

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047858.D
 Acq On : 26 Sep 2025 15:07
 Operator : JC/MD
 Sample : Q3143-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Sep 26 23:16:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

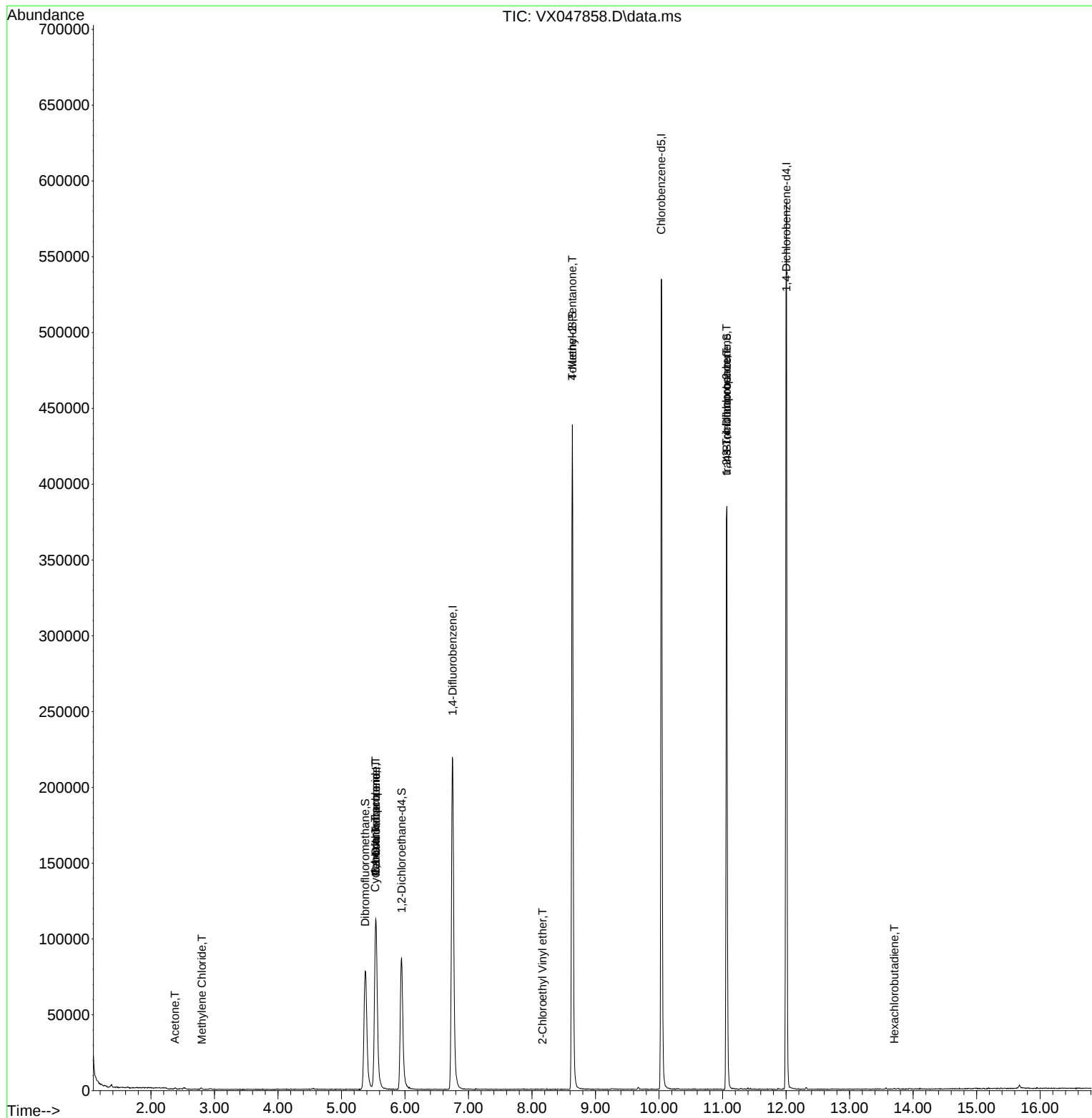
Internal Standards						
1) Pentafluorobenzene	5.544	168	114866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	240217	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	94540	51.707	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.420%	
35) Dibromofluoromethane	5.373	113	78590	48.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.560%	
50) Toluene-d8	8.635	98	274065	49.164	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.320%	
62) 4-Bromofluorobenzene	11.067	95	111462	52.685	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.380%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1010	1.270	ug/l	99
20) Methylene Chloride	2.800	84	447	0.266	ug/l #	72
31) Cyclohexane	5.531	56	2559	1.059	ug/l #	2
36) 1,1-Dichloropropene	5.538	75	9938	4.222	ug/l #	52
38) Carbon Tetrachloride	5.538	117	11898	4.652	ug/l #	19
51) 4-Methyl-2-Pentanone	8.635	43	1215	0.530	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.165	63	349	8.168	ug/l #	47
76) 1,2,3-Trichloropropane	11.061	75	58554	24.031	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	58554	61.283	ug/l #	8
94) Hexachlorobutadiene	13.707	225	192	0.218	ug/l #	59

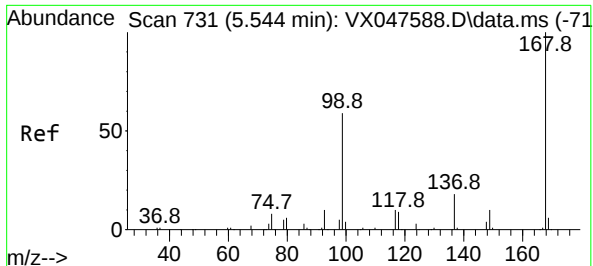
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
Data File : VX047858.D
Acq On : 26 Sep 2025 15:07
Operator : JC/MD
Sample : Q3143-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Quant Time: Sep 26 23:16:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

