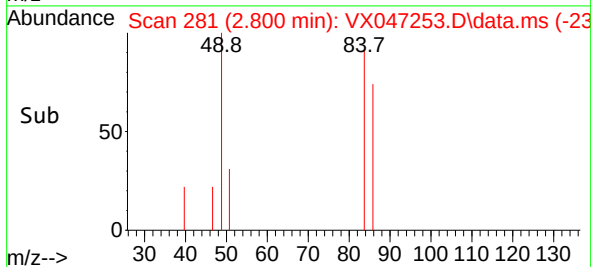
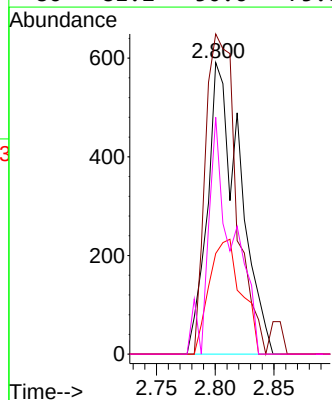
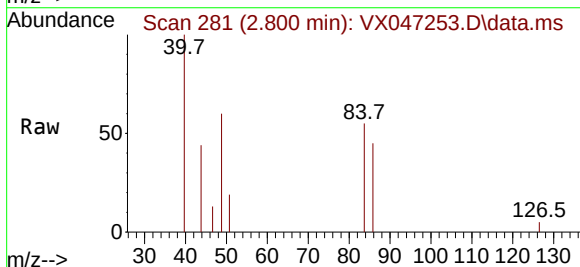
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

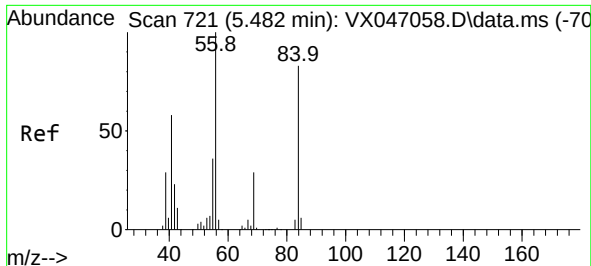
Tgt Ion: 43 Resp: 2871
Ion Ratio Lower Upper
43 100
58 18.6 24.0 36.0#



#20
Methylene Chloride
Concen: 0.335 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

Tgt Ion: 84 Resp: 1143
Ion Ratio Lower Upper
84 100
49 109.8 101.6 152.4
51 34.5 30.3 45.5
86 81.2 50.6 75.8#

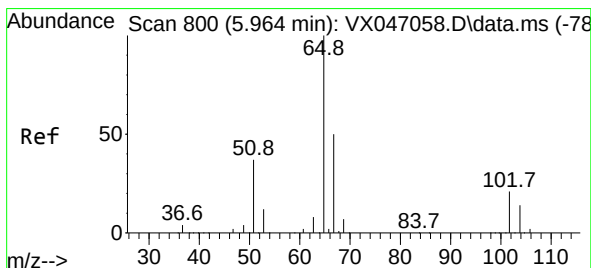
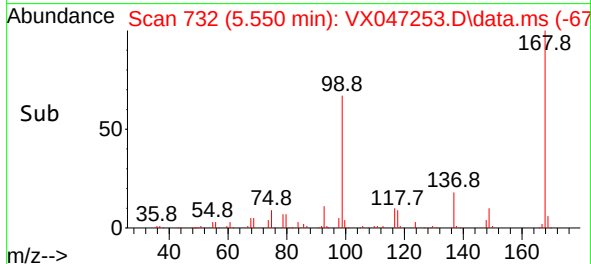
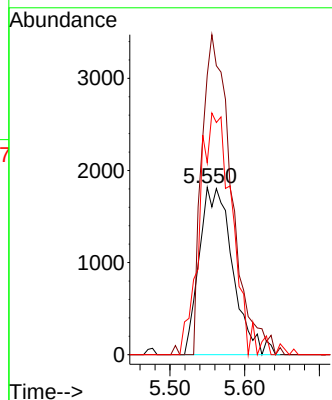
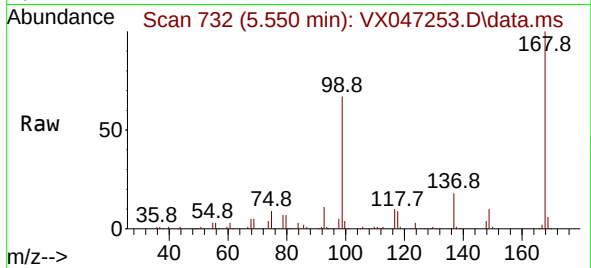




