

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
 Data File : VX048736.D
 Acq On : 05 Dec 2025 15:14
 Operator : JC/MD
 Sample : Q3789-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 05 22:05:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

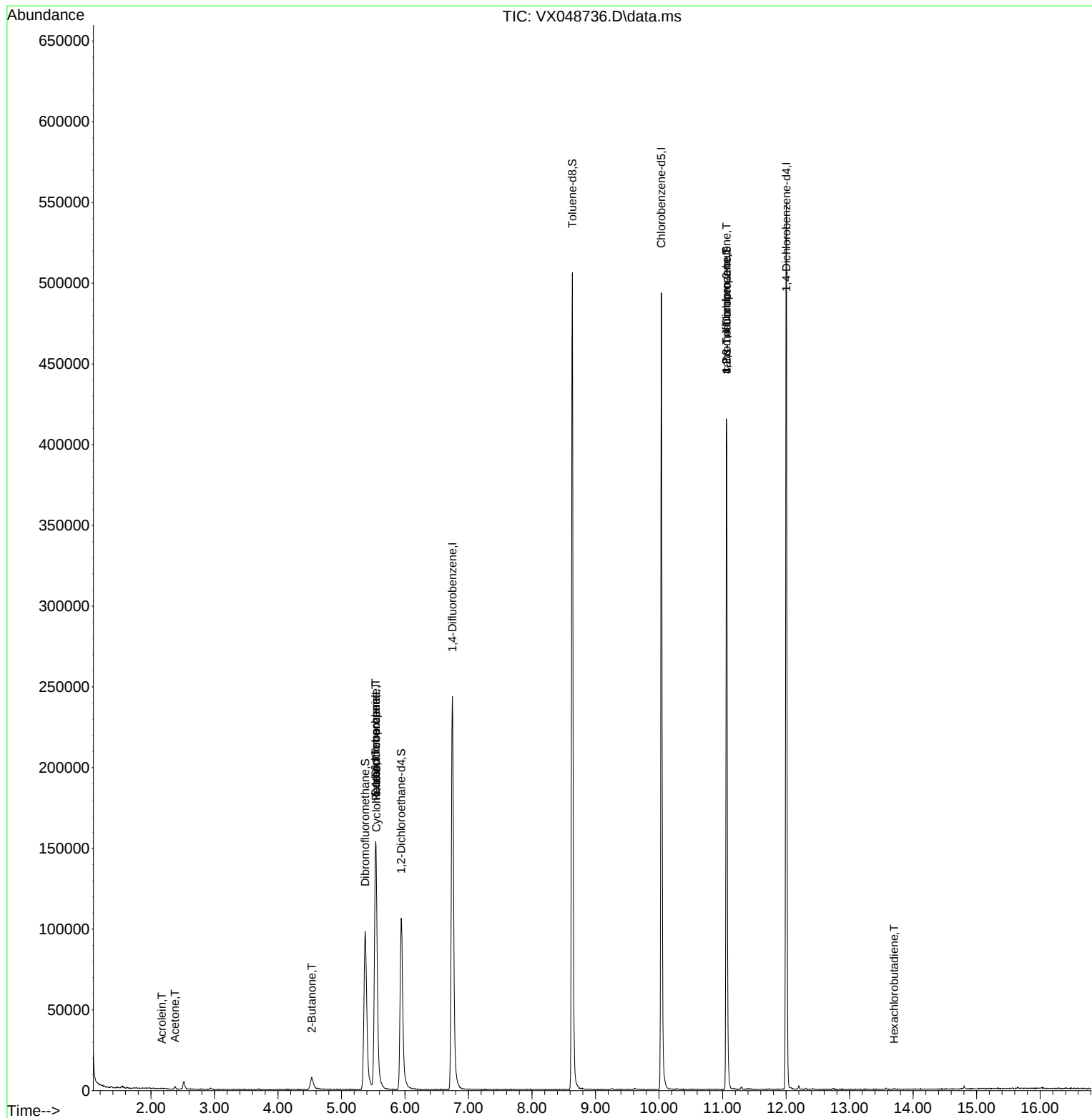
Internal Standards						
1) Pentafluorobenzene	5.544	168	169116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	287680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	224441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	116116	51.156	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.320%			
35) Dibromofluoromethane	5.373	113	99250	50.106	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.220%			
50) Toluene-d8	8.635	98	318208	45.830	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.660%#			
62) 4-Bromofluorobenzene	11.061	95	121692	50.827	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.660%			
Target Compounds						
					Qvalue	
13) Acrolein	2.172	56	41	40.275	ug/l #	51
16) Acetone	2.380	43	2132	2.454	ug/l	90
25) 2-Butanone	4.532	43	304	0.237	ug/l #	46
31) Cyclohexane	5.550	56	2793	0.910	ug/l #	36
36) 1,1-Dichloropropene	5.538	75	11842	4.365	ug/l #	44
38) Carbon Tetrachloride	5.538	117	16320	5.311	ug/l #	13
76) 1,2,3-Trichloropropane	11.061	75	59020	25.660	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	59020	60.952	ug/l #	3
94) Hexachlorobutadiene	13.701	225	276	0.254	ug/l #	49
95) Naphthalene	13.762	128	206	Below Cal	#	69

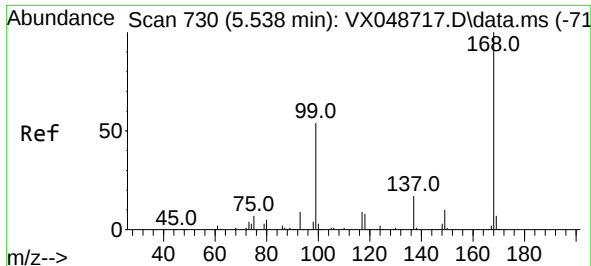
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
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STORAGE-BLANK-SOIL-REF-6