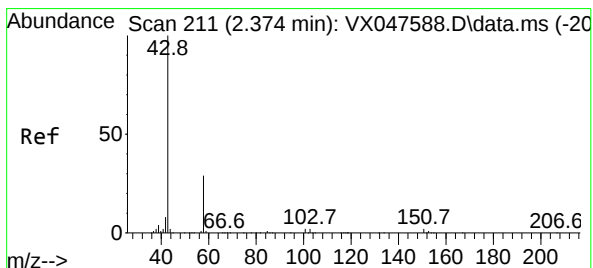
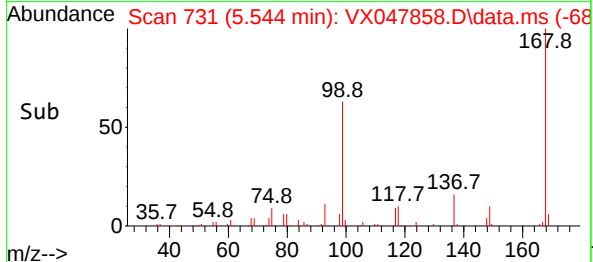
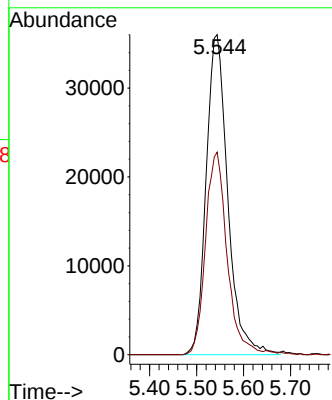
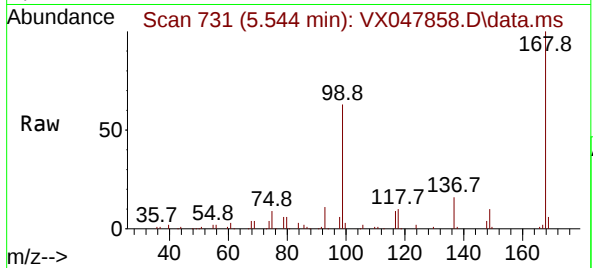




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

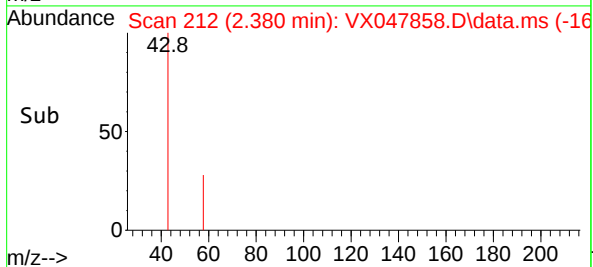
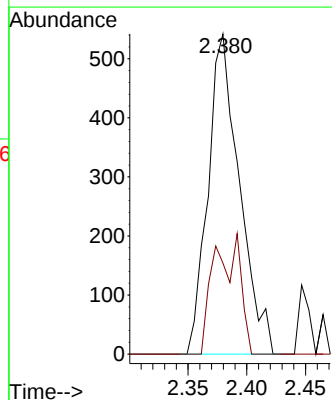
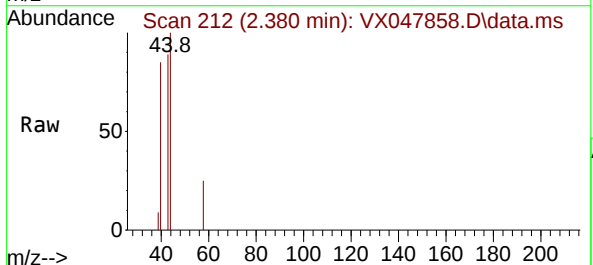
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

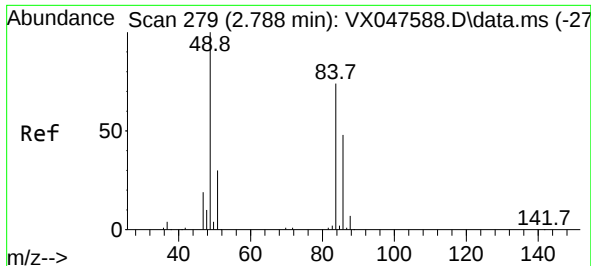
Tgt Ion:168 Resp: 114866
Ion Ratio Lower Upper
168 100
99 63.3 48.8 73.2



#16
Acetone
Concen: 1.270 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
58 28.4 23.4 35.0