#31
Cyclohexane
Concen: 0.974 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

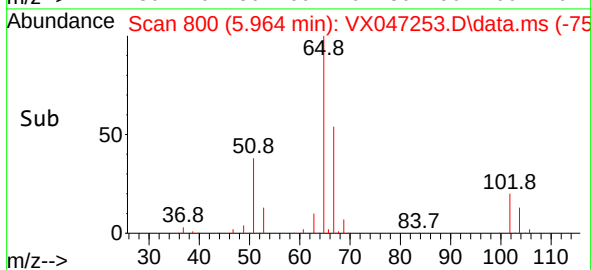
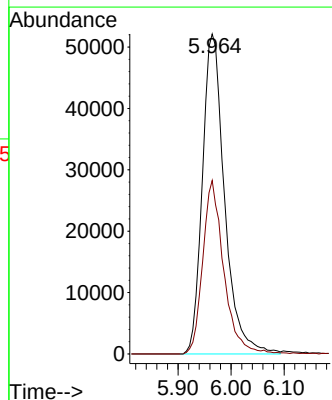
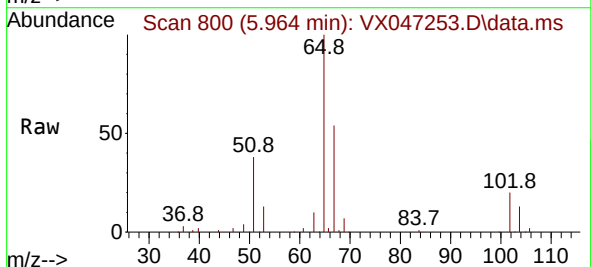
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

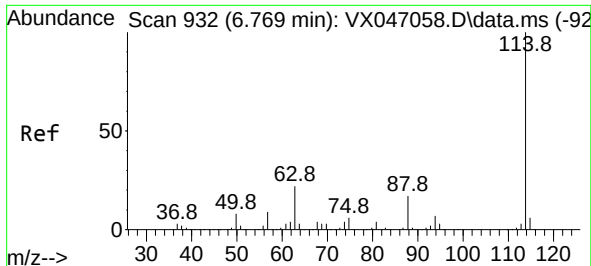
Tgt Ion: 56 Resp: 5628
Ion Ratio Lower Upper
56 100
69 167.0 23.3 34.9#
84 114.6 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 48.929 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

Tgt Ion: 65 Resp: 151287
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

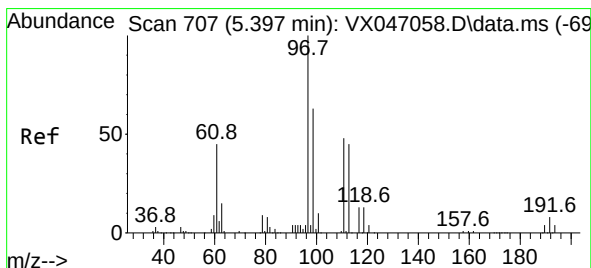
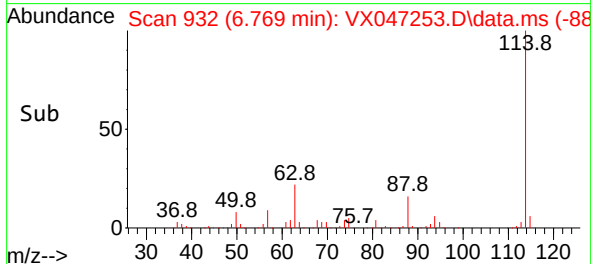
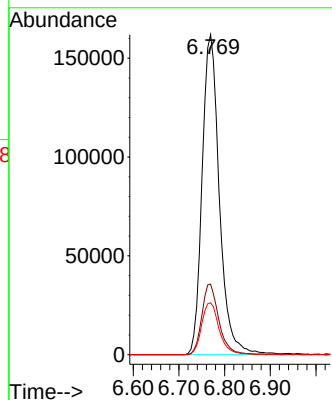
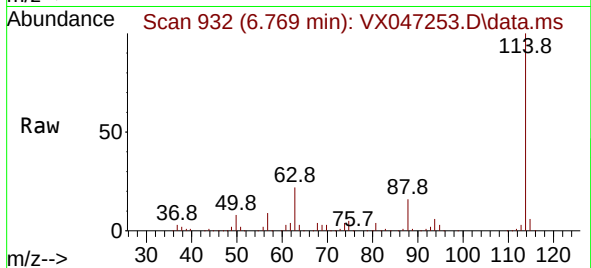