Quant Time: Dec 05 22:05:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

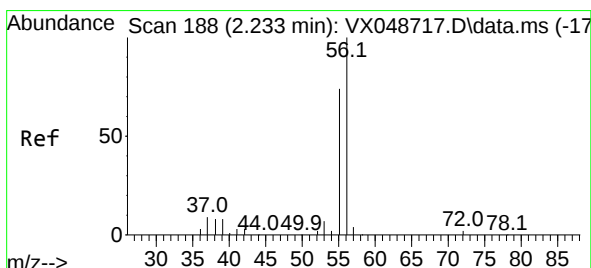
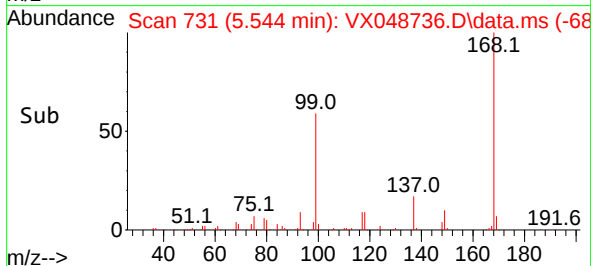
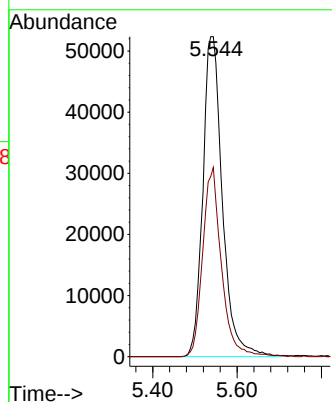
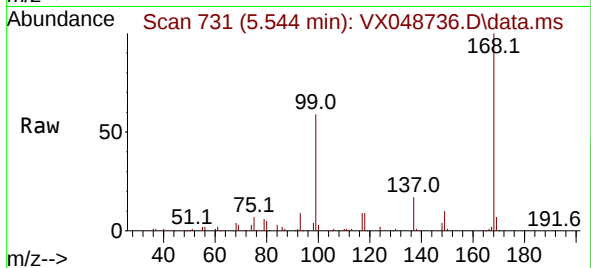




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

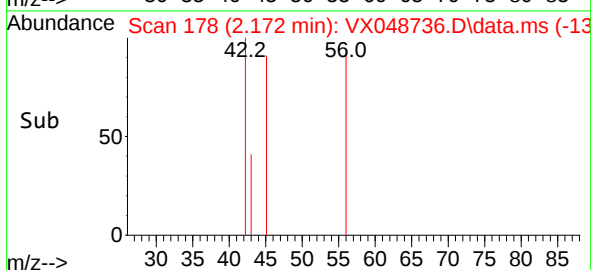
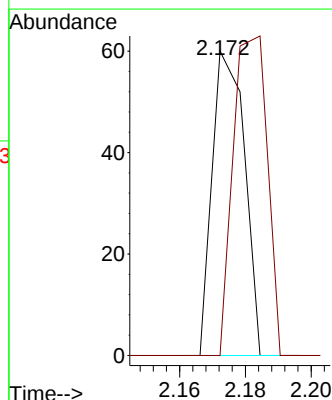
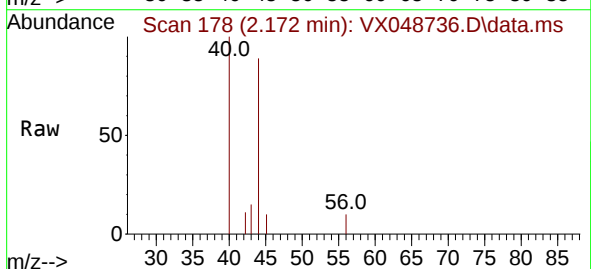
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

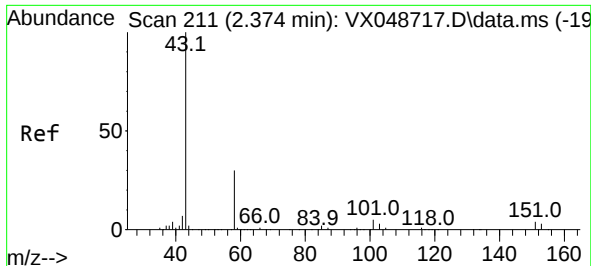
Tgt Ion:168 Resp: 169116
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#13
Acrolein
Concen: 40.275 ug/l
RT: 2.172 min Scan# 178
Delta R.T. -0.061 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 109.8 55.8 83.6#