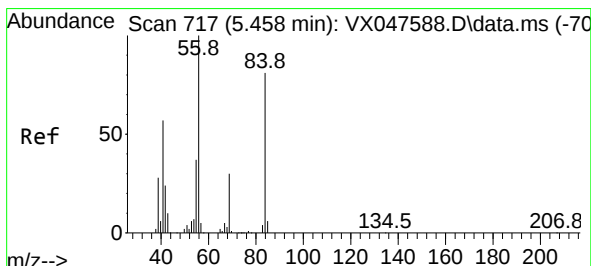
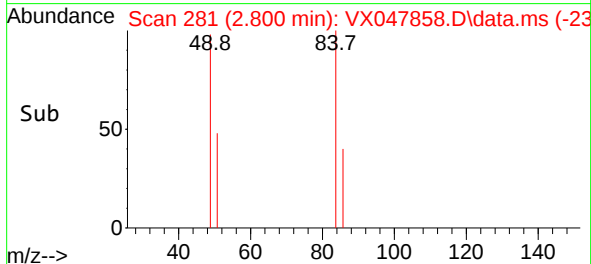
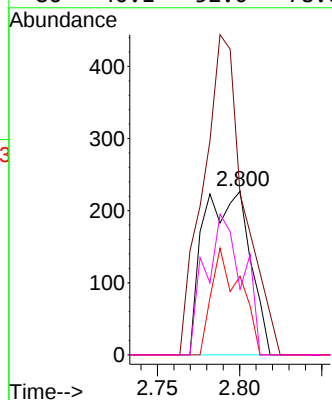
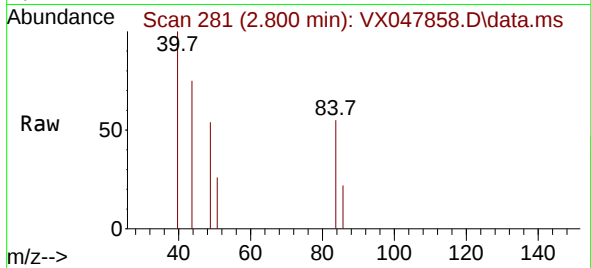




#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

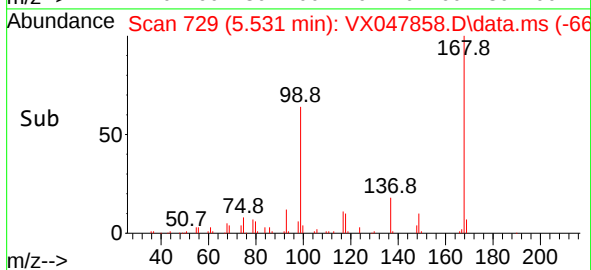
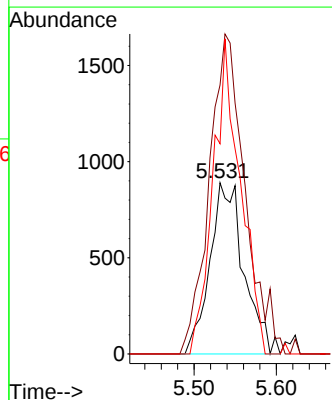
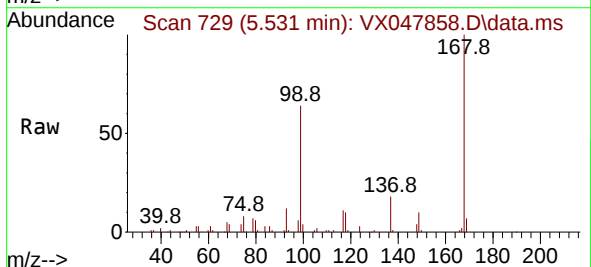
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:	84	Resp:	447
Ion	Ratio	Lower	Upper
84	100		
49	98.2	108.6	162.8#
51	48.0	32.6	48.8
86	40.1	52.0	78.0#



#31
Cyclohexane
Concen: 1.059 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

Tgt Ion:	56	Resp:	2559
Ion	Ratio	Lower	Upper
56	100		
69	157.2	23.8	35.8#
84	122.8	64.6	97.0#





#33

1,2-Dichloroethane-d4

Concen: 51.707 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047858.D

Acq: 26 Sep 2025 15:07

Instrument :

MSVOA_X

ClientSampleId :

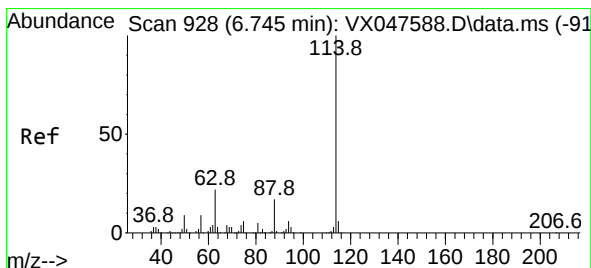
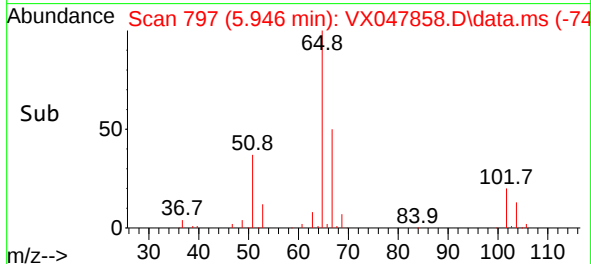
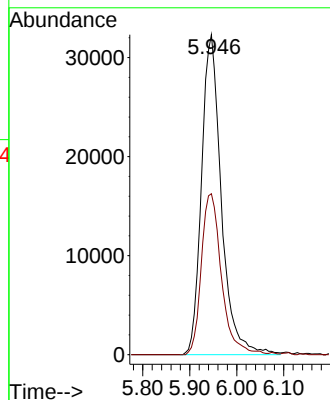
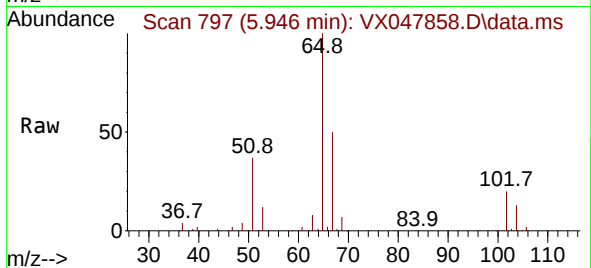
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 94540

