

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047136.D
 Acq On : 25 Jul 2025 12:42
 Operator : JC/MD
 Sample : Q2693-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 26 00:28:05 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)

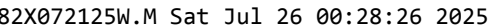
Internal Standards						
1) Pentafluorobenzene	5.562	168	451712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	836274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	803283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	419203	50.000	ug/l	0.00

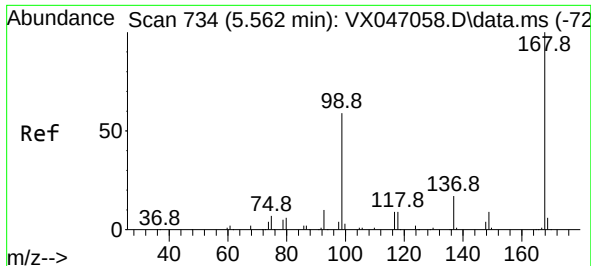
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	306906	54.543	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.080%
35) Dibromofluoromethane	5.397	113	252408	48.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.760%
50) Toluene-d8	8.653	98	922078	55.143	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.280%
62) 4-Bromofluorobenzene	11.079	95	390674	54.214	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.420%

Target Compounds					Qvalue	
10) Methyl Iodide	2.483	142	2339	0.400	ug/l #	81
11) Tert butyl alcohol	2.965	59	564	Below Cal	#	72
14) Allyl chloride	2.685	41	16078	1.567	ug/l #	35
16) Acetone	2.398	43	4972	2.206	ug/l #	43
17) Carbon Disulfide	2.532	76	3292	0.200	ug/l #	95
31) Cyclohexane	5.562	56	10385	0.987	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	37243	4.231	ug/l #	49
38) Carbon Tetrachloride	5.562	117	48568	5.170	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	204974	26.417	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	204974	68.060	ug/l #	8

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

Quant Time: Jul 26 00:28:05 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

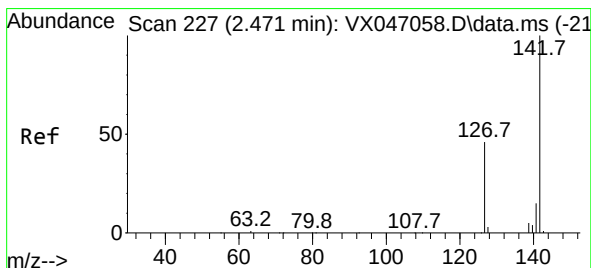
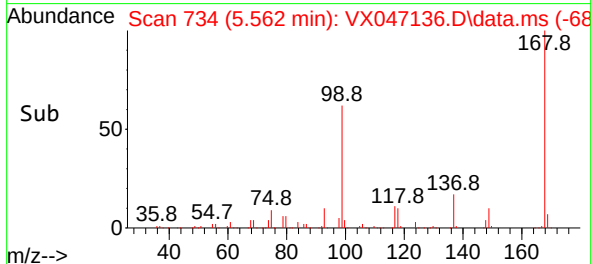
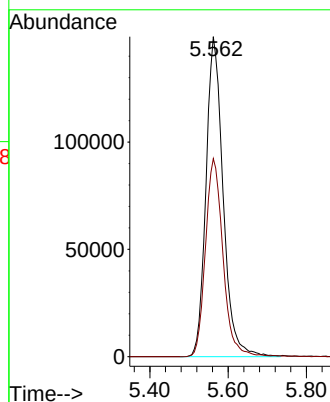
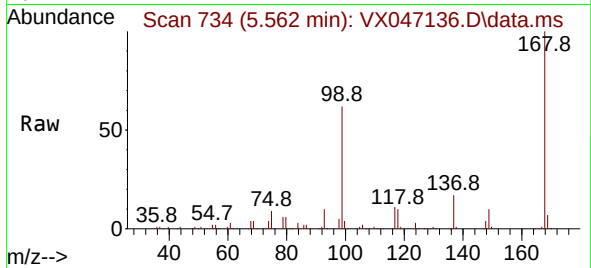




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

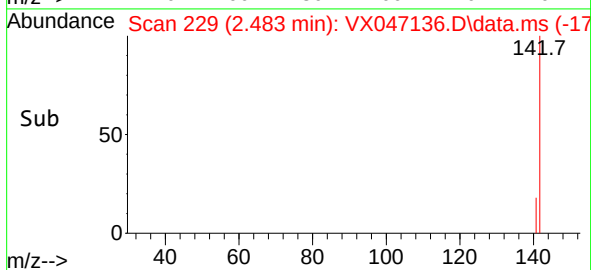
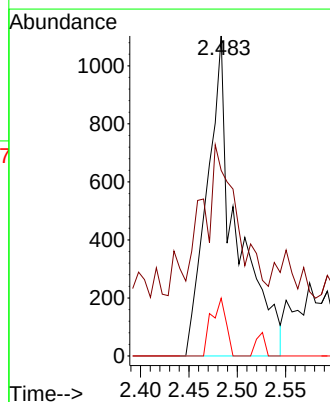
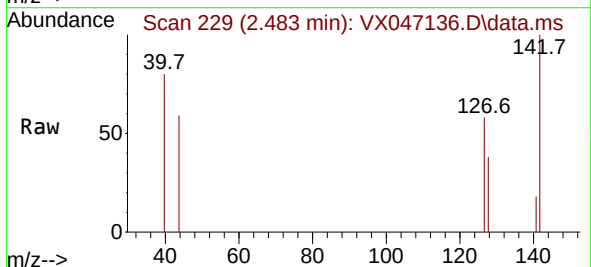
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

