

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047286.D
 Acq On : 12 Aug 2025 10:50
 Operator : JC/MD
 Sample : VX0812WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBL01

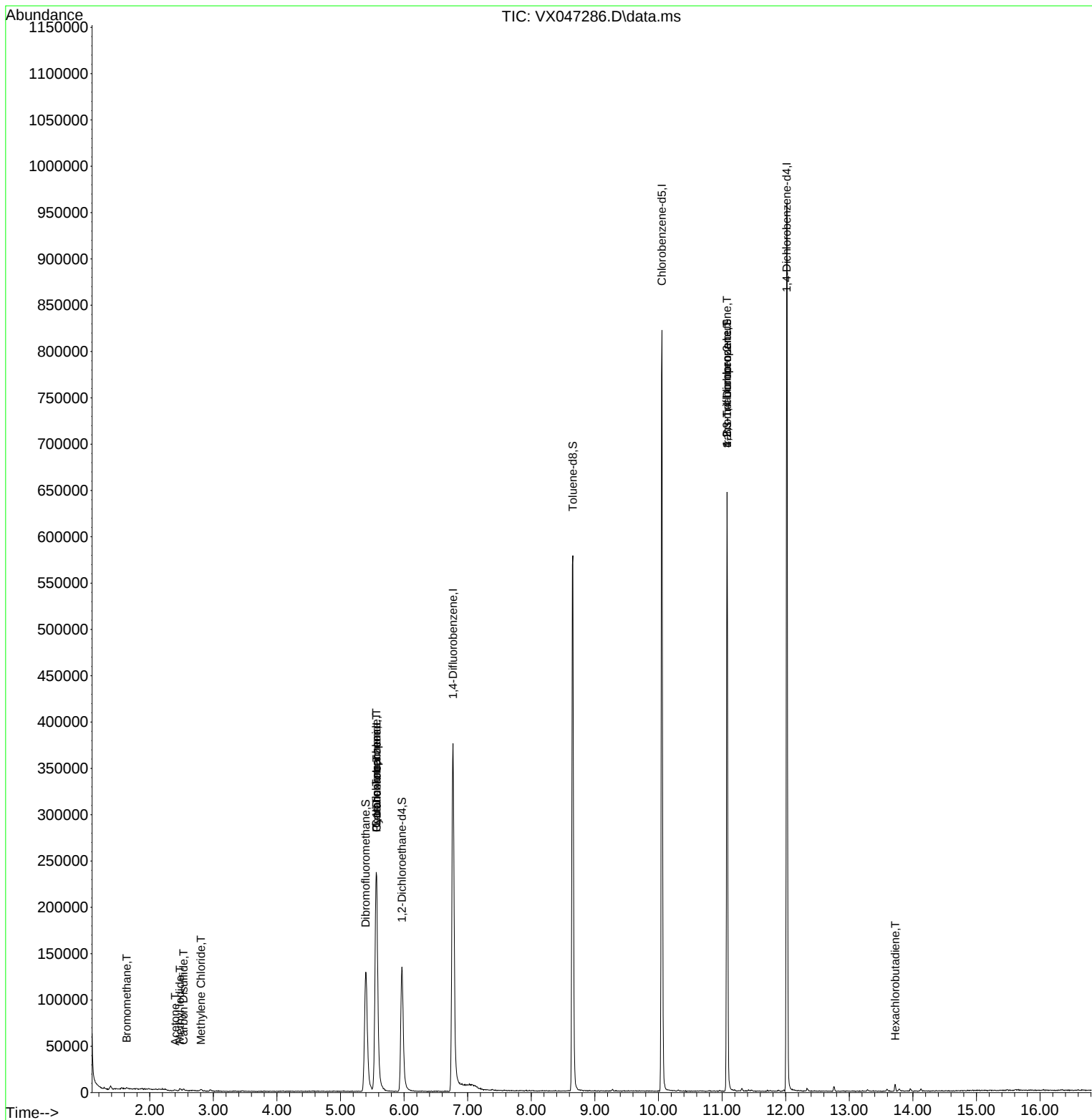
Quant Time: Aug 13 01:16:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	243306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	406229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	191017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143676	47.405	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.800%		
35) Dibromofluoromethane	5.397	113	125607	50.079	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.160%		
50) Toluene-d8	8.653	98	358726	44.163	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.320%#		
62) 4-Bromofluorobenzene	11.079	95	177049	50.579	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.160%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	1081	0.579	ug/l	92
10) Methyl Iodide	2.477	142	4025	1.279	ug/l	96
11) Tert butyl alcohol	2.953	59	221	Below Cal	#	72
16) Acetone	2.398	43	1788	1.473	ug/l #	71
17) Carbon Disulfide	2.532	76	2179	0.246	ug/l #	73
20) Methylene Chloride	2.806	84	960	0.287	ug/l #	56
31) Cyclohexane	5.568	56	5528	0.976	ug/l #	4
36) 1,1-Dichloropropene	5.562	75	19632	4.592	ug/l #	50
38) Carbon Tetrachloride	5.562	117	25626	5.616	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	89687	25.367	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	89687	65.354	ug/l #	8
94) Hexachlorobutadiene	13.725	225	1095	0.742	ug/l	95

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

Quant Time: Aug 13 01:16:39 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

