

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048901.D
 Acq On : 16 Dec 2025 20:34
 Operator : JC/MD
 Sample : Q3850-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Dec 17 03:29:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

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

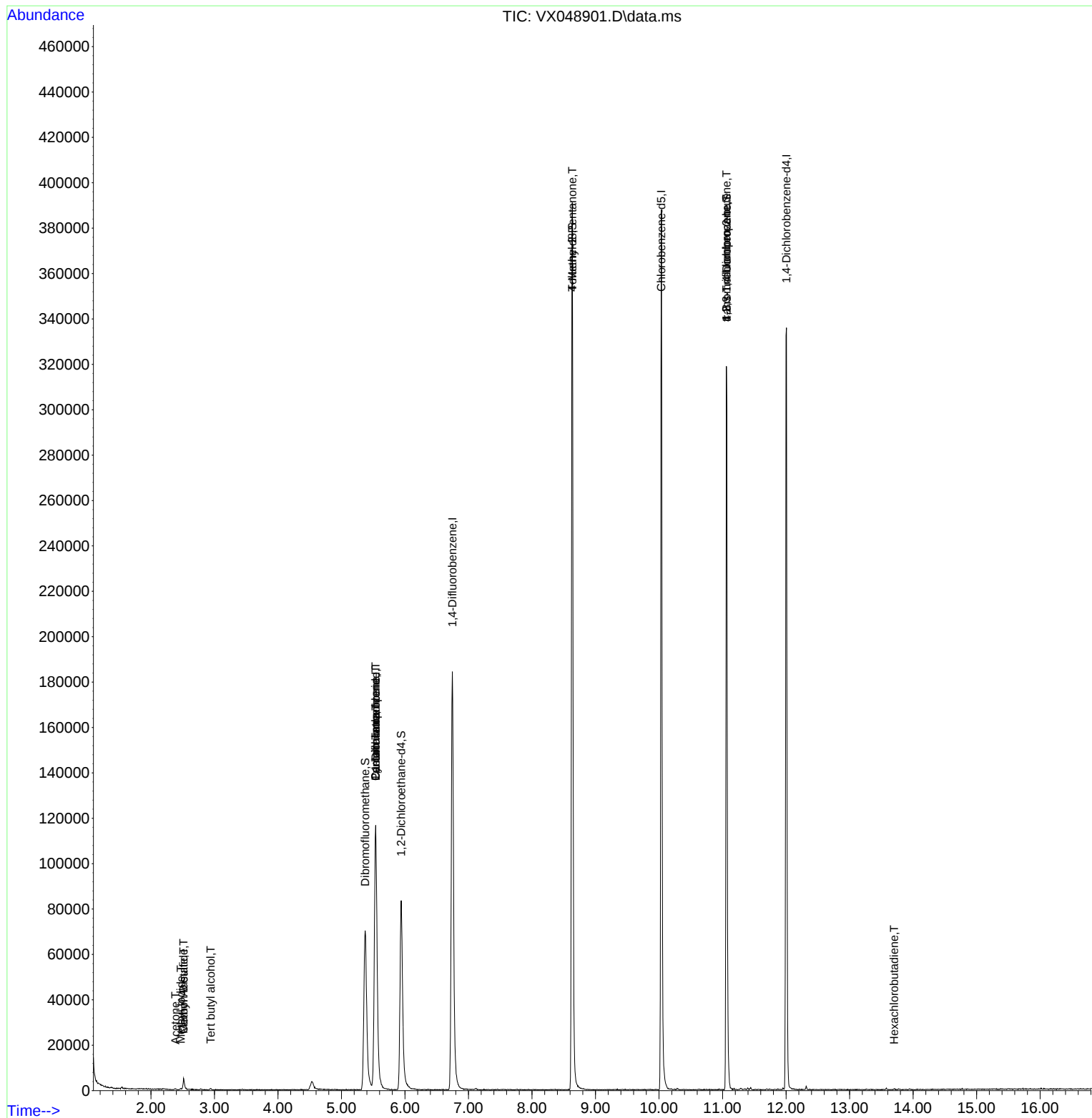
Internal Standards						
1) Pentafluorobenzene	5.538	168	116538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	198264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	175099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	74365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	90657	46.539	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.080%
35) Dibromofluoromethane	5.373	113	68124	46.228	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.635	98	246643	46.880	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.760%
62) 4-Bromofluorobenzene	11.061	95	85736	45.390	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.780%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	572	0.326	ug/l #	86
11) Tert butyl alcohol	2.941	59	42	0.374	ug/l #	73
16) Acetone	2.386	43	541	1.318	ug/l #	74
17) Carbon Disulfide	2.514	76	1574	0.429	ug/l	95
18) Methyl Acetate	2.514	43	1002	0.757	ug/l #	51
31) Cyclohexane	5.538	56	2551	1.166	ug/l #	17
36) 1,1-Dichloropropene	5.538	75	10103	5.463	ug/l #	48
38) Carbon Tetrachloride	5.538	117	12549	5.692	ug/l #	13
51) 4-Methyl-2-Pentanone	8.635	43	1237	0.755	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	47194	39.470	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	47194	100.244	ug/l #	3
94) Hexachlorobutadiene	13.701	225	143	0.239	ug/l #	26