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047858.D

Acq: 26 Sep 2025 15:07

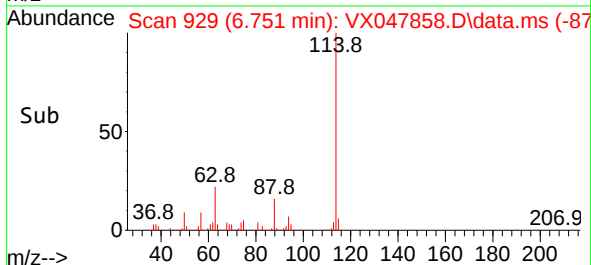
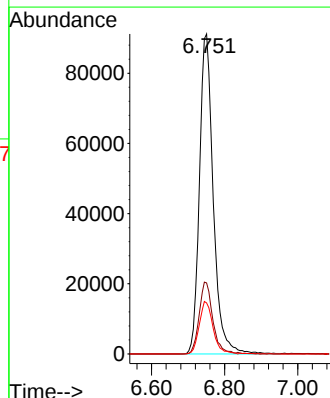
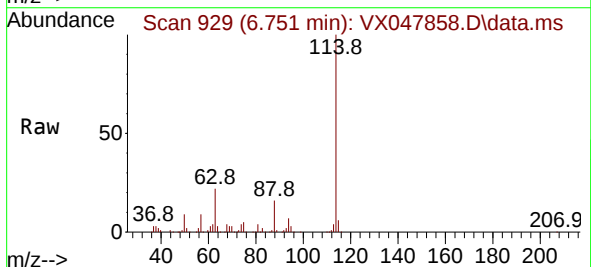
Tgt Ion: 114 Resp: 240217

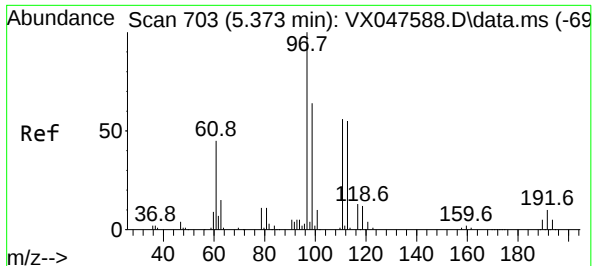
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 15.9 0.0 34.2

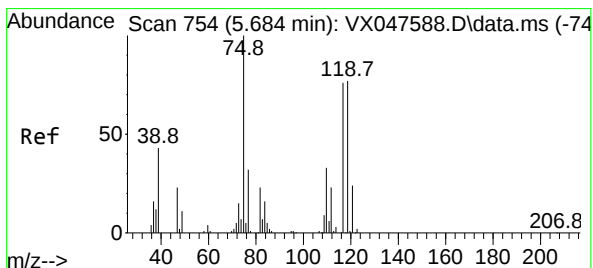
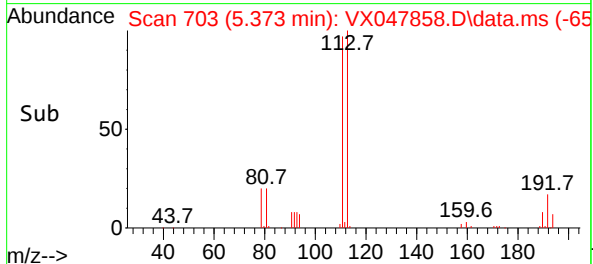
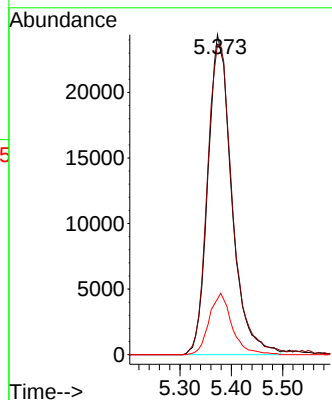
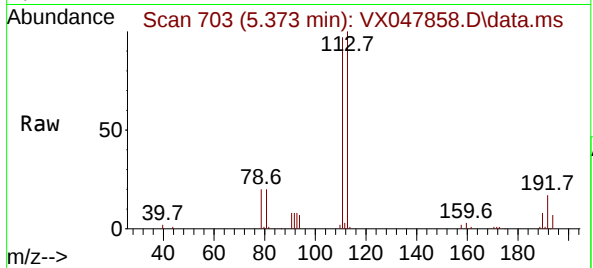




#35
Dibromofluoromethane
Concen: 48.783 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

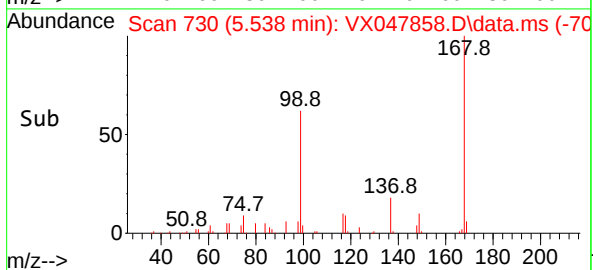
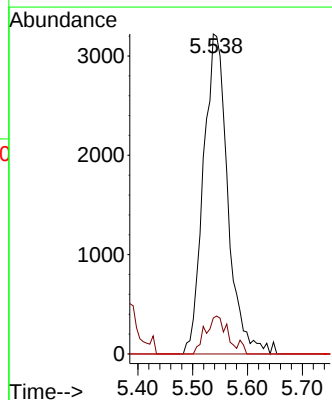
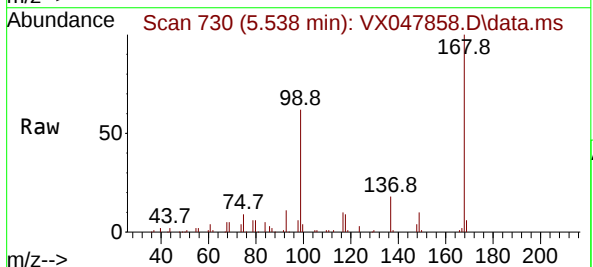
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