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

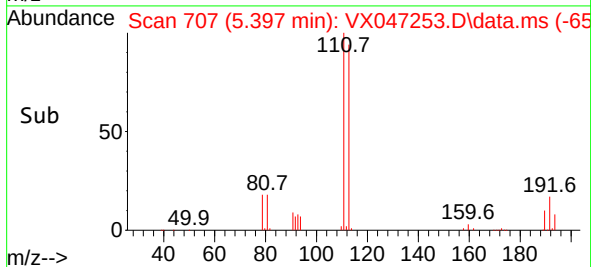
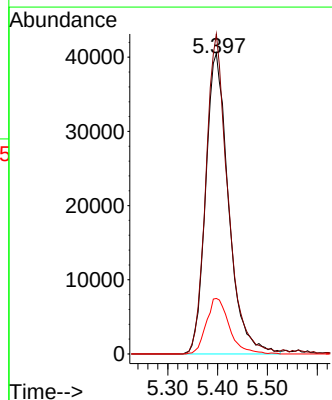
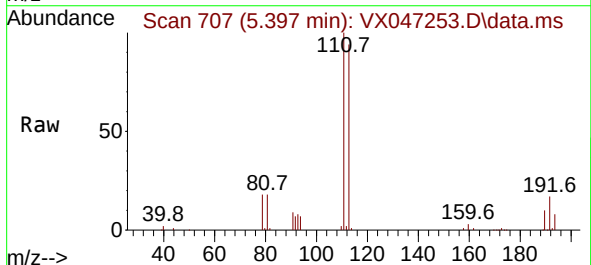
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

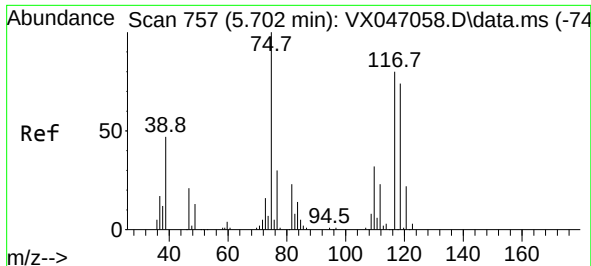
Tgt Ion:114 Resp: 424037
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.2
88 16.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.451 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

Tgt Ion:113 Resp: 129469
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.5 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.669 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX047253.D

Acq: 07 Aug 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBL01

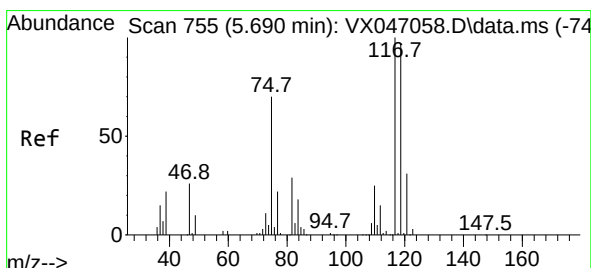
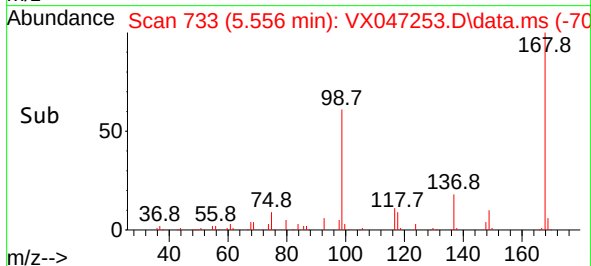
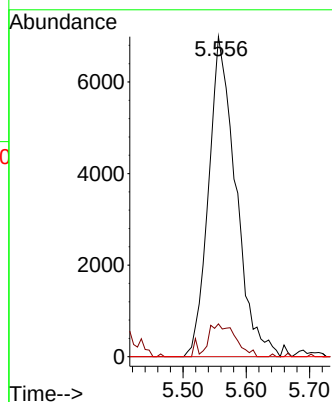
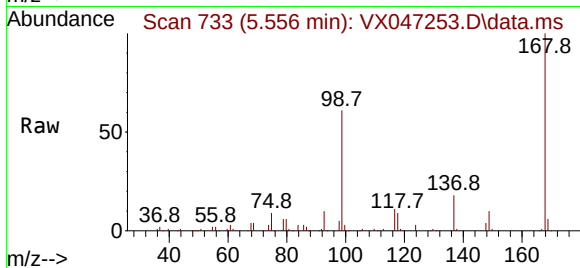
Tgt Ion: 75 Resp: 20835