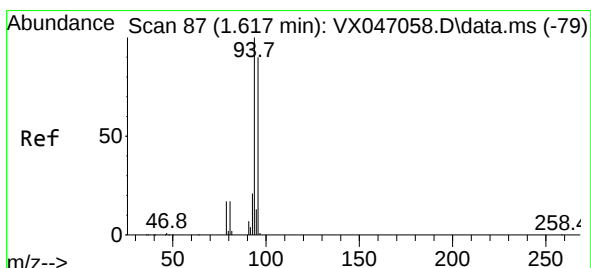
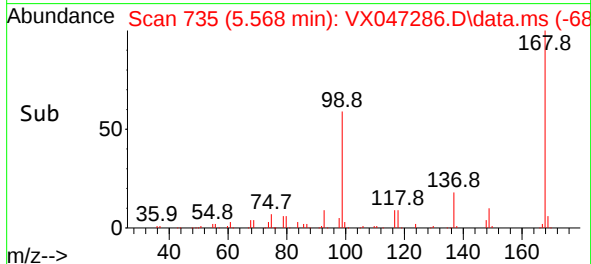
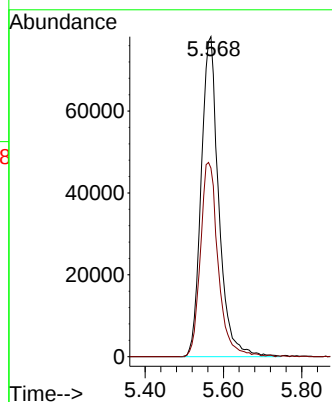
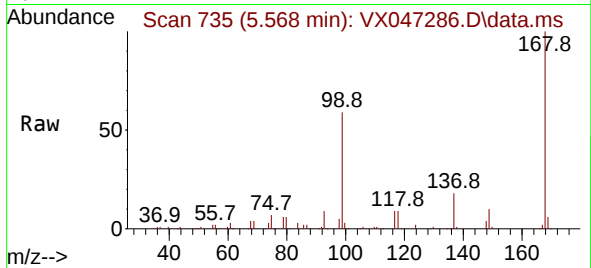




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047286.D
Acq: 12 Aug 2025 10:50

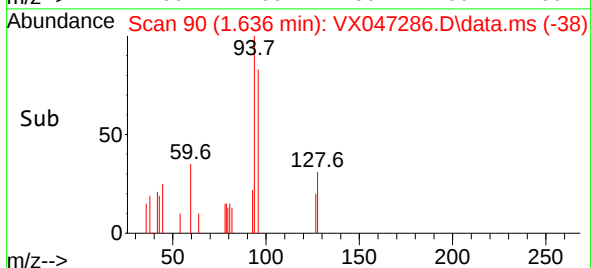
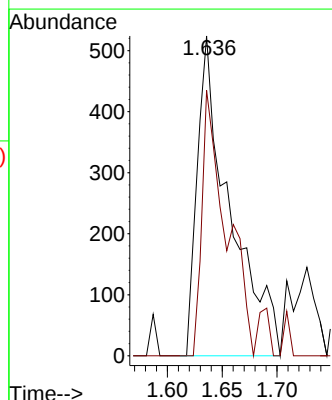
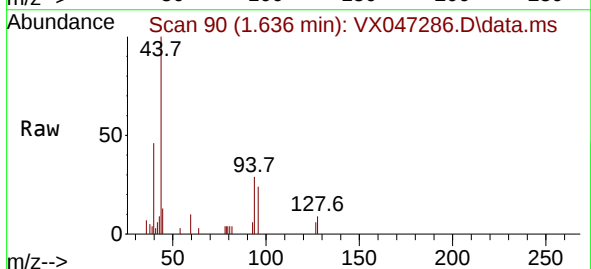
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBL01

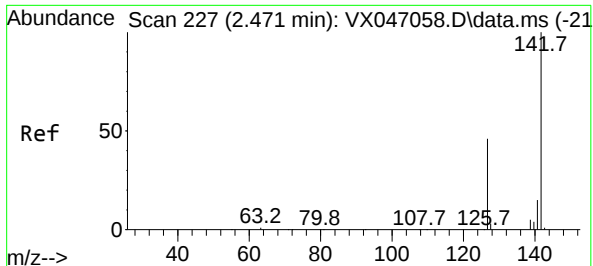
Tgt Ion:168 Resp: 243306
Ion Ratio Lower Upper
168 100
99 58.9 48.0 72.0



#5
Bromomethane
Concen: 0.579 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.019 min
Lab File: VX047286.D
Acq: 12 Aug 2025 10:50

Tgt Ion: 94 Resp: 1081
Ion Ratio Lower Upper
94 100
96 83.0 72.3 108.5

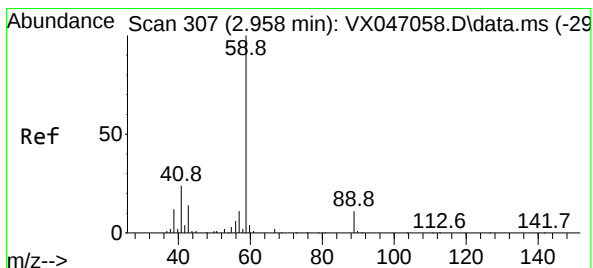
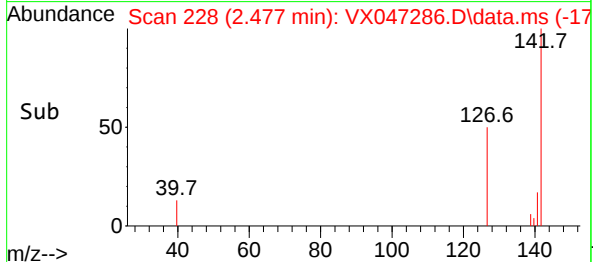
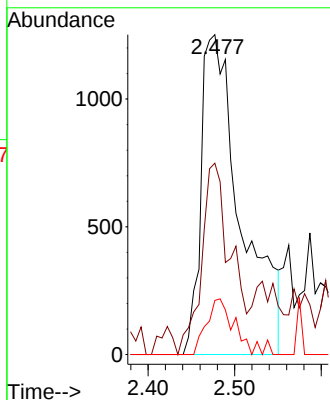
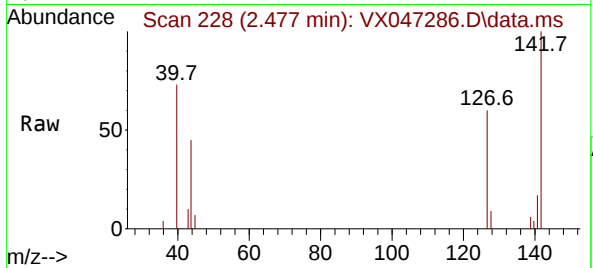




#10
Methyl Iodide
Concen: 1.279 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047286.D
Acq: 12 Aug 2025 10:50