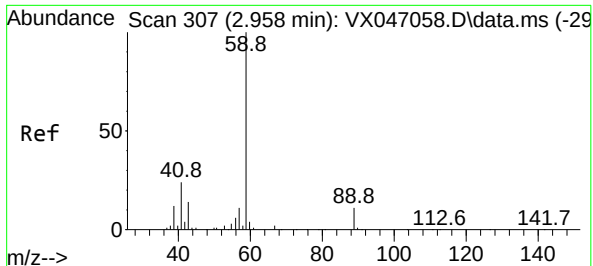
Tgt Ion:168 Resp: 451712
Ion Ratio Lower Upper
168 100
99 61.9 48.0 72.0



#10
Methyl Iodide
Concen: 0.400 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.013 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

Tgt Ion:142 Resp: 2339
Ion Ratio Lower Upper
142 100
127 60.0 36.6 54.8#
141 9.1 10.9 16.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.965 min Scan# 307

Delta R.T. 0.007 min

Lab File: VX047136.D

Acq: 25 Jul 2025 12:42

Instrument :

MSVOA_X

ClientSampleId :

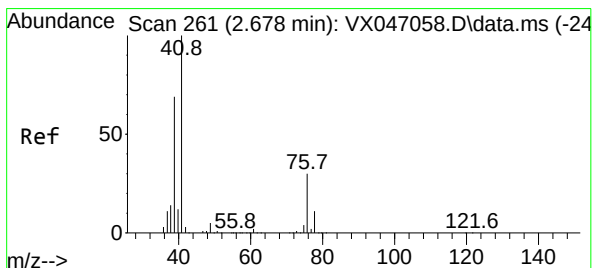
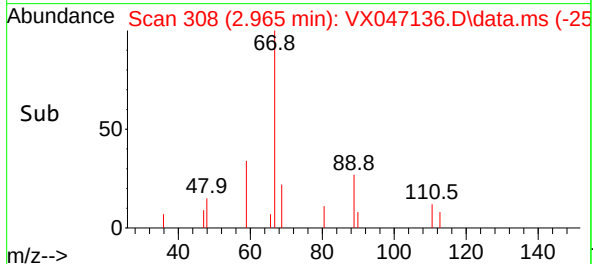
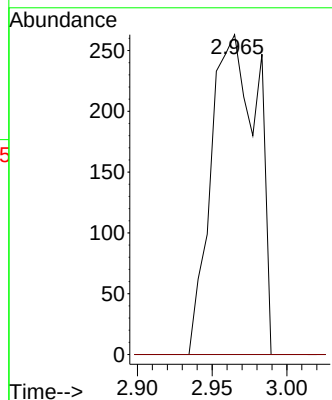
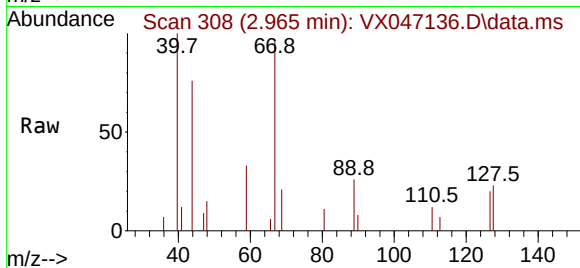
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 59 Resp: 564

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#14

Allyl chloride

Concen: 1.567 ug/l

RT: 2.685 min Scan# 262

Delta R.T. 0.007 min

Lab File: VX047136.D

Acq: 25 Jul 2025 12:42

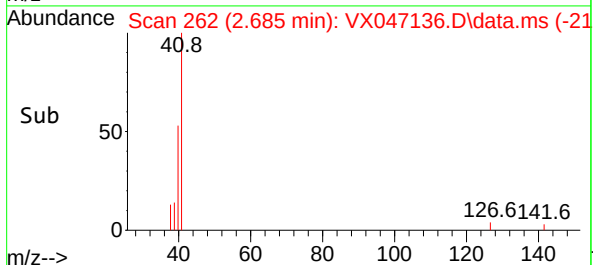
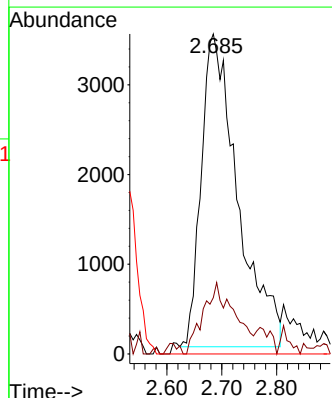
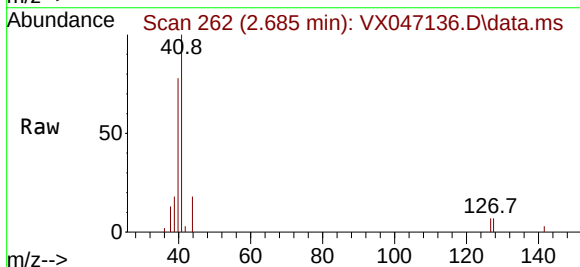
Tgt Ion: 41 Resp: 16078