Ion Ratio Lower Upper

75 100

110 9.9 17.2 51.5#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.427 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX047253.D

Acq: 07 Aug 2025 11:03

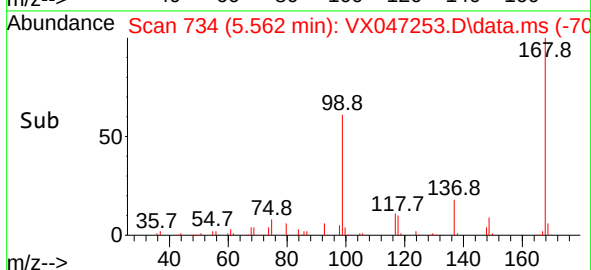
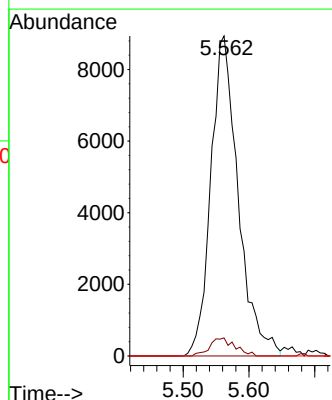
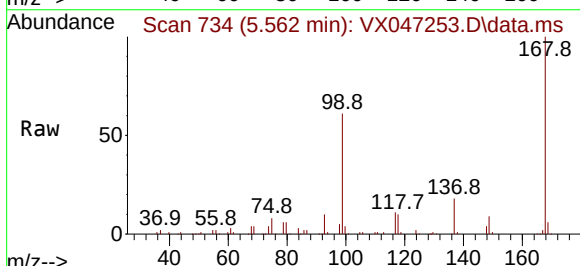
Tgt Ion: 117 Resp: 25850

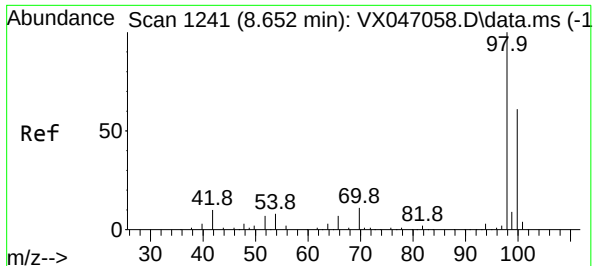
Ion Ratio Lower Upper

117 100

119 5.7 76.6 115.0#

121 0.0 24.4 36.6#

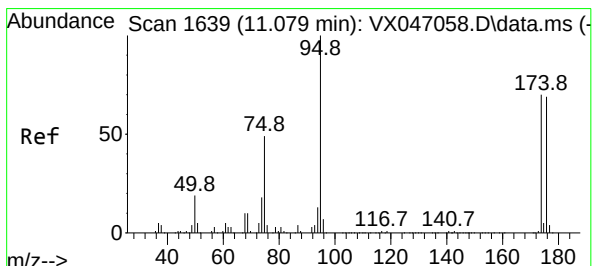
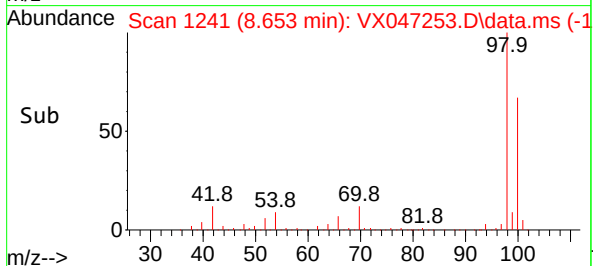
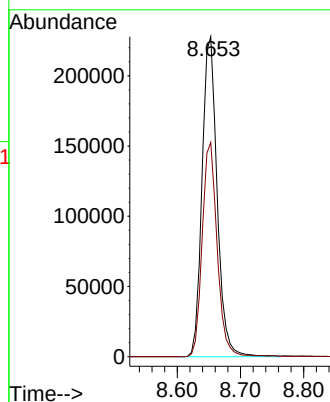
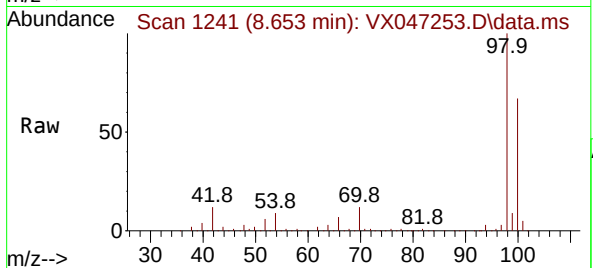