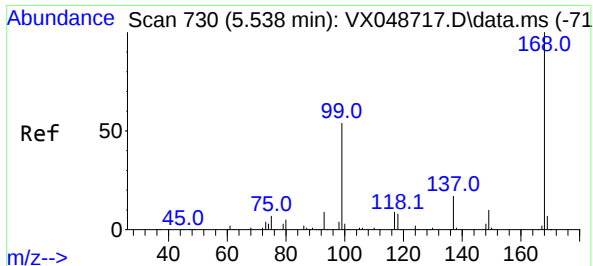
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
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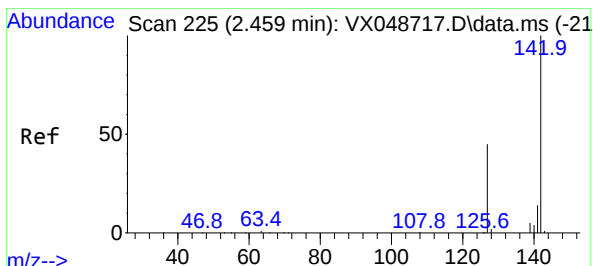
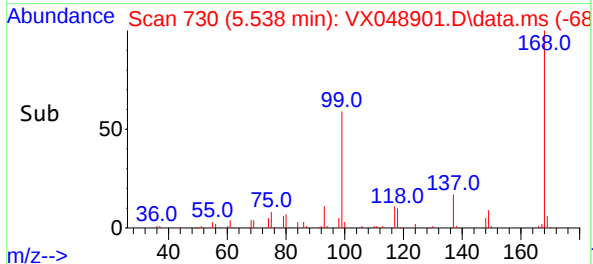
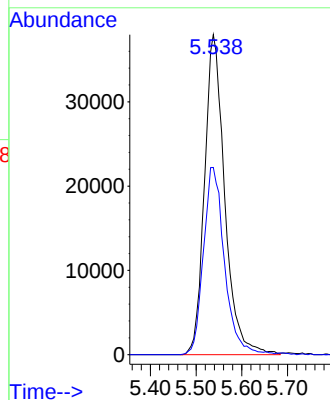
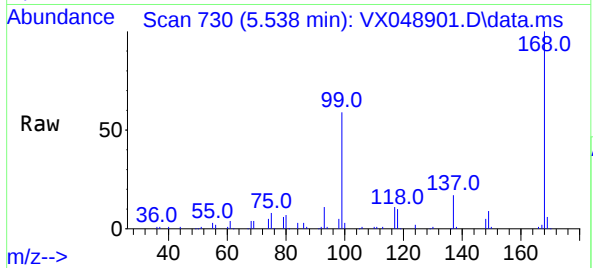




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

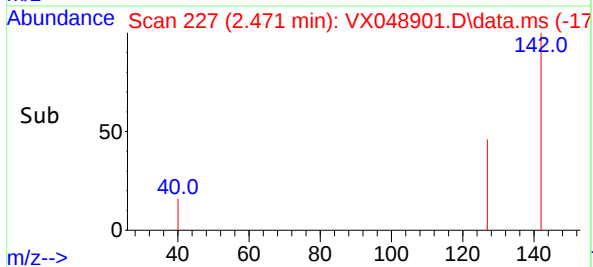
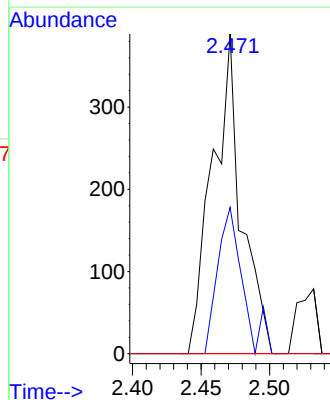
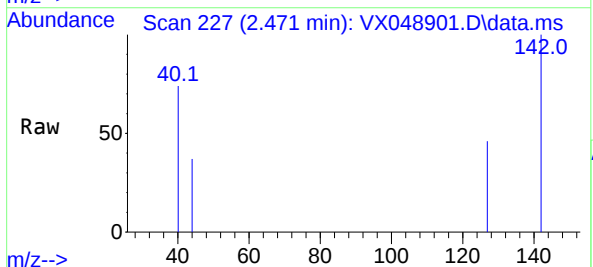
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