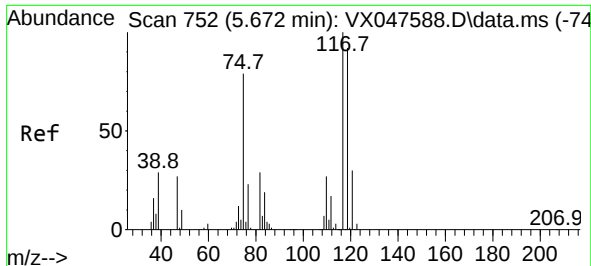
Tgt Ion:113 Resp: 78590
Ion Ratio Lower Upper
113 100
111 102.0 80.9 121.3
192 18.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.222 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

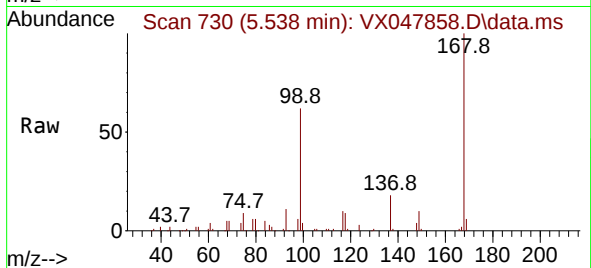
Tgt Ion: 75 Resp: 9938
Ion Ratio Lower Upper
75 100
110 10.3 16.7 50.1#
77 0.0 24.3 36.5#



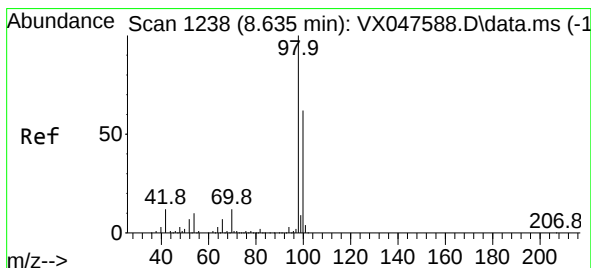
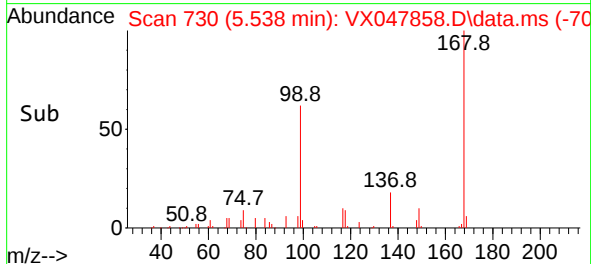
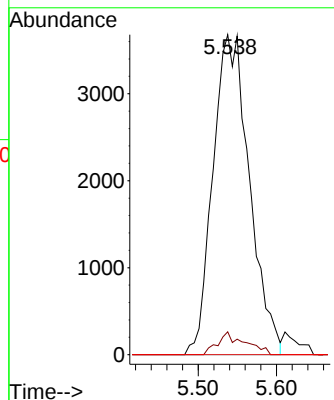


#38
Carbon Tetrachloride
Concen: 4.652 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

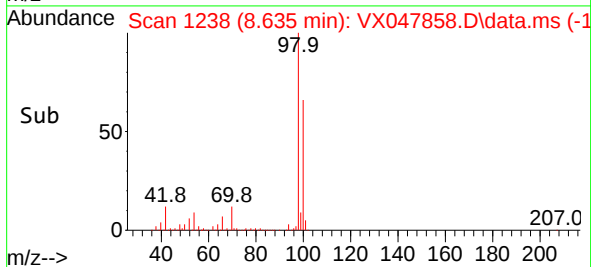
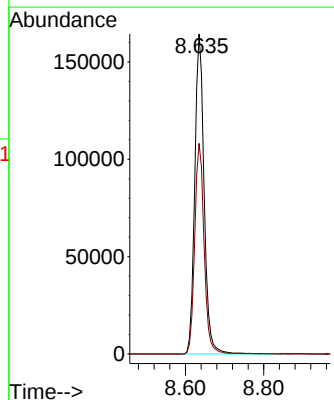
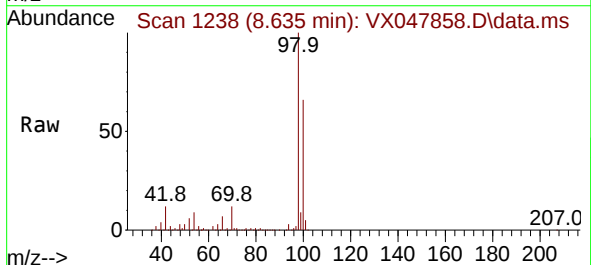