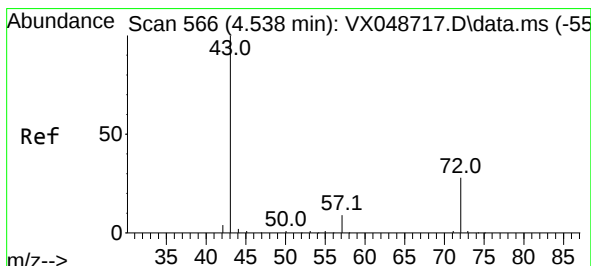
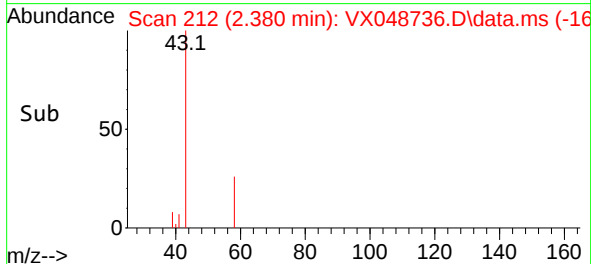
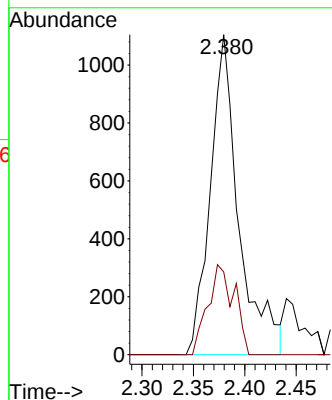
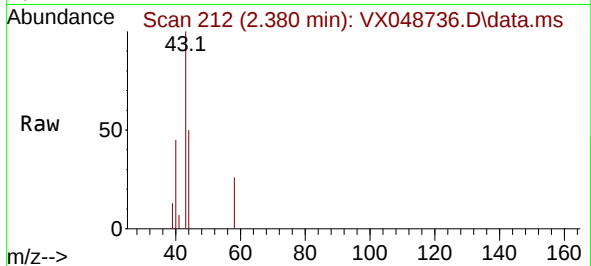




#16
Acetone
Concen: 2.454 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

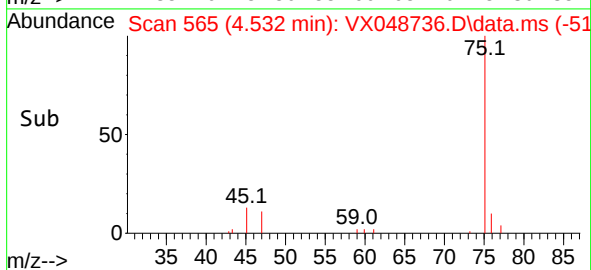
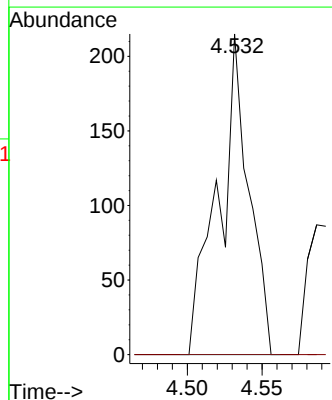
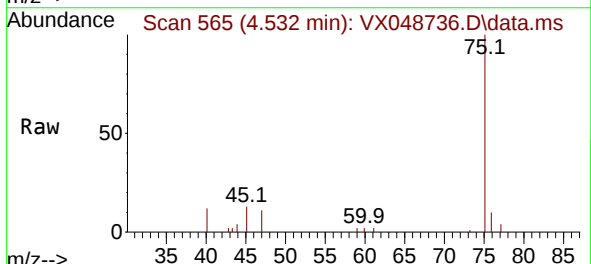
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

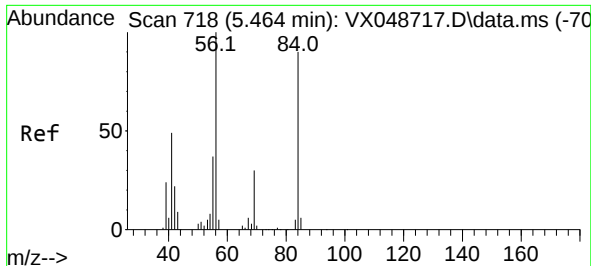
Tgt Ion: 43 Resp: 2132
Ion Ratio Lower Upper
43 100
58 25.9 25.0 37.4



#25
2-Butanone
Concen: 0.237 ug/l
RT: 4.532 min Scan# 565
Delta R.T. -0.006 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

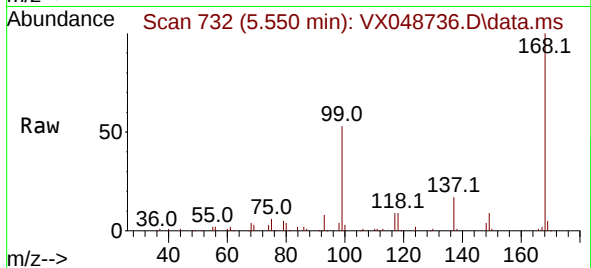
Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



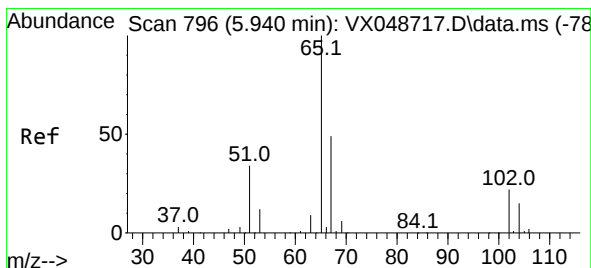
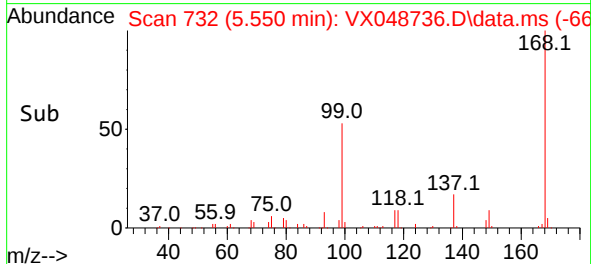
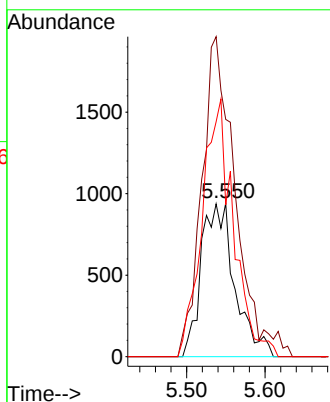