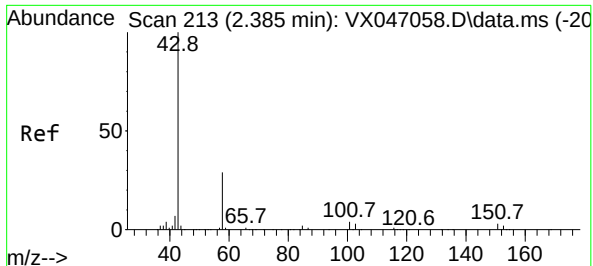
Ion Ratio Lower Upper

41 100

39 11.8 52.6 78.8#

76 0.0 25.7 38.5#

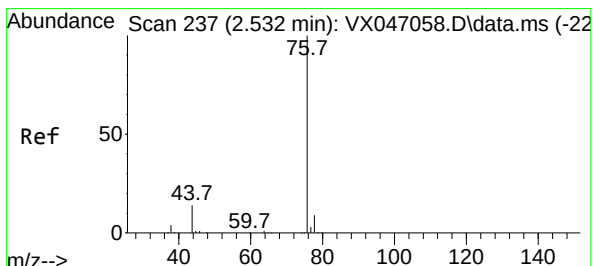
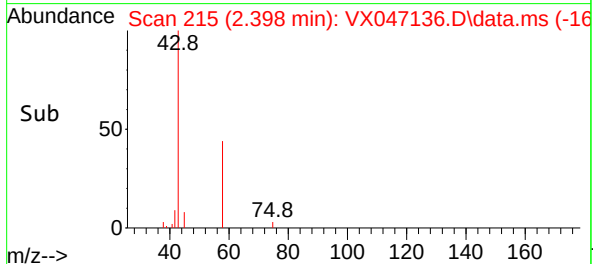
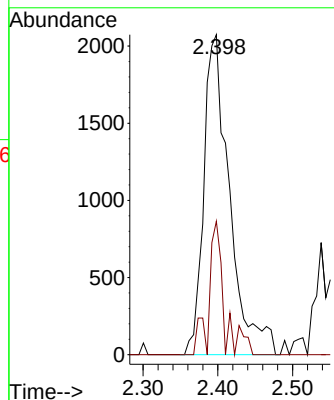
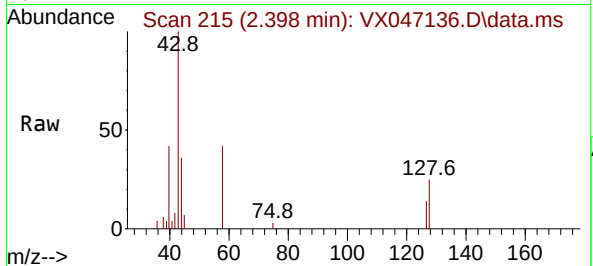




#16
Acetone
Concen: 2.206 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

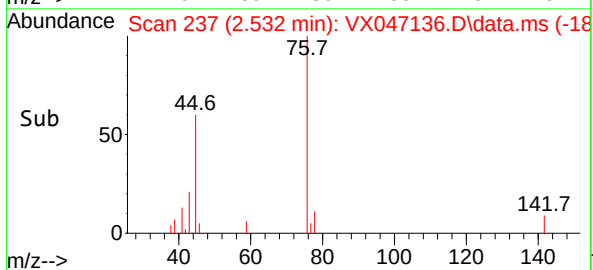
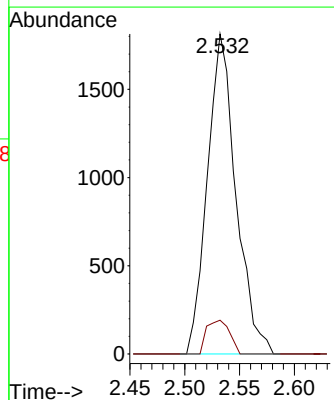
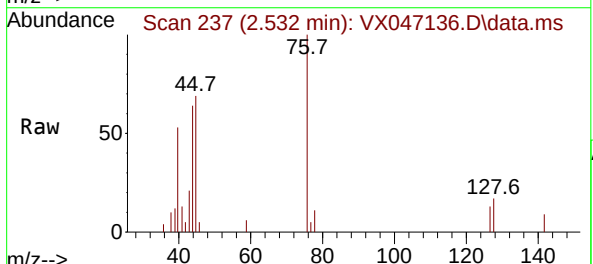
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