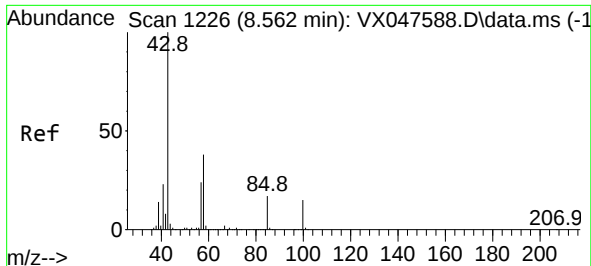
Tgt Ion:117 Resp: 11898
Ion Ratio Lower Upper
117 100
119 7.2 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.164 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

Tgt Ion: 98 Resp: 274065
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4

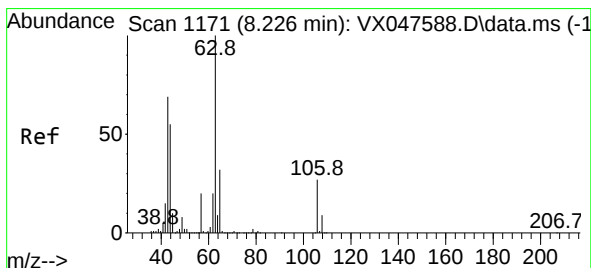
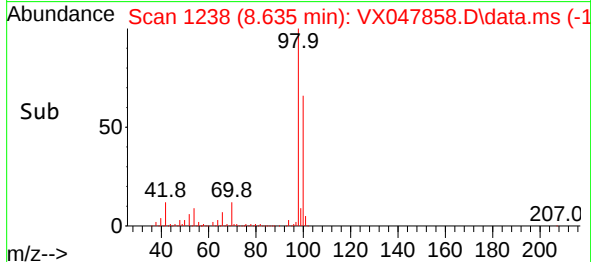
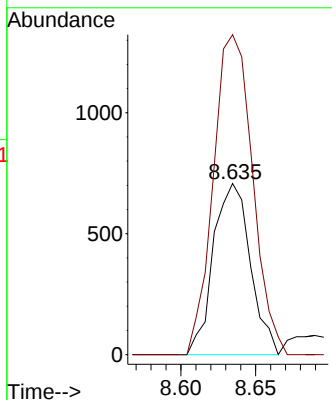
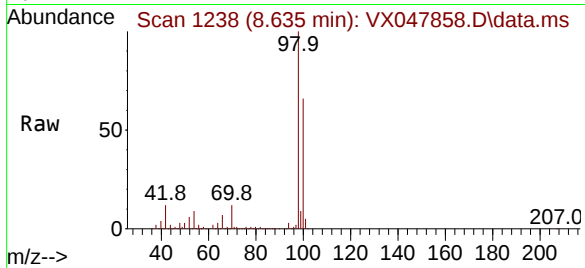




#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.635 min Scan# 1161
Delta R.T. 0.073 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

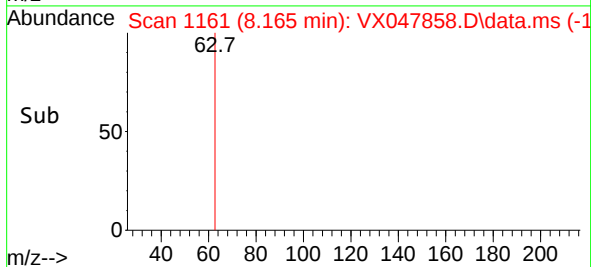
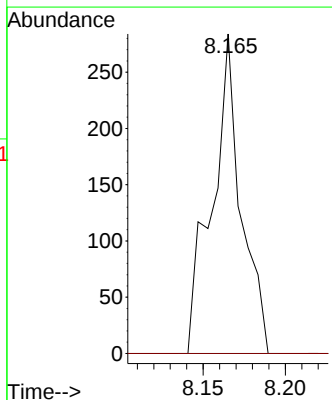
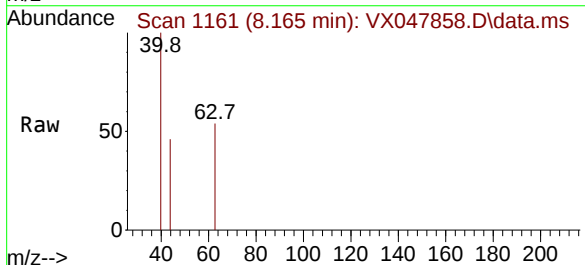
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

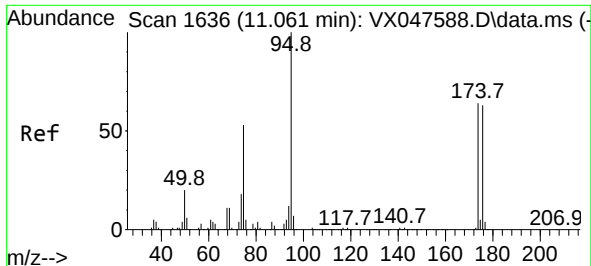
Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 198.7 30.3 45.5#



#58
2-Chloroethyl Vinyl ether
Concen: 8.168 ug/l
RT: 8.165 min Scan# 1161
Delta R.T. -0.061 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