#31
Cyclohexane
Concen: 0.910 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

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

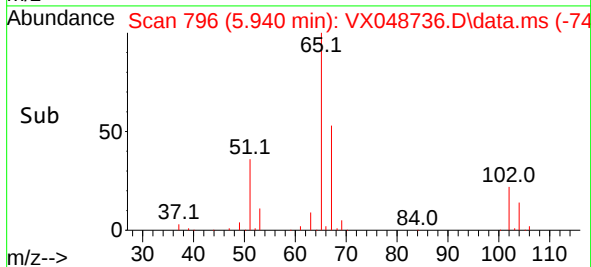
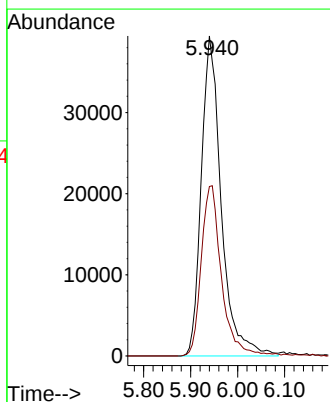
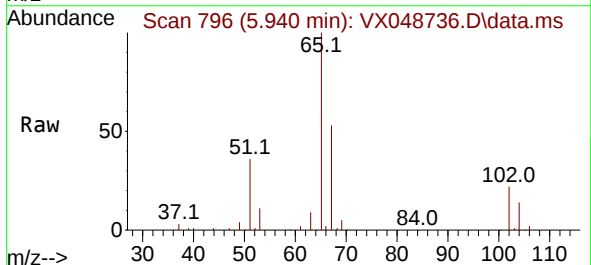


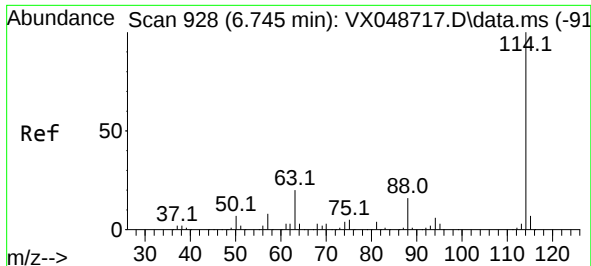
Tgt Ion: 56 Resp: 2793
Ion Ratio Lower Upper
56 100
69 154.6 24.2 36.2#
84 98.8 72.1 108.1



#33
1,2-Dichloroethane-d4
Concen: 51.156 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

Tgt Ion: 65 Resp: 116116
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.4

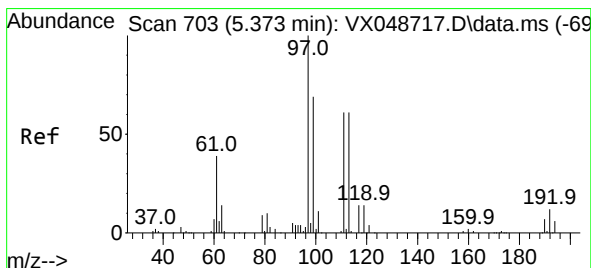
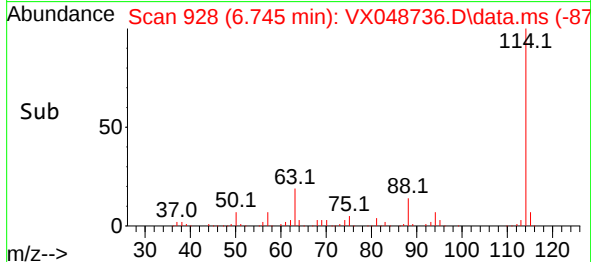
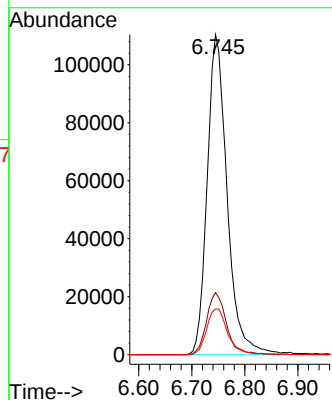
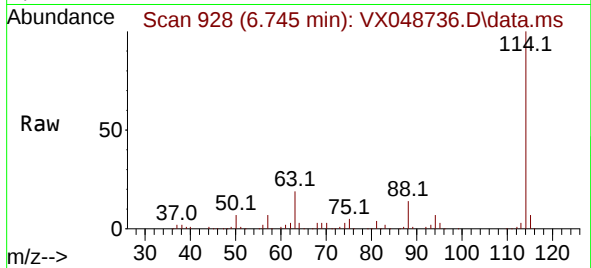