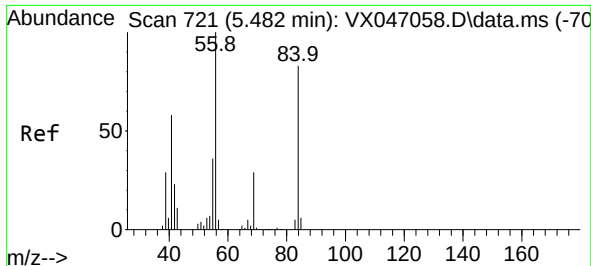
Tgt Ion: 43 Resp: 4972
Ion Ratio Lower Upper
43 100
58 60.6 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.200 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

Tgt Ion: 76 Resp: 3292
Ion Ratio Lower Upper
76 100
78 10.6 7.0 10.4#

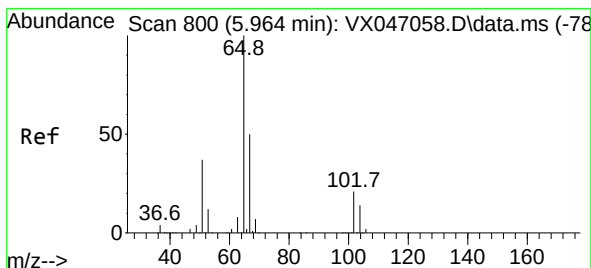
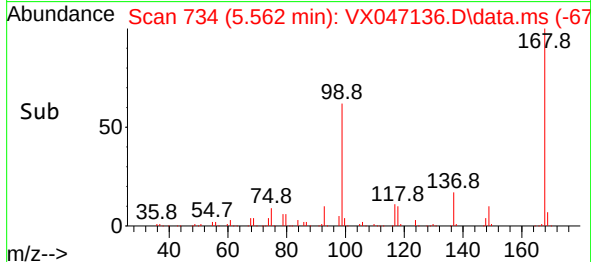
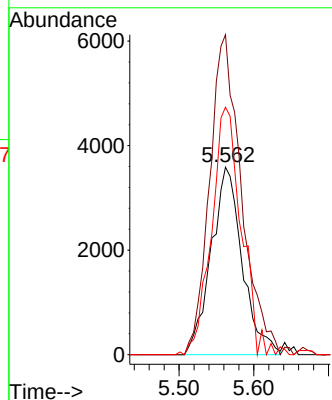
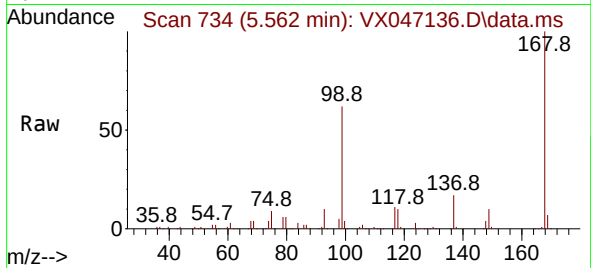




#31
Cyclohexane
Concen: 0.987 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

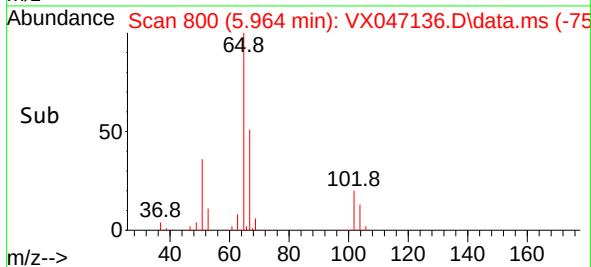
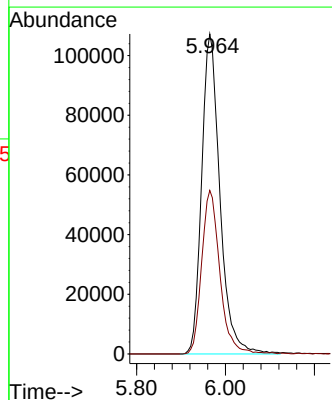
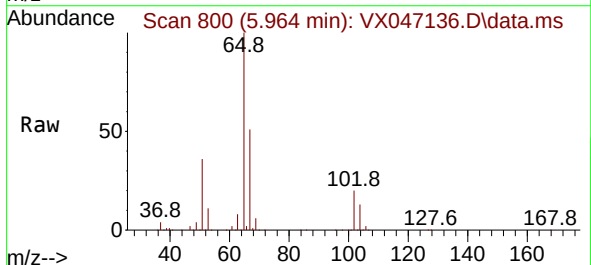
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

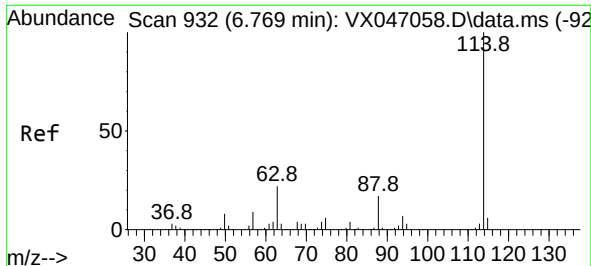
Tgt Ion: 56 Resp: 10385
Ion Ratio Lower Upper
56 100
69 173.1 23.3 34.9#
84 130.5 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 54.543 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