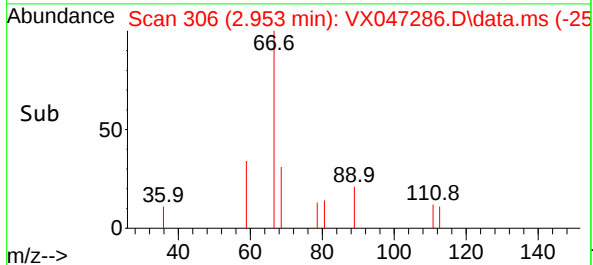
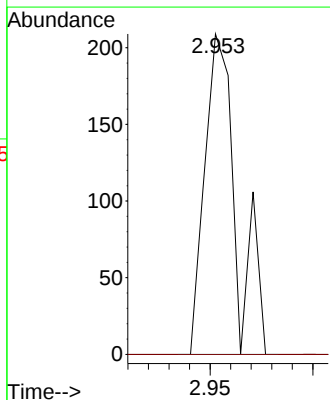
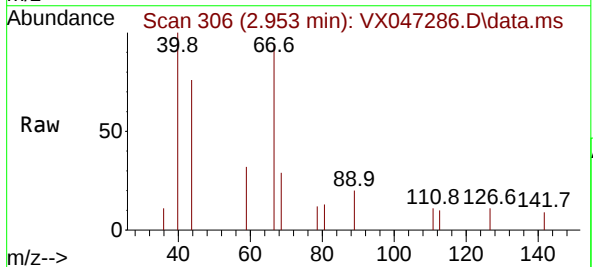
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBL01

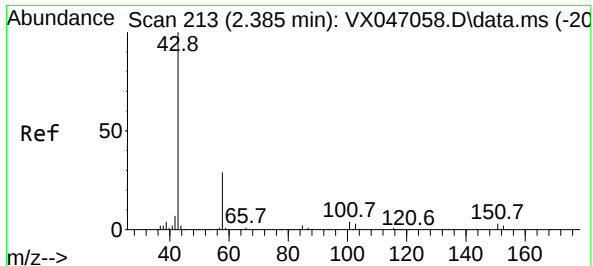
Tgt Ion:142 Resp: 4025
Ion Ratio Lower Upper
142 100
127 43.3 36.6 54.8
141 11.6 10.9 16.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX047286.D
Acq: 12 Aug 2025 10:50

Tgt Ion: 59 Resp: 221
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

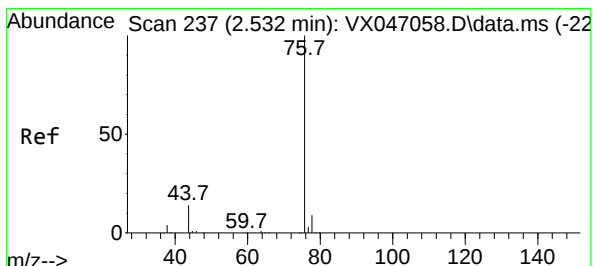
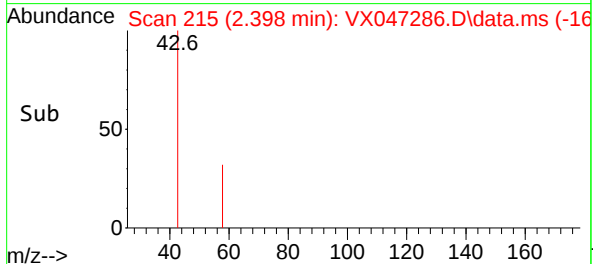
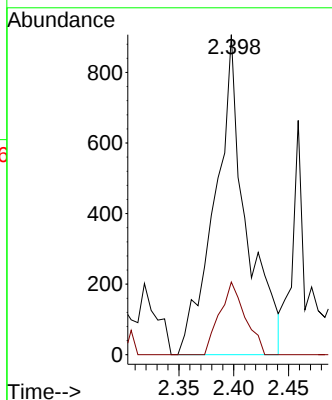
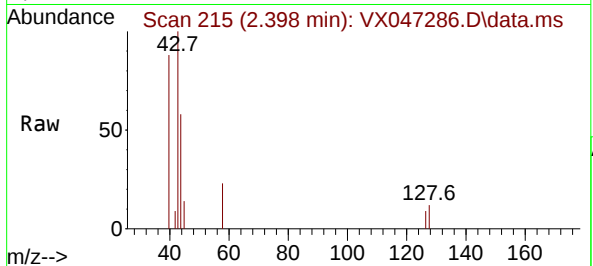




#16
Acetone
Concen: 1.473 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX047286.D
Acq: 12 Aug 2025 10:50

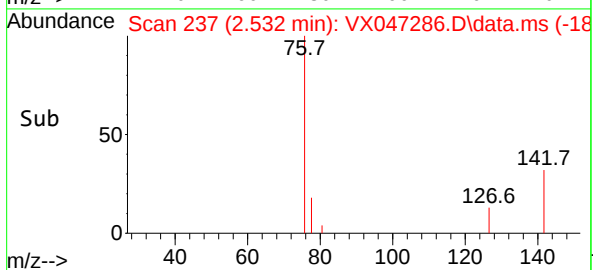
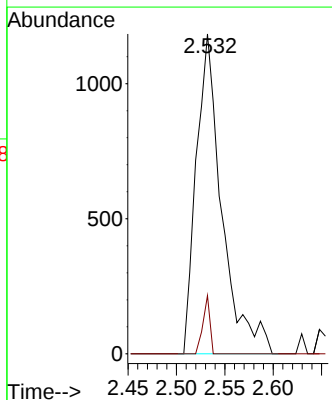
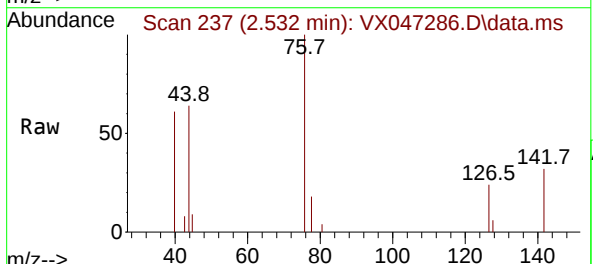
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBL01