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

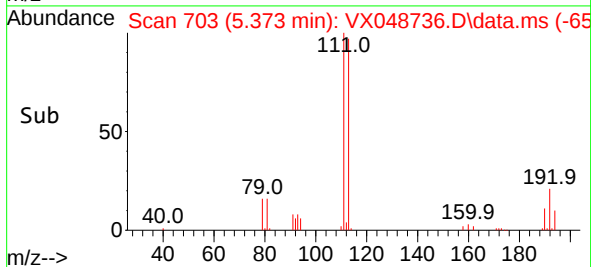
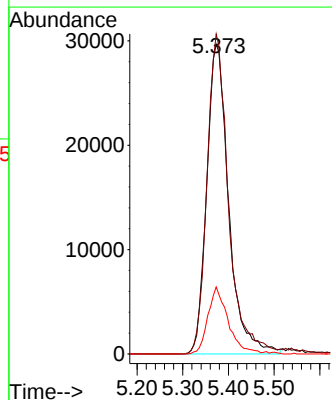
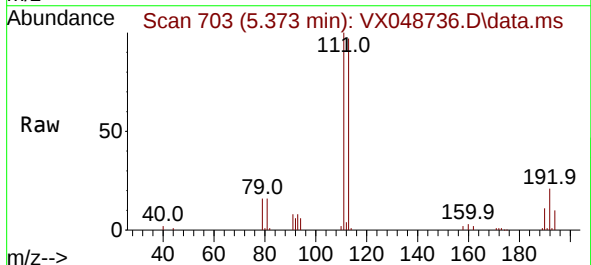
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

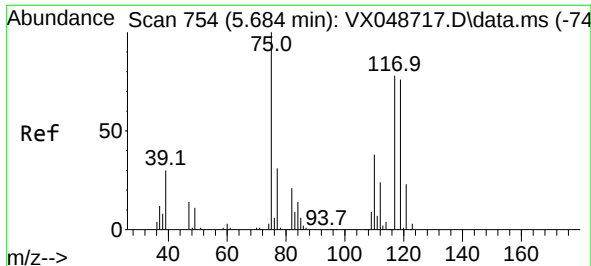
Tgt Ion:114 Resp: 287680
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.0
88 14.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.106 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

Tgt Ion:113 Resp: 99250
Ion Ratio Lower Upper
113 100
111 100.9 79.5 119.3
192 20.0 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.365 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX048736.D

Acq: 05 Dec 2025 15:14

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

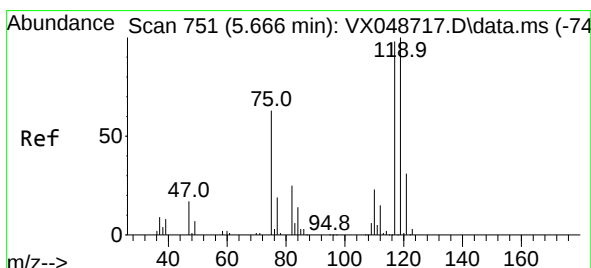
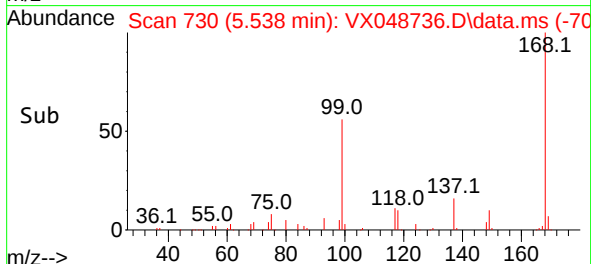
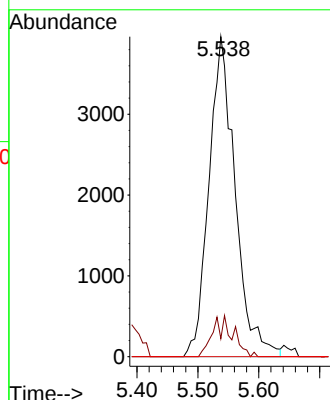
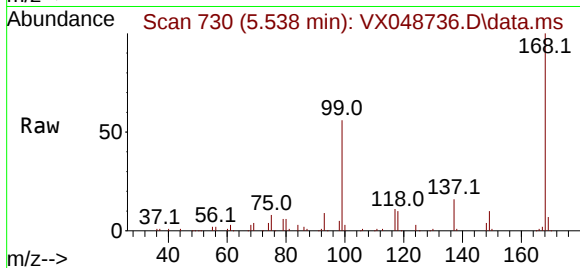
Tgt Ion: 75 Resp: 11842

Ion Ratio Lower Upper

75 100

110 4.5 18.6 55.8#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.311 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.128 min

Lab File: VX048736.D

Acq: 05 Dec 2025 15:14

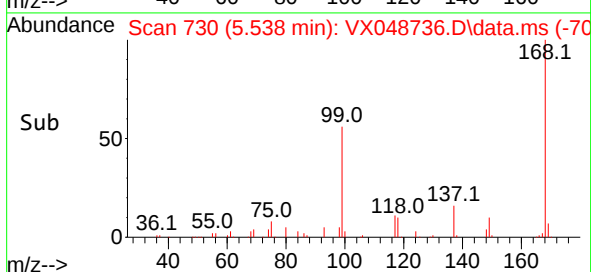
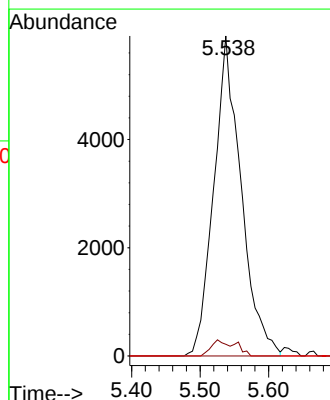
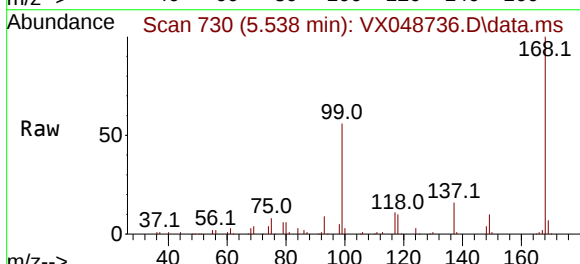
Tgt Ion: 117 Resp: 16320