Tgt Ion: 63 Resp: 349
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#

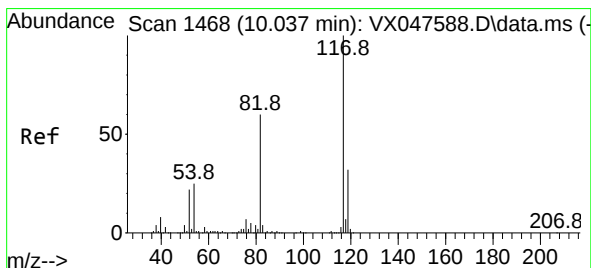
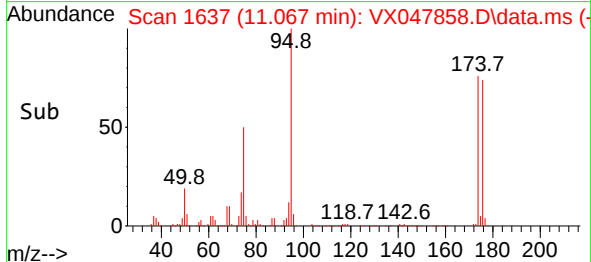
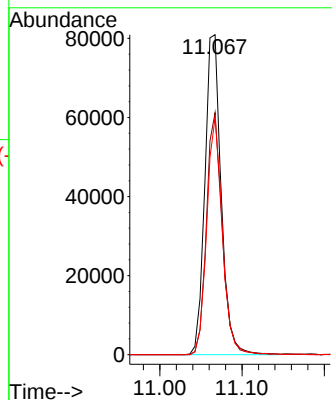
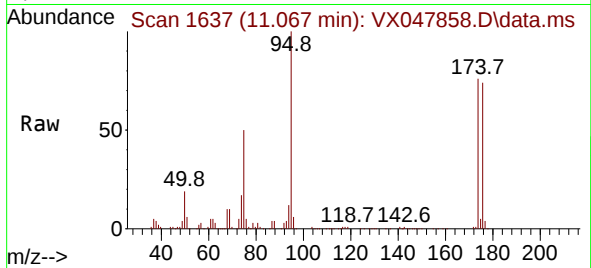




#62
4-Bromofluorobenzene
Concen: 52.685 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

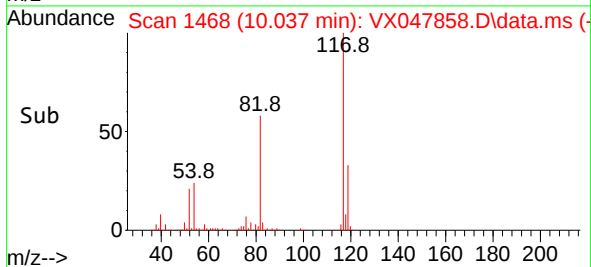
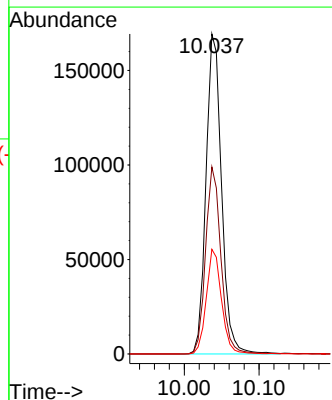
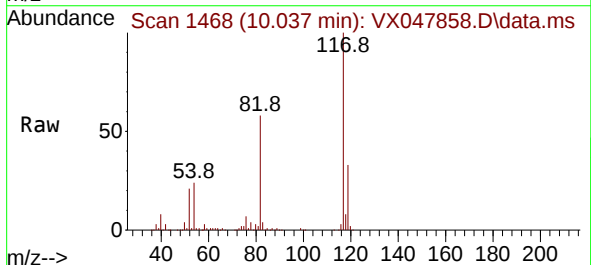
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

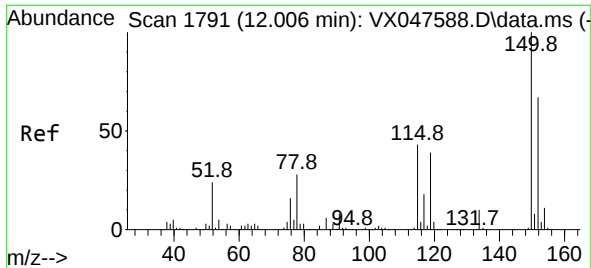
Tgt Ion: 95 Resp: 111462
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.6
176 71.2 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

Tgt Ion: 117 Resp: 244825
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 32.7 25.2 37.8

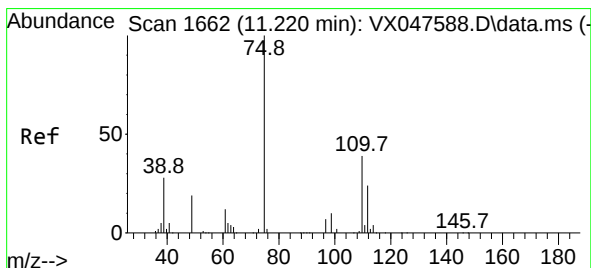
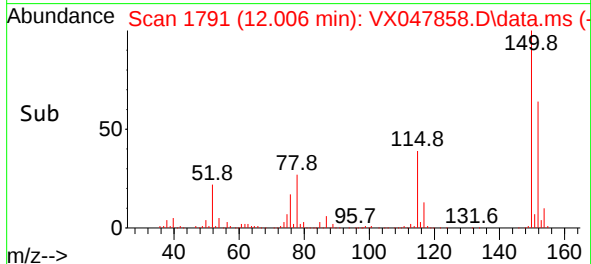
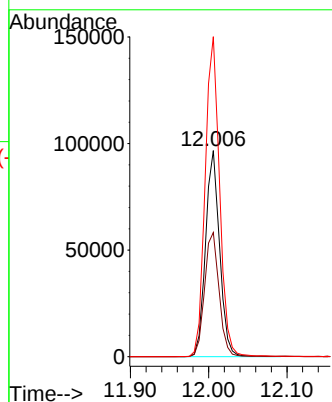
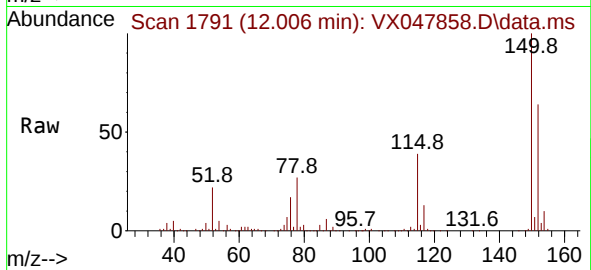