#50
Toluene-d8
Concen: 44.657 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

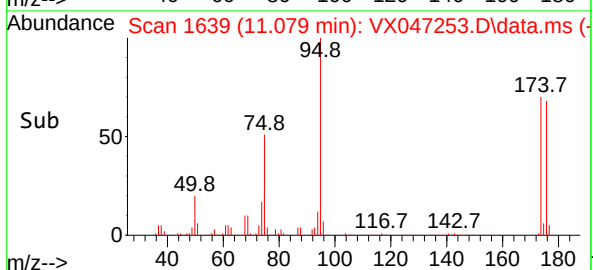
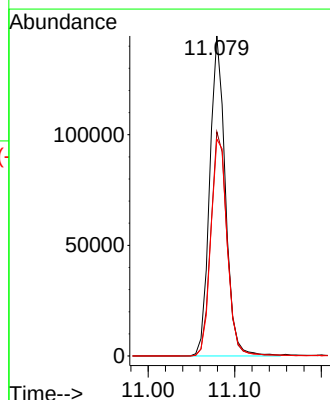
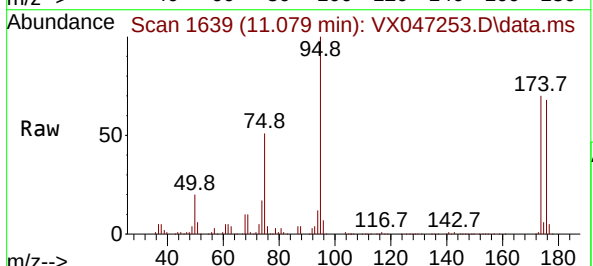
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

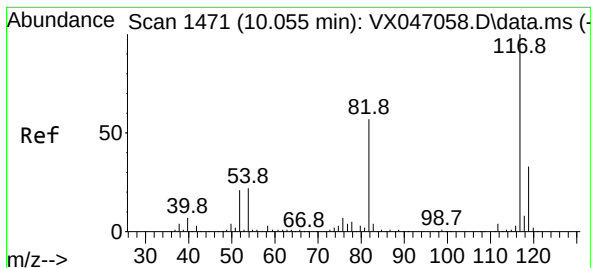
Tgt Ion: 98 Resp: 378639
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 49.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

Tgt Ion: 95 Resp: 181050
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.6
176 71.6 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: VX047253.D

Acq: 07 Aug 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBL01

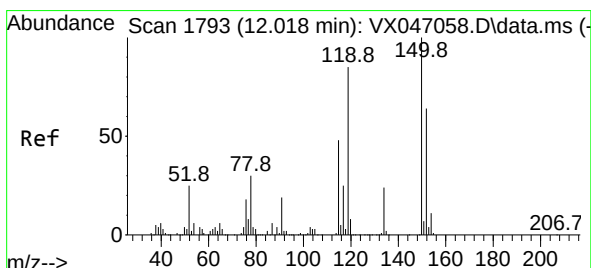
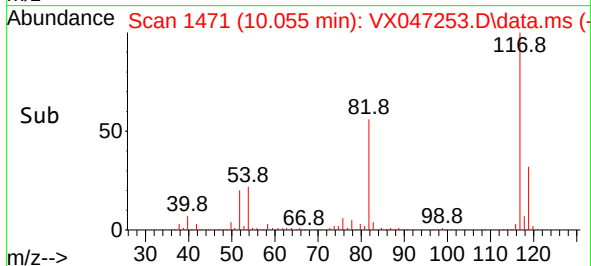
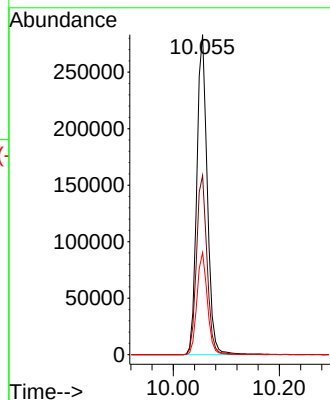
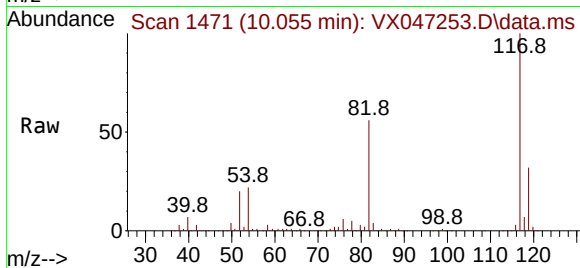
Tgt Ion:117 Resp: 386661