Tgt Ion: 65 Resp: 306906
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8

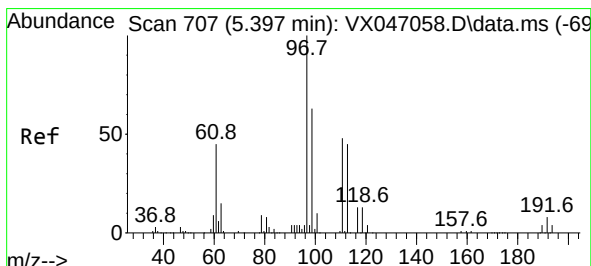
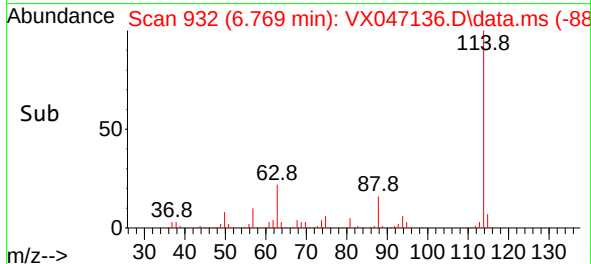
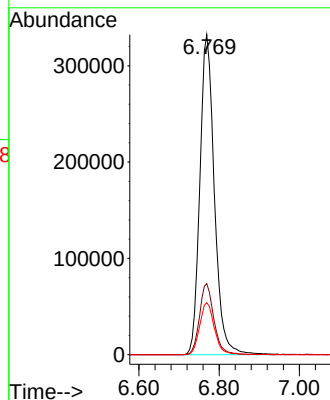
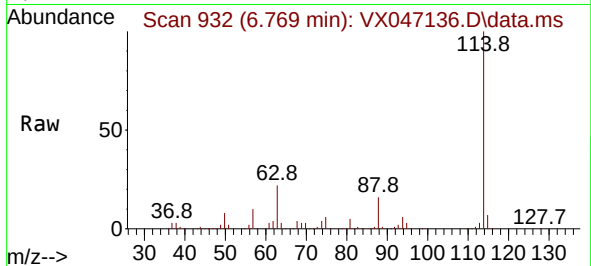




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

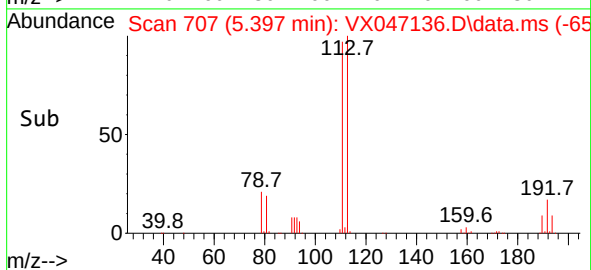
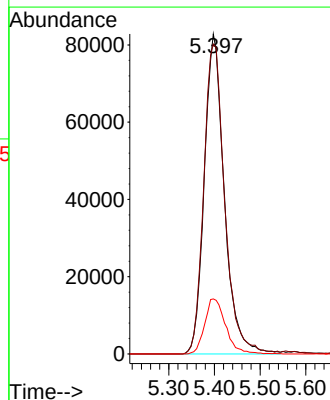
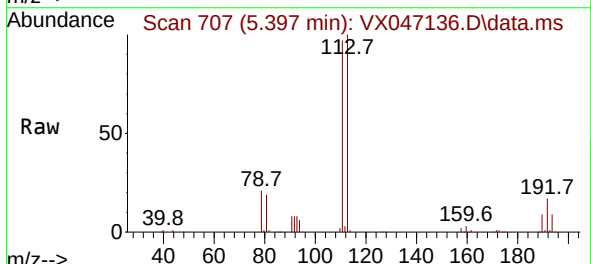
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

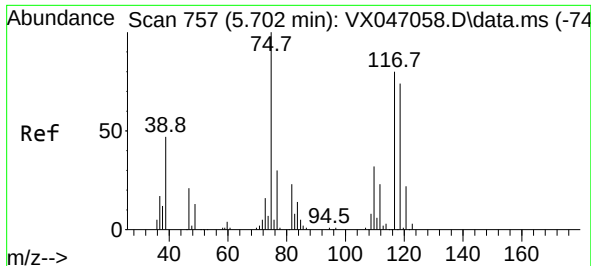
Tgt Ion:114 Resp: 836274
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.2
88 16.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.884 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

Tgt Ion:113 Resp: 252408
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 18.1 14.9 22.3