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

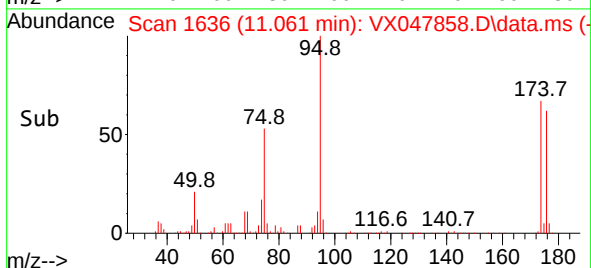
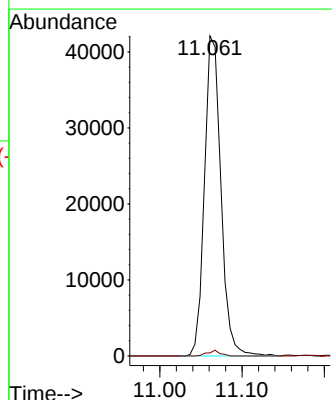
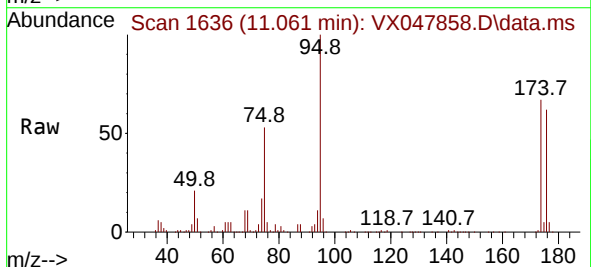
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

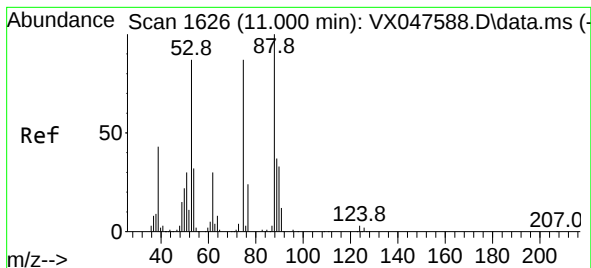
Tgt Ion:152 Resp: 120344
Ion Ratio Lower Upper
152 100
115 62.3 44.9 134.5
150 159.2 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 24.031 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

Tgt Ion: 75 Resp: 58554
Ion Ratio Lower Upper
75 100
77 1.3 18.8 56.4#

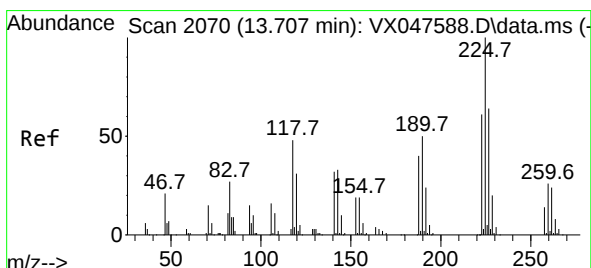
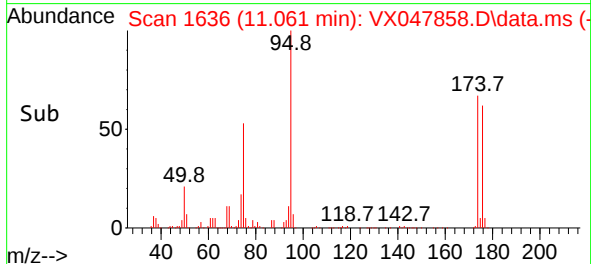
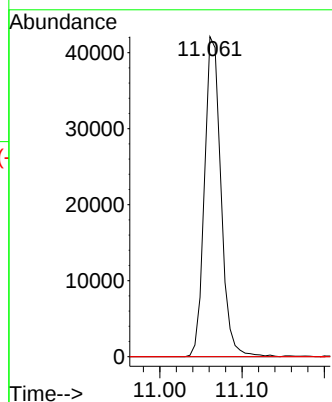
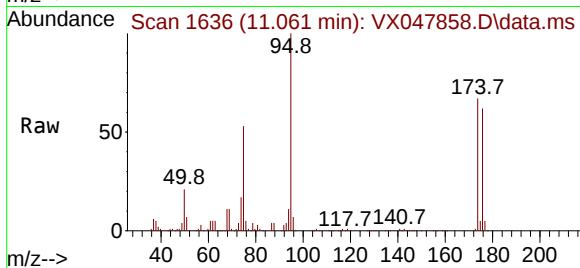




#81
trans-1,4-Dichloro-2-butene
Concen: 61.283 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 58554
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#94
Hexachlorobutadiene
Concen: 0.218 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047858.D
Acq: 26 Sep 2025 15:07

Tgt Ion: 225 Resp: 192
Ion Ratio Lower Upper
225 100
223 30.7 31.7 95.1#
227 32.3 32.0 96.0