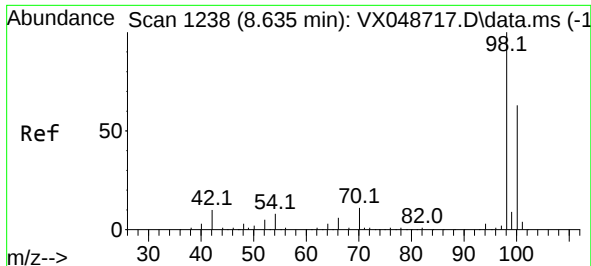
Ion Ratio Lower Upper

117 100

119 3.7 80.5 120.7#

121 0.0 25.4 38.0#

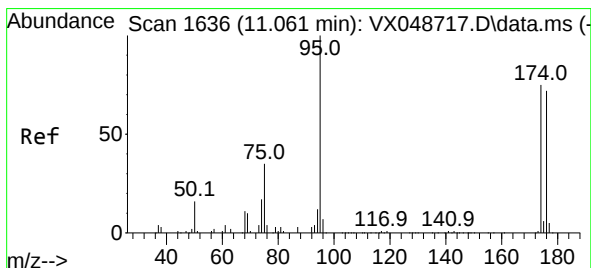
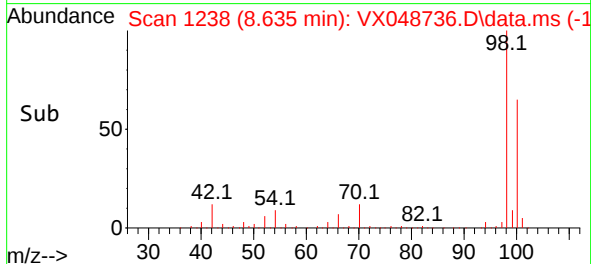
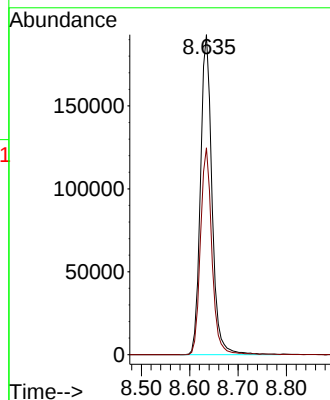
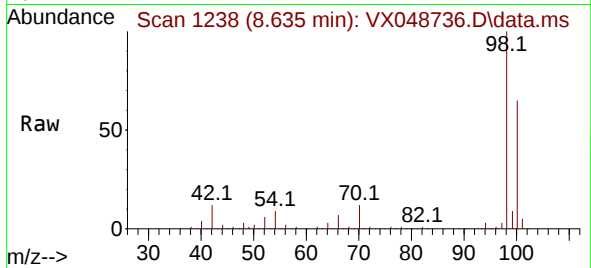




#50
Toluene-d8
Concen: 45.830 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

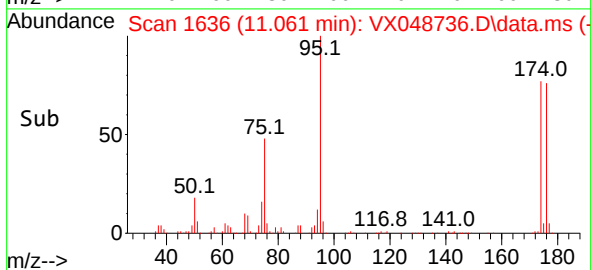
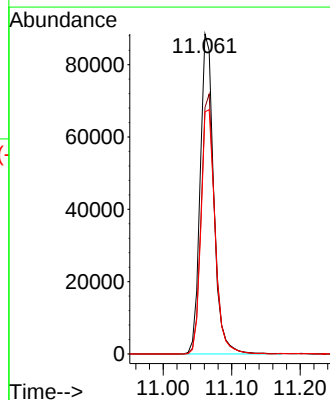
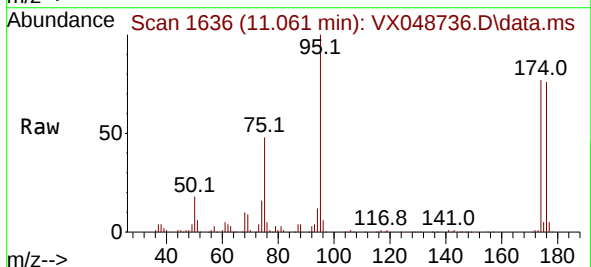
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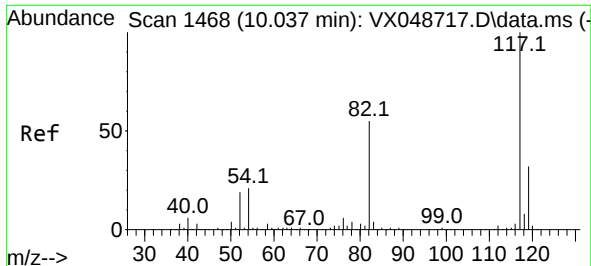
Tgt Ion: 98 Resp: 318208
Ion Ratio Lower Upper
98 100
100 64.3 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 50.827 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

Tgt Ion: 95 Resp: 121692
Ion Ratio Lower Upper
95 100
174 82.3 0.0 157.8
176 79.0 0.0 154.0