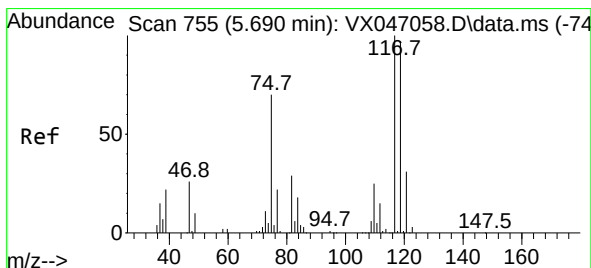
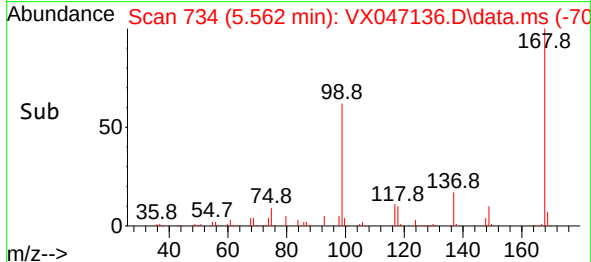
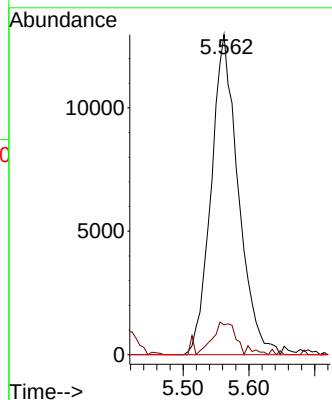
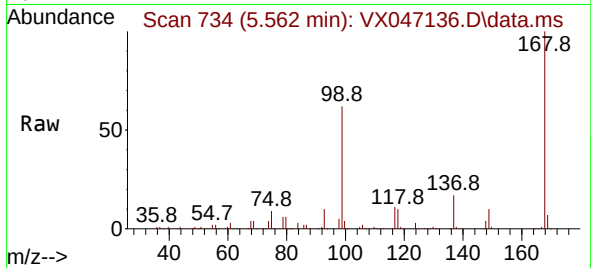




#36
1,1-Dichloropropene
Concen: 4.231 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

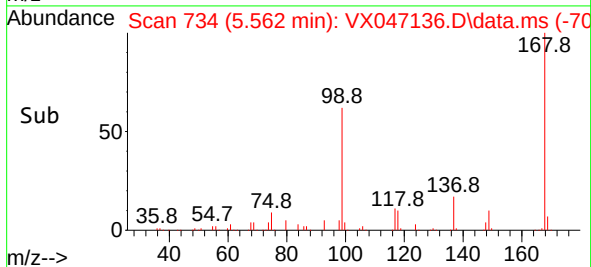
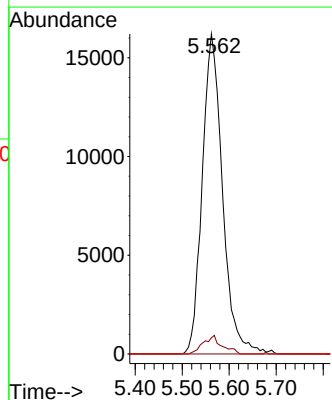
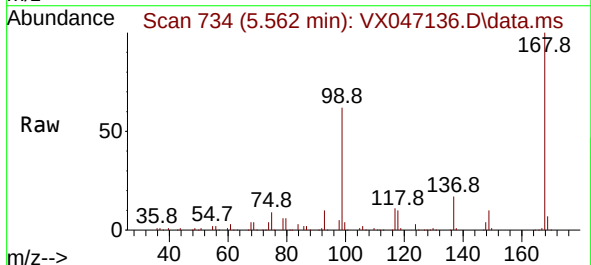
Instrument :
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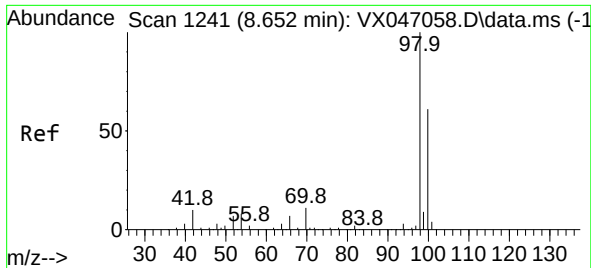
Tgt Ion: 75 Resp: 37243
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.170 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

Tgt Ion: 117 Resp: 48568
Ion Ratio Lower Upper
117 100
119 5.1 76.6 115.0#
121 0.0 24.4 36.6#

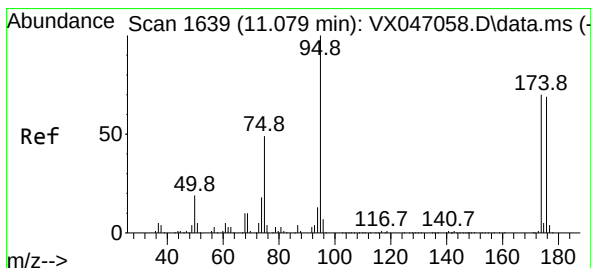
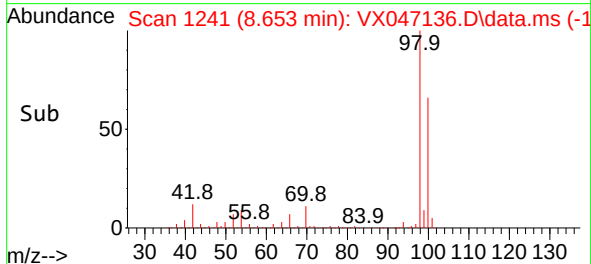
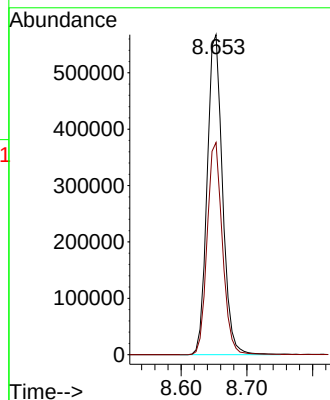
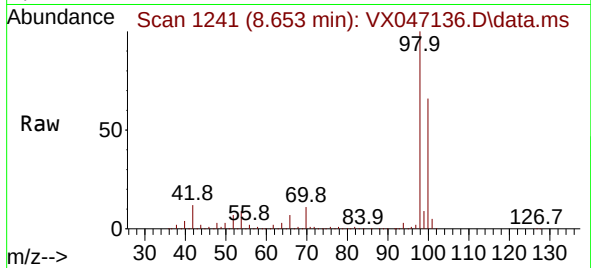