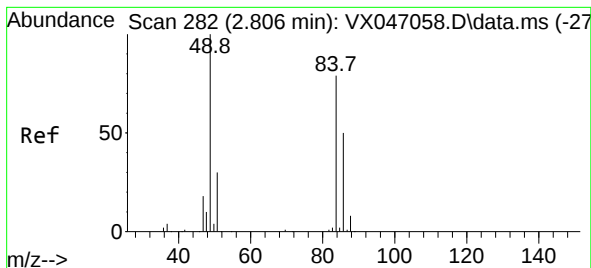
Tgt Ion: 43 Resp: 1788
Ion Ratio Lower Upper
43 100
58 14.4 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047286.D
Acq: 12 Aug 2025 10:50

Tgt Ion: 76 Resp: 2179
Ion Ratio Lower Upper
76 100
78 18.2 7.0 10.4#





#20

Methylene Chloride

Concen: 0.287 ug/l

RT: 2.806 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX047286.D

Acq: 12 Aug 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBL01

Tgt Ion: 84 Resp: 960

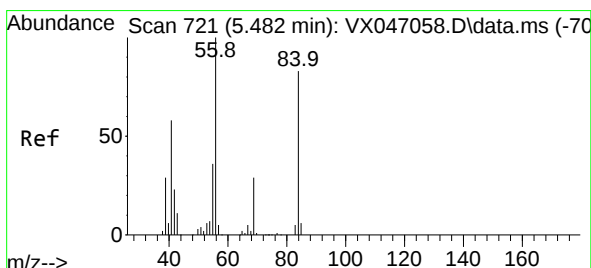
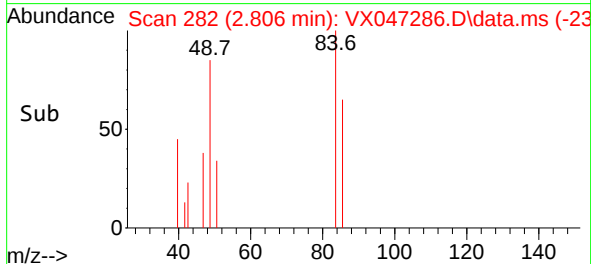
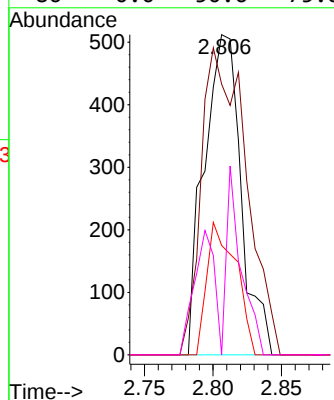
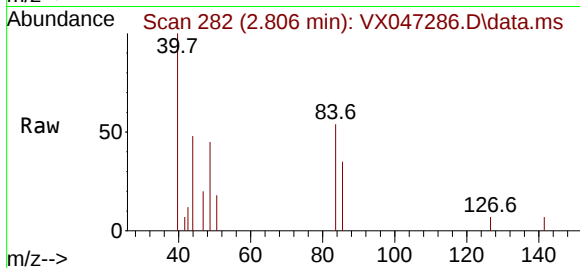
Ion Ratio Lower Upper

84 100

49 84.6 101.6 152.4#

51 34.2 30.3 45.5

86 0.0 50.6 75.8#



#31

Cyclohexane

Concen: 0.976 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.086 min

Lab File: VX047286.D

Acq: 12 Aug 2025 10:50

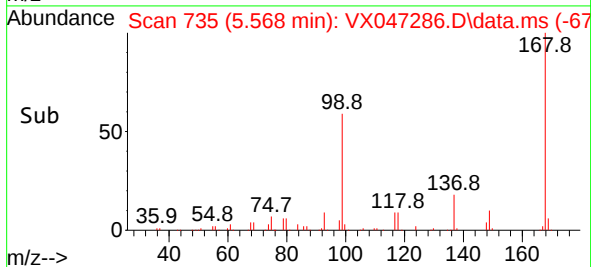
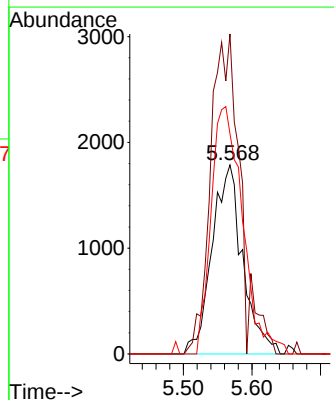
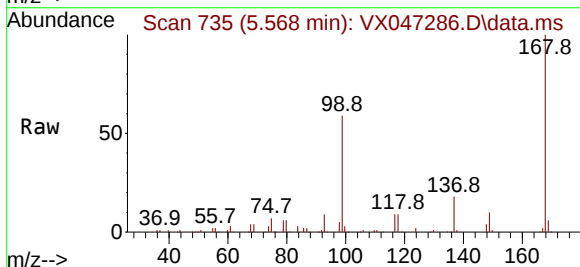
Tgt Ion: 56 Resp: 5528