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.2

119 31.9 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047253.D

Acq: 07 Aug 2025 11:03

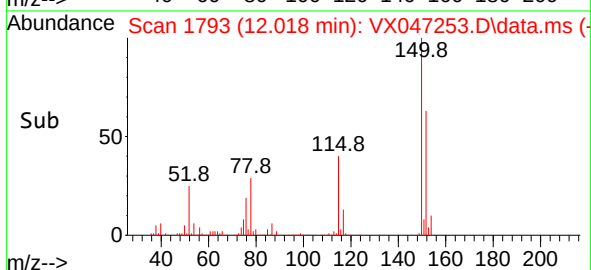
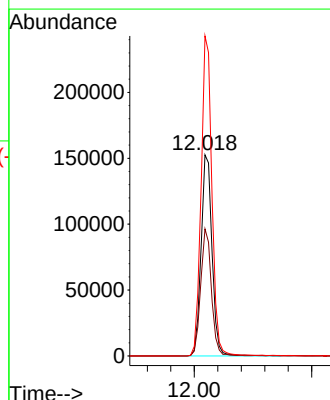
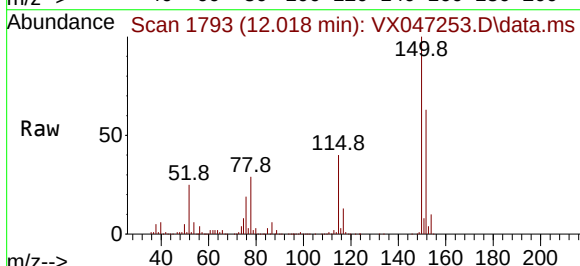
Tgt Ion:152 Resp: 198090