#50
Toluene-d8
Concen: 55.143 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

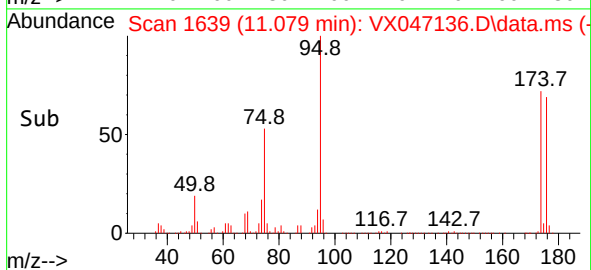
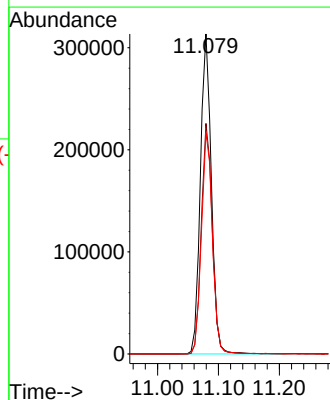
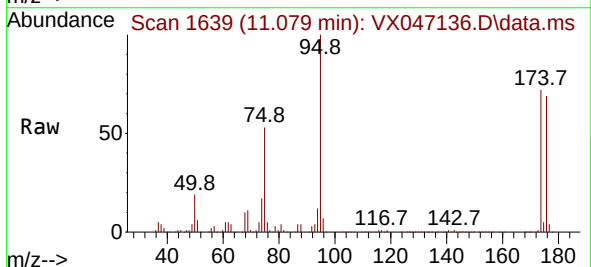
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

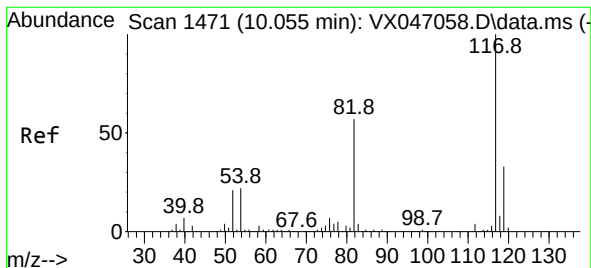
Tgt Ion: 98 Resp: 922078
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 54.214 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

Tgt Ion: 95 Resp: 390674
Ion Ratio Lower Upper
95 100
174 72.3 0.0 144.6
176 69.4 0.0 139.6

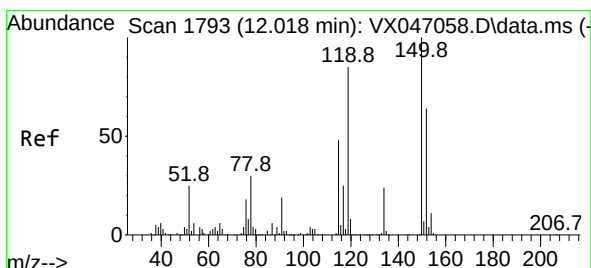
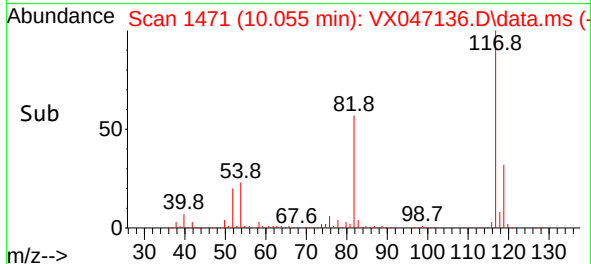
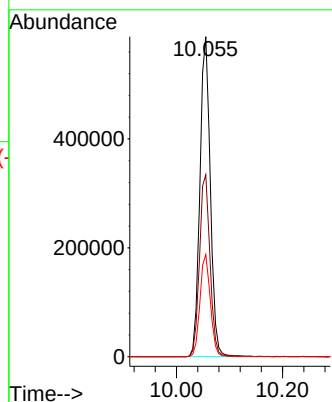
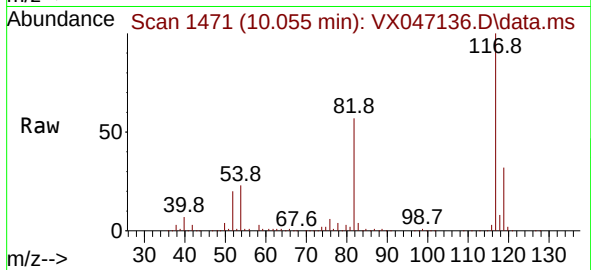