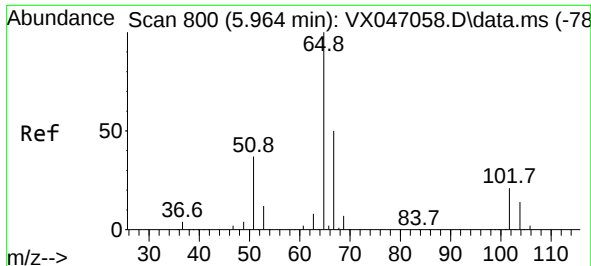
Ion Ratio Lower Upper

56 100

69 169.4 23.3 34.9#

84 116.6 66.5 99.7#

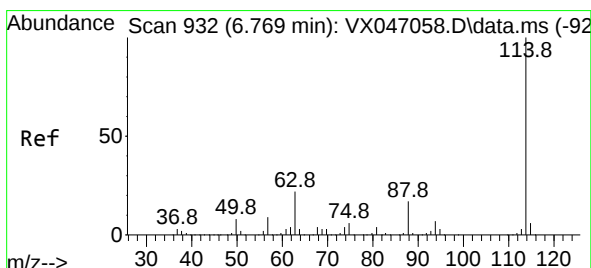
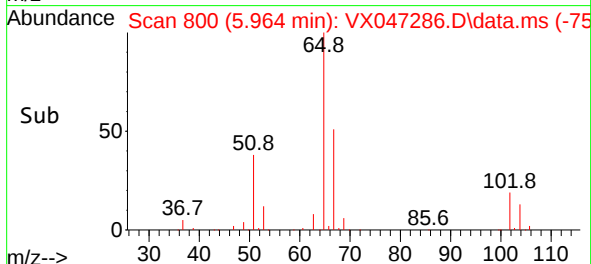
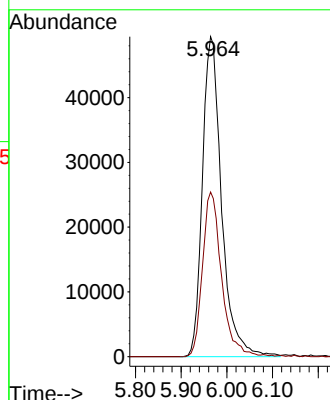
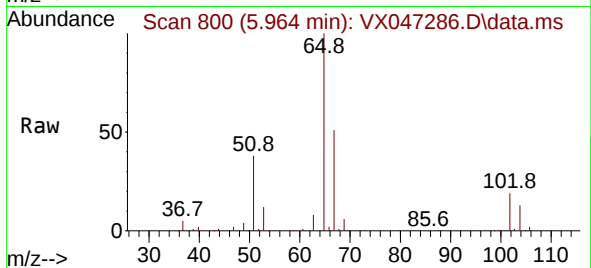




#33
 1,2-Dichloroethane-d4
 Concen: 47.405 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047286.D
 Acq: 12 Aug 2025 10:50

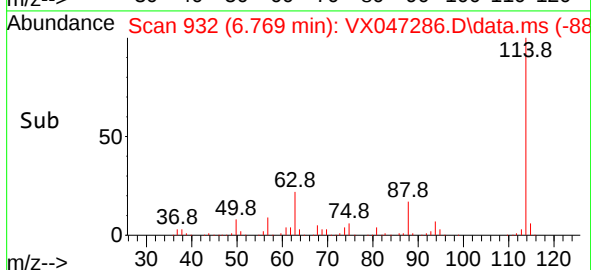
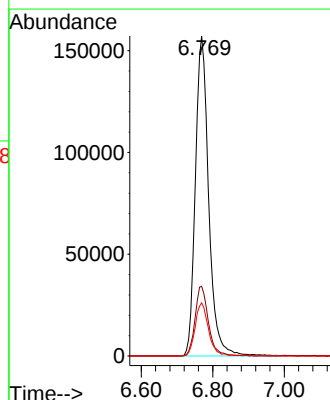
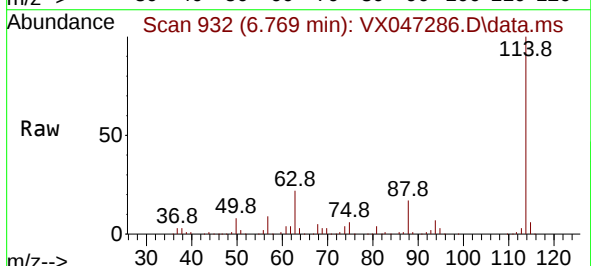
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBL01

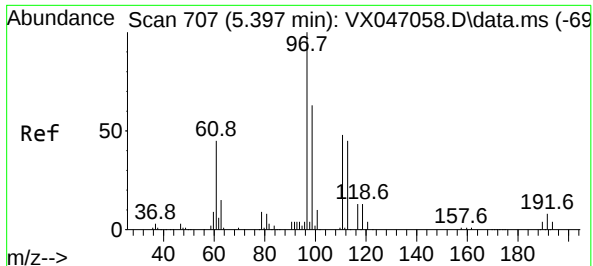
Tgt Ion: 65 Resp: 143676
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047286.D
 Acq: 12 Aug 2025 10:50

Tgt Ion: 114 Resp: 406229
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.079 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047286.D

Acq: 12 Aug 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBL01

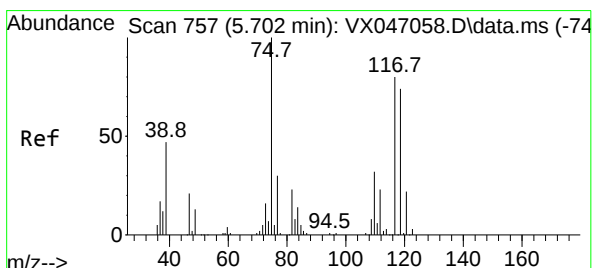
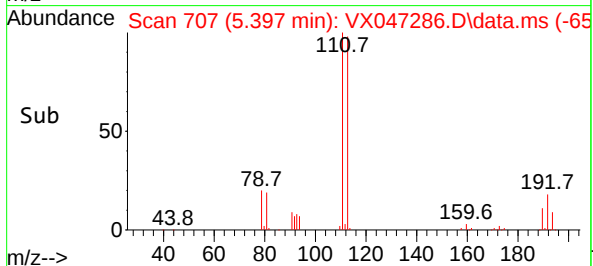
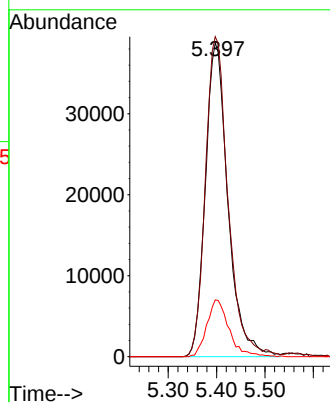
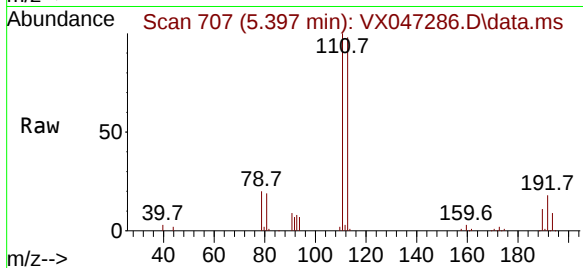
Tgt Ion:113 Resp: 125607

Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 17.8 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.592 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX047286.D