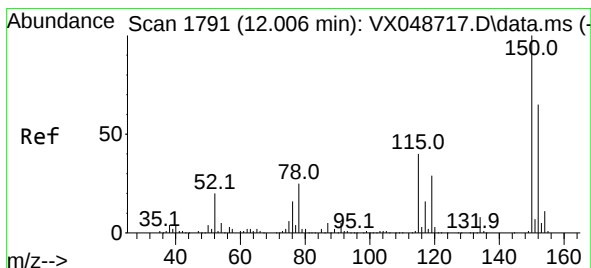
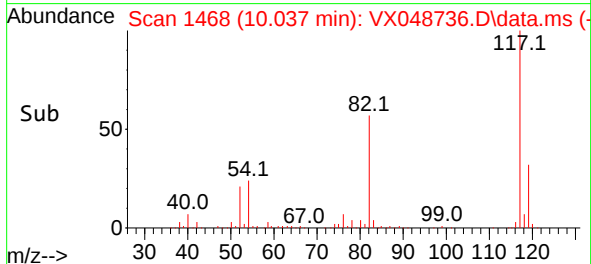
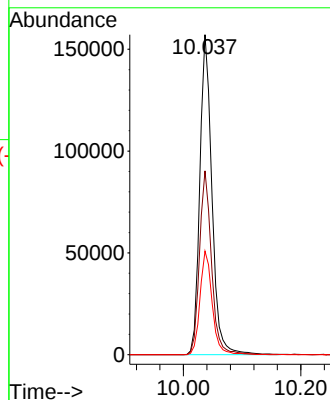
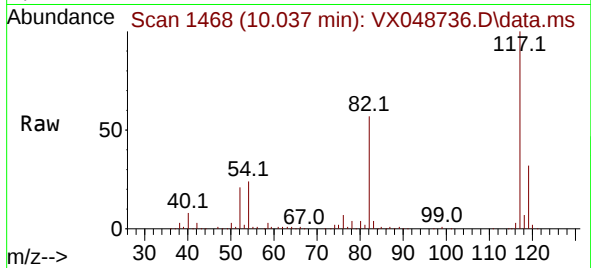




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

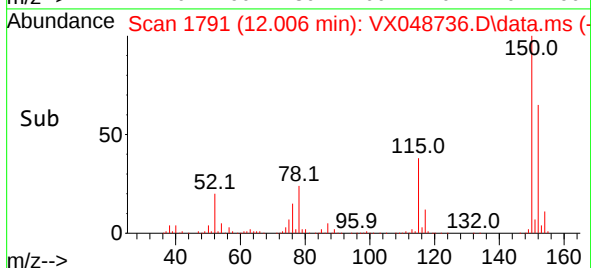
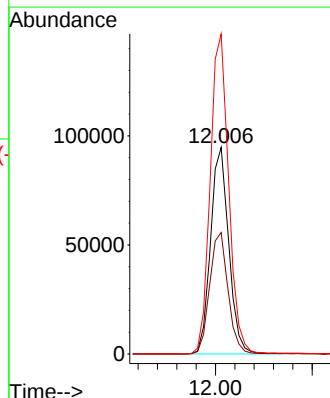
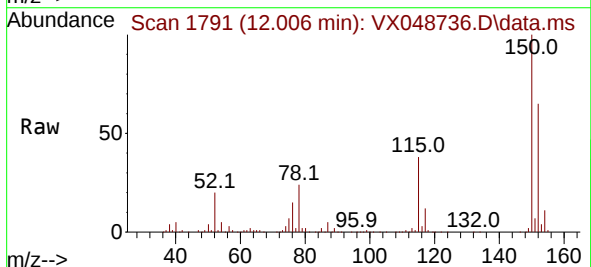
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

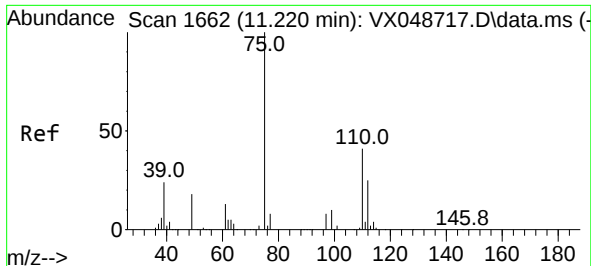
Tgt Ion:117 Resp: 224441
Ion Ratio Lower Upper
117 100
82 57.5 44.1 66.1
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

Tgt Ion:152 Resp: 123494
Ion Ratio Lower Upper
152 100
115 59.7 42.1 126.4
150 157.4 0.0 347.8

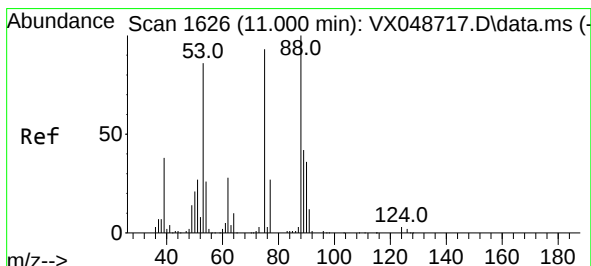
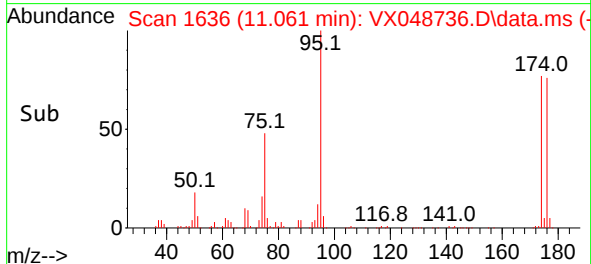
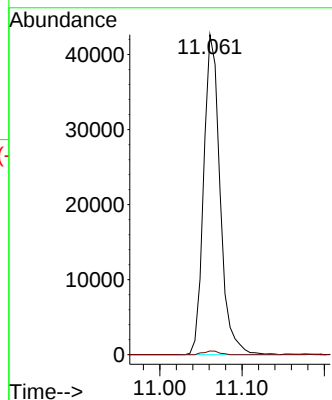
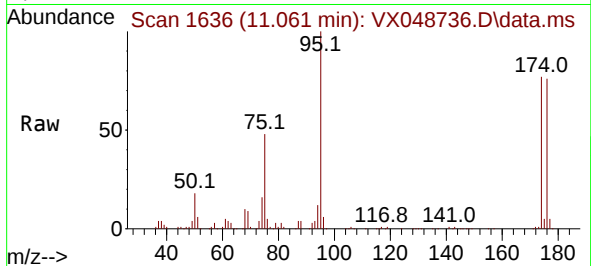