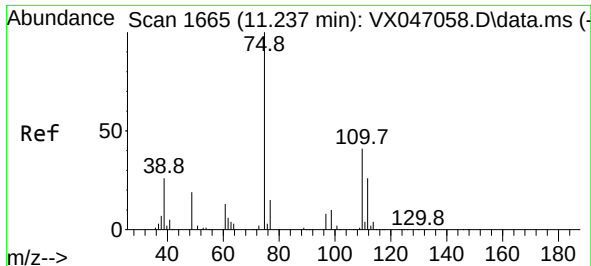
Ion Ratio Lower Upper

152 100

115 61.9 45.6 136.7

150 156.8 0.0 354.6

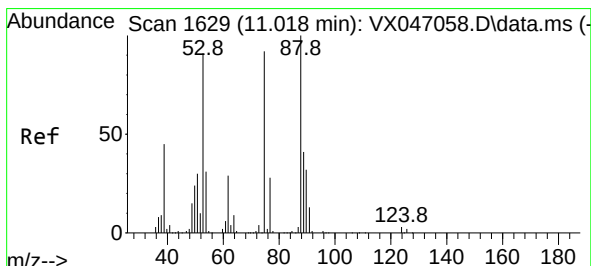
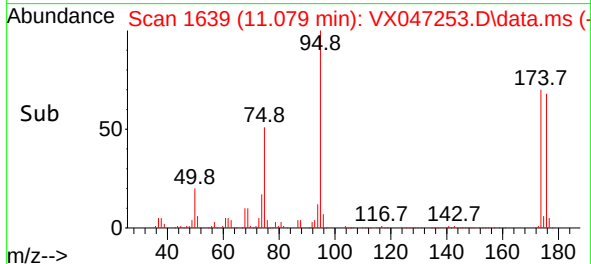
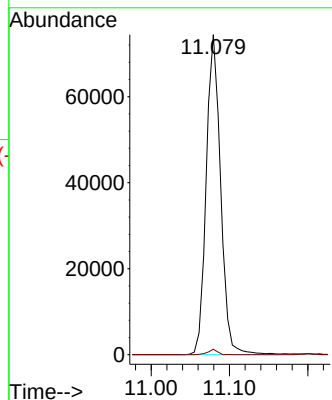
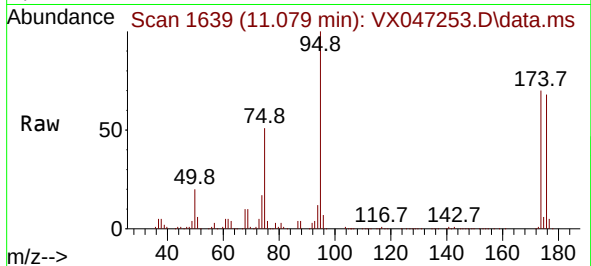




#76
1,2,3-Trichloropropane
Concen: 25.836 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

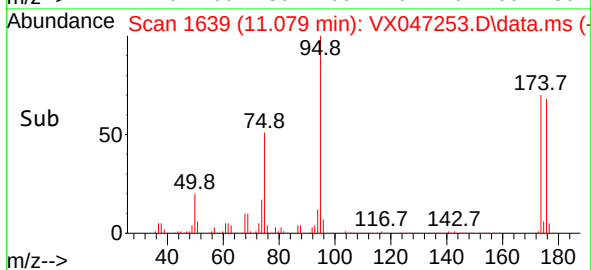
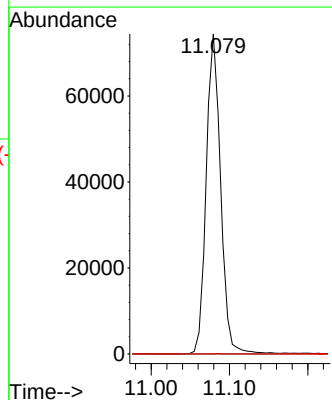
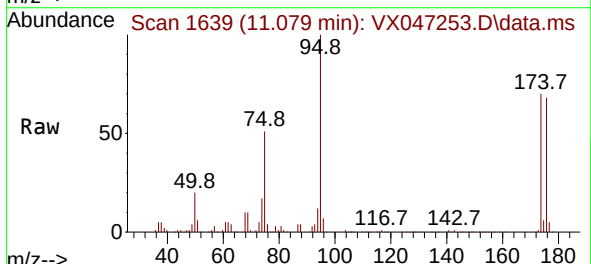
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

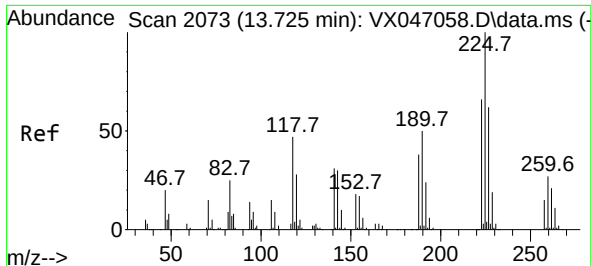
Tgt Ion: 75 Resp: 94728
Ion Ratio Lower Upper
75 100
77 1.1 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

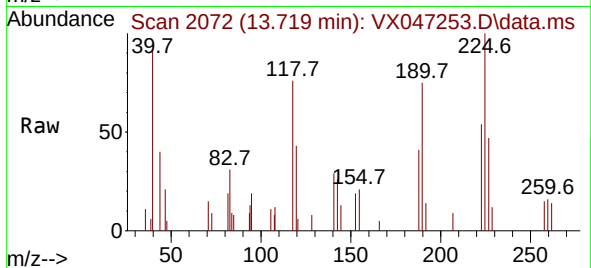
Tgt Ion: 75 Resp: 94728
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#





#94
 Hexachlorobutadiene
 Concen: 0.807 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX047253.D
 Acq: 07 Aug 2025 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBL01



Tgt Ion:	225	Resp:	1235
Ion Ratio	Lower	Upper	
225	100		
223	60.4	31.6	95.0
227	66.1	32.9	98.6