Acq: 12 Aug 2025 10:50

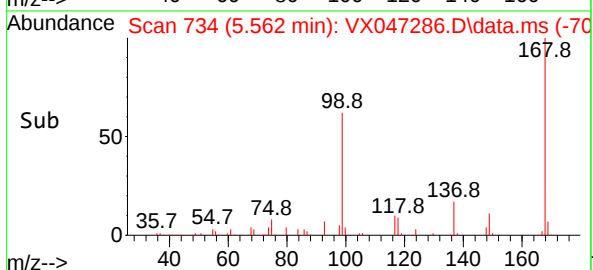
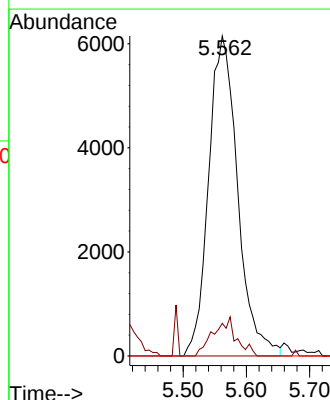
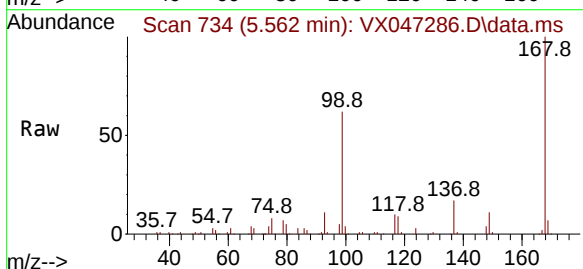
Tgt Ion: 75 Resp: 19632

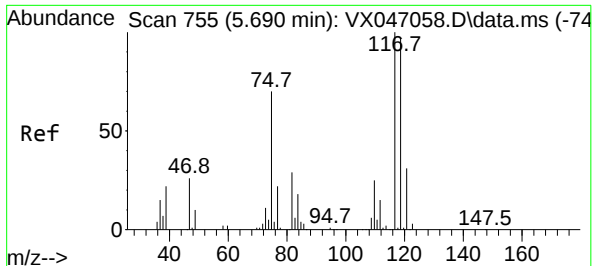
Ion Ratio Lower Upper

75 100

110 9.6 17.2 51.5#

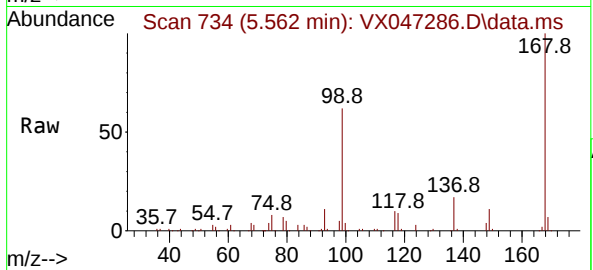
77 0.0 25.1 37.7#



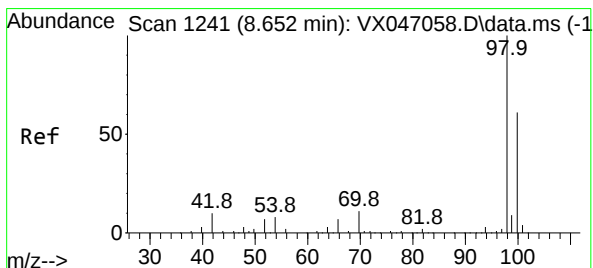
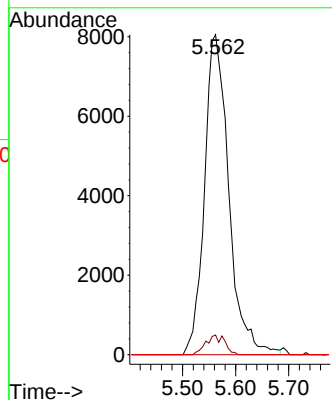
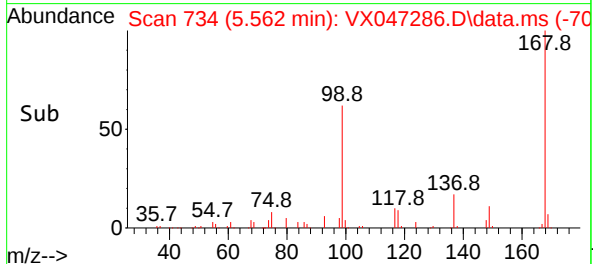


#38
Carbon Tetrachloride
Concen: 5.616 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047286.D
Acq: 12 Aug 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBL01

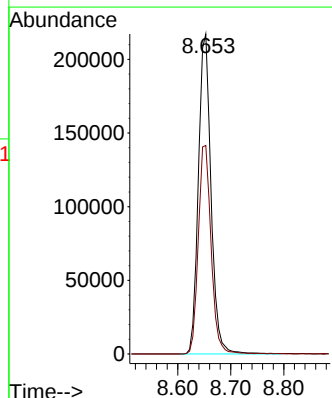
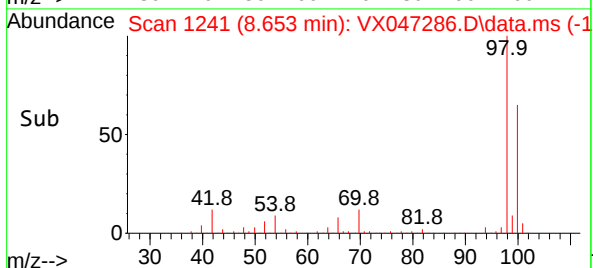
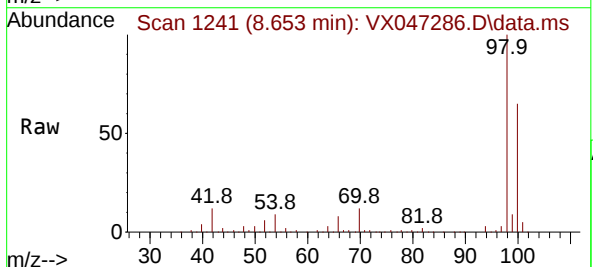