#76
1,2,3-Trichloropropane
Concen: 25.660 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

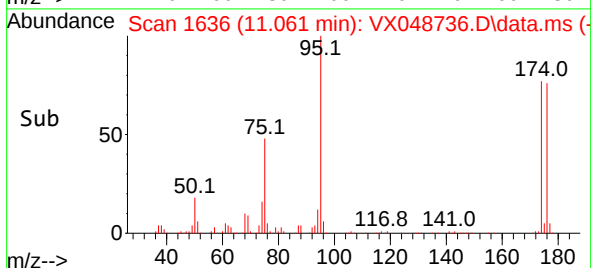
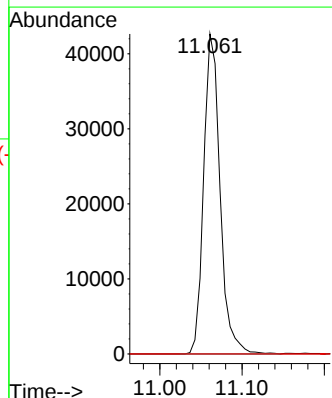
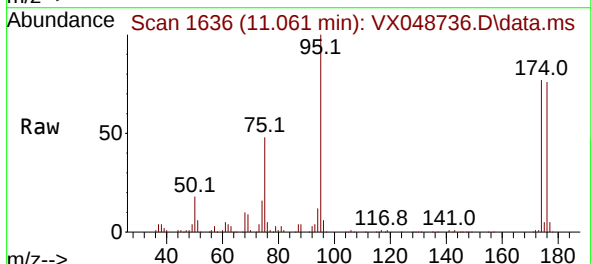
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

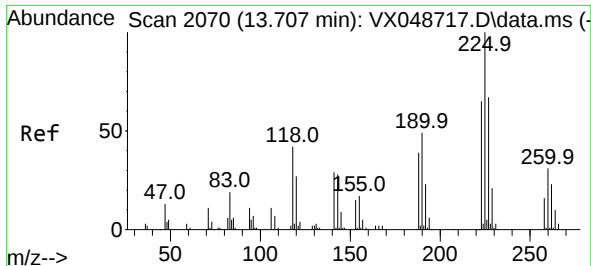
Tgt Ion: 75 Resp: 59020
Ion Ratio Lower Upper
75 100
77 1.1 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.952 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

Tgt Ion: 75 Resp: 59020
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#

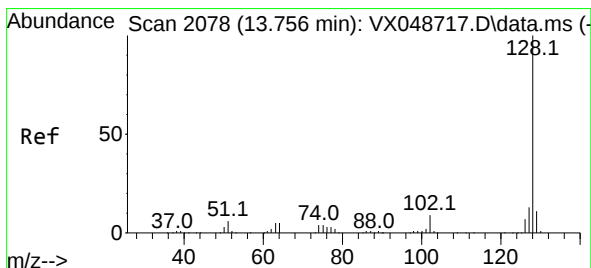
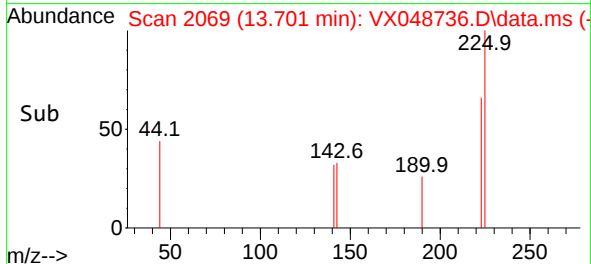
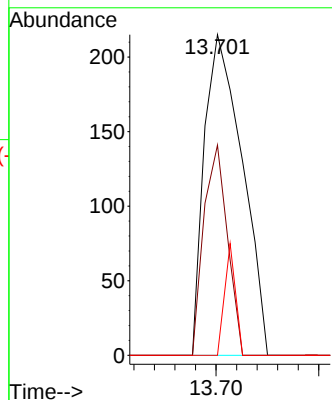
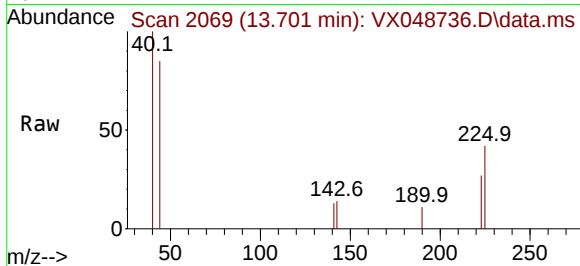




#94
Hexachlorobutadiene
Concen: 0.254 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

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

Tgt Ion:	225	Resp:	276
Ion	Ratio	Lower	Upper
225	100		
223	40.6	33.0	98.9
227	9.8	32.9	98.7#



#95
Naphthalene
Concen: Below Cal
RT: 13.762 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX048736.D
Acq: 05 Dec 2025 15:14

Tgt Ion:	128	Resp:	206
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#