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

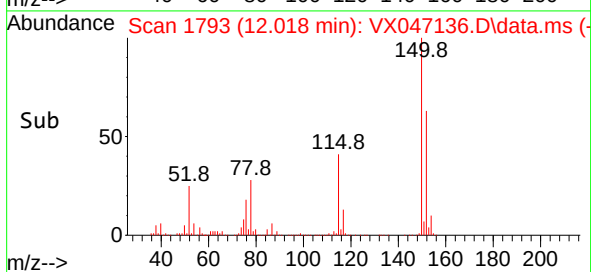
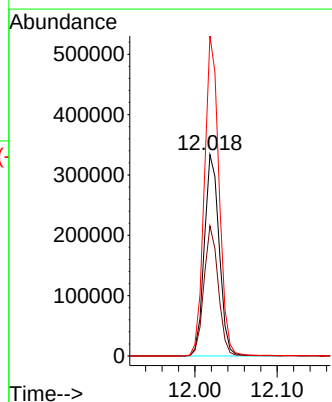
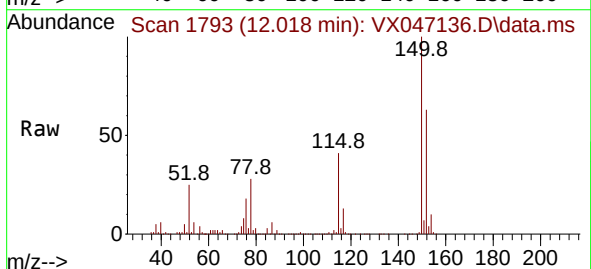
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

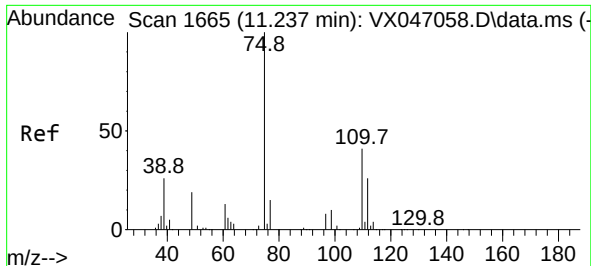
Tgt Ion:117 Resp: 803283
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

Tgt Ion:152 Resp: 419203
Ion Ratio Lower Upper
152 100
115 62.9 45.6 136.7
150 157.1 0.0 354.6

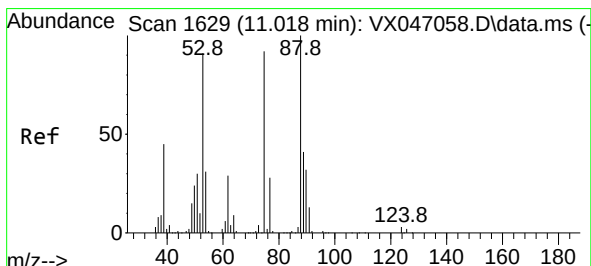
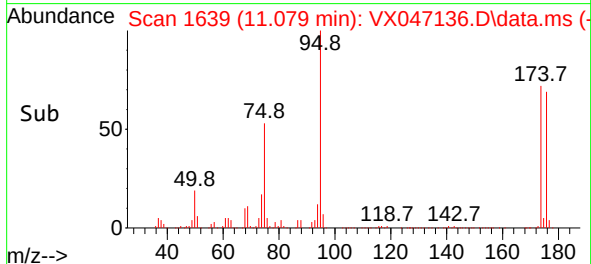
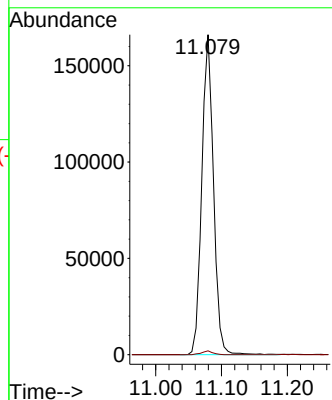
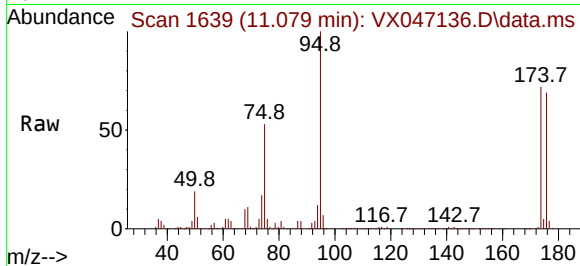




#76
1,2,3-Trichloropropane
Concen: 26.417 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

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

Tgt Ion: 75 Resp: 204974
Ion Ratio Lower Upper
75 100
77 1.1 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047136.D
Acq: 25 Jul 2025 12:42

Tgt Ion: 75 Resp: 204974
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#