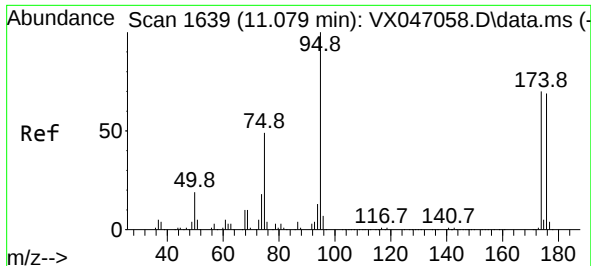
Tgt Ion:117 Resp: 25626
Ion Ratio Lower Upper
117 100
119 6.2 76.6 115.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.163 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047286.D
Acq: 12 Aug 2025 10:50

Tgt Ion: 98 Resp: 358726
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9

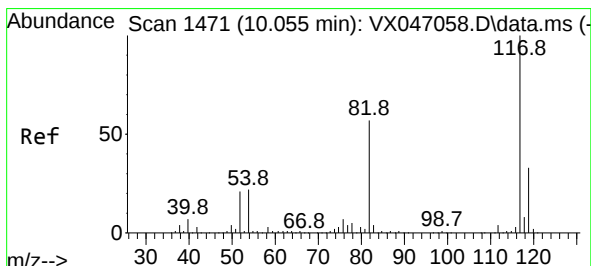
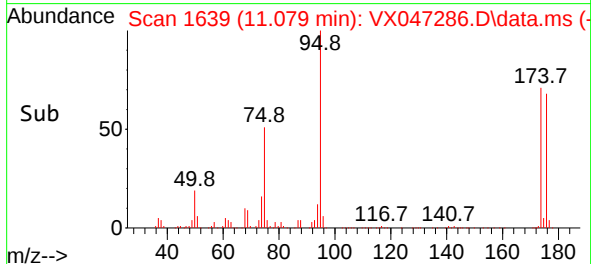
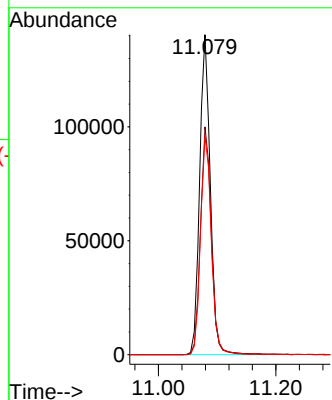
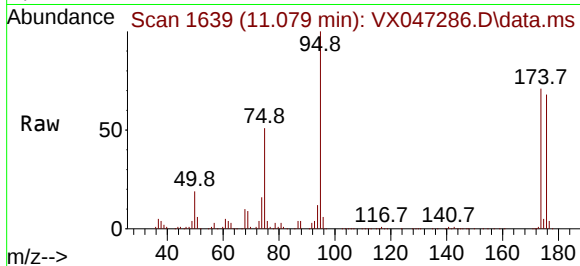




#62
4-Bromofluorobenzene
Concen: 50.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047286.D
Acq: 12 Aug 2025 10:50

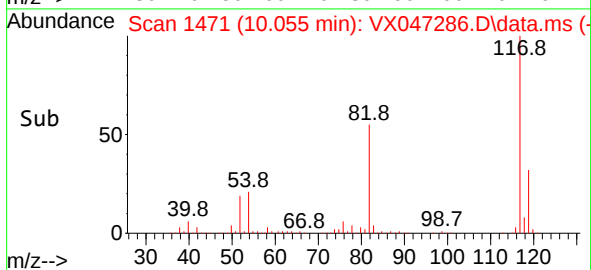
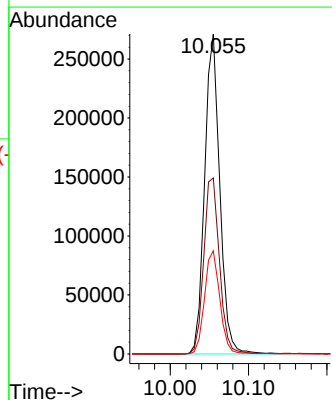
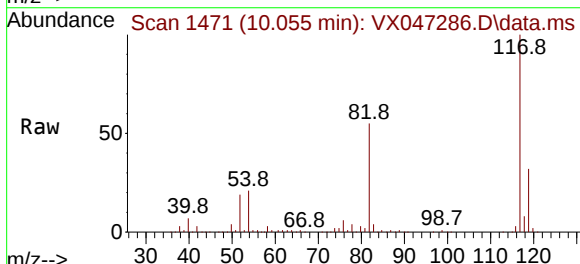
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBL01

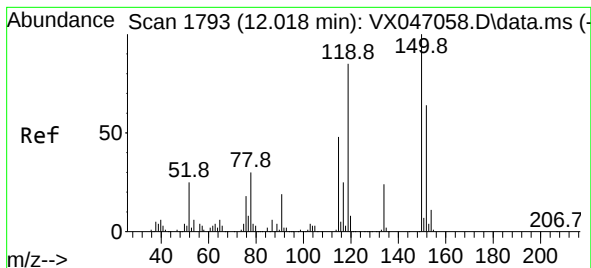
Tgt Ion: 95 Resp: 177049
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.6
176 69.3 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047286.D
Acq: 12 Aug 2025 10:50

Tgt Ion: 117 Resp: 363829
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 32.3 26.1 39.1

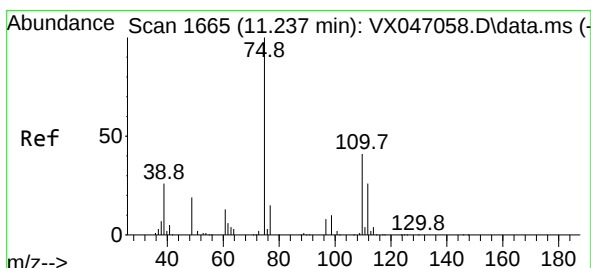
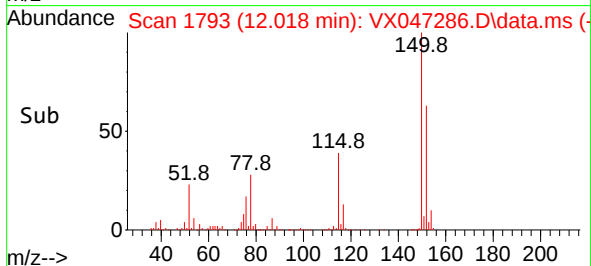
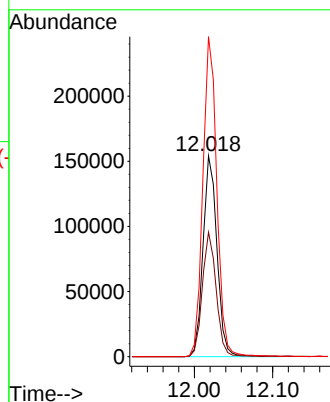
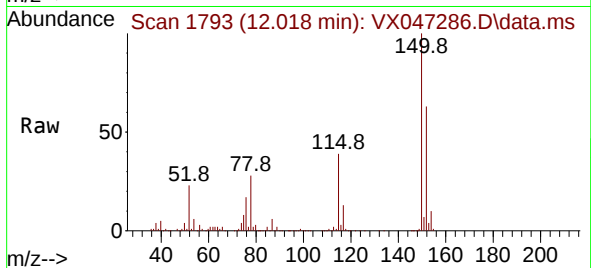




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047286.D
 Acq: 12 Aug 2025 10:50

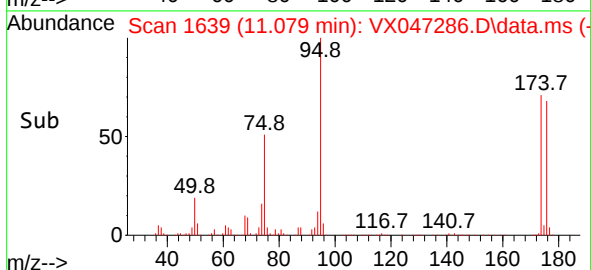
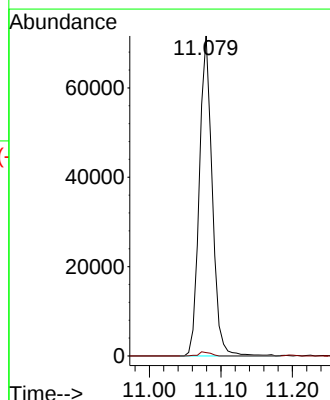
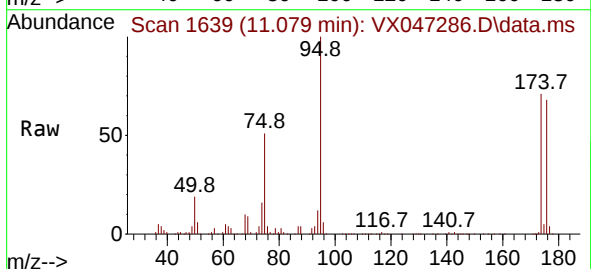
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBL01

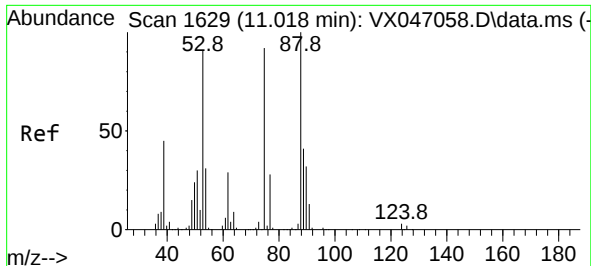
Tgt Ion:152 Resp: 191017
 Ion Ratio Lower Upper
 152 100
 115 61.7 45.6 136.7
 150 159.7 0.0 354.6



#76
 1,2,3-Trichloropropane
 Concen: 25.367 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX047286.D
 Acq: 12 Aug 2025 10:50

Tgt Ion: 75 Resp: 89687
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 65.0#

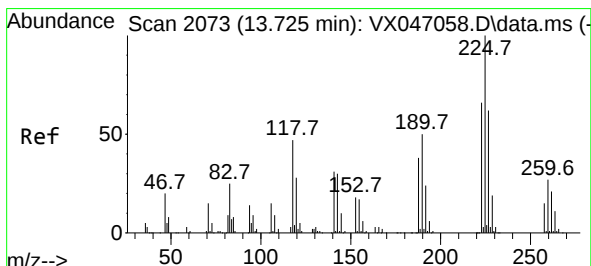
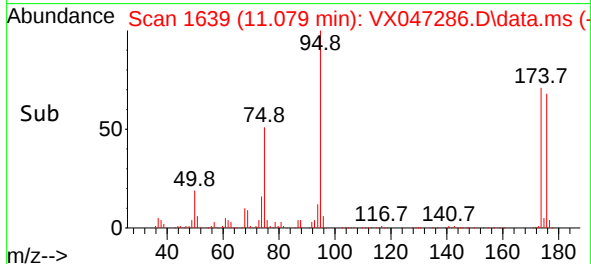
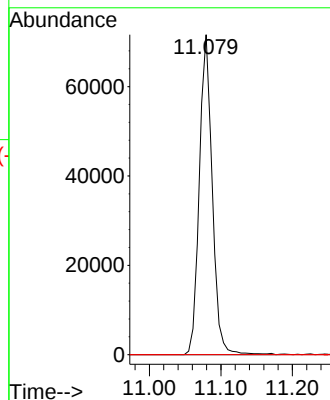
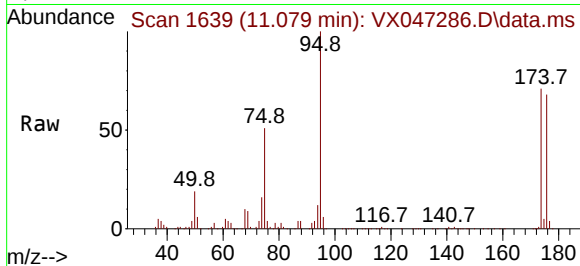




#81
trans-1,4-Dichloro-2-butene
Concen: 65.354 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047286.D
Acq: 12 Aug 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBL01

Tgt Ion: 75 Resp: 89687
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#



#94
Hexachlorobutadiene
Concen: 0.742 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047286.D
Acq: 12 Aug 2025 10:50

Tgt Ion: 225 Resp: 1095
Ion Ratio Lower Upper
225 100
223 63.7 31.6 95.0
227 58.7 32.9 98.6