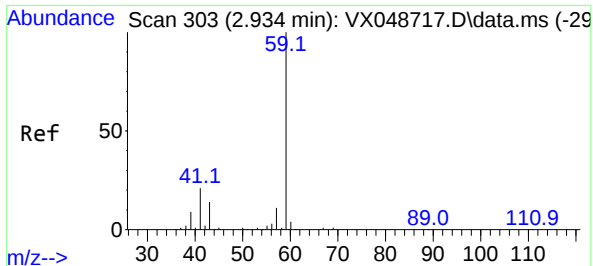
Tgt Ion:168 Resp: 116538
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4



#10
Methyl Iodide
Concen: 0.326 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

Tgt Ion:142 Resp: 572
Ion Ratio Lower Upper
142 100
127 39.5 35.8 53.6
141 0.0 11.1 16.7#





#11

Tert butyl alcohol

Concen: 0.374 ug/l

RT: 2.941 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX048901.D

Acq: 16 Dec 2025 20:34

Instrument :

MSVOA_X

ClientSampleId :

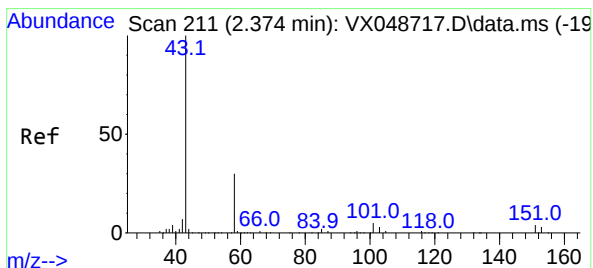
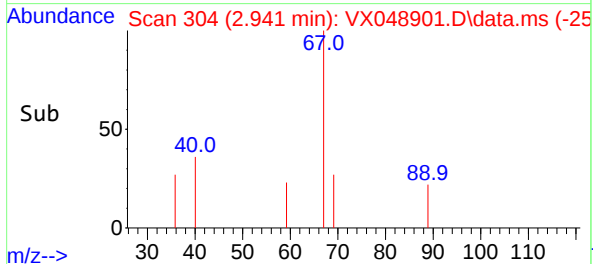
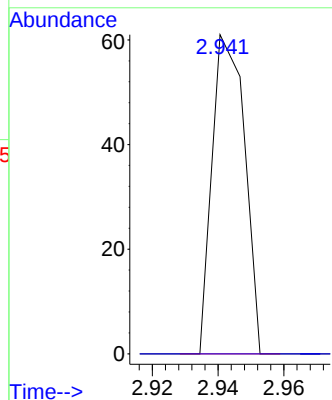
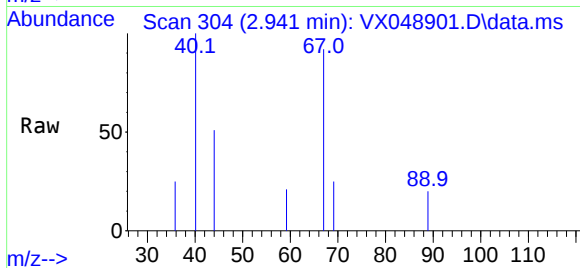
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 59 Resp: 42

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 1.318 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX048901.D

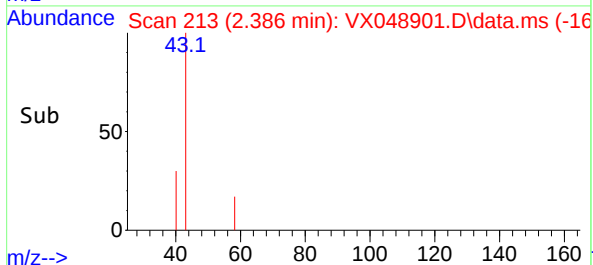
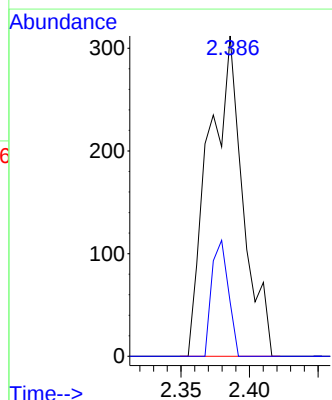
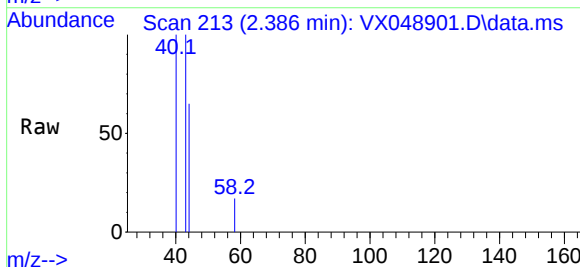
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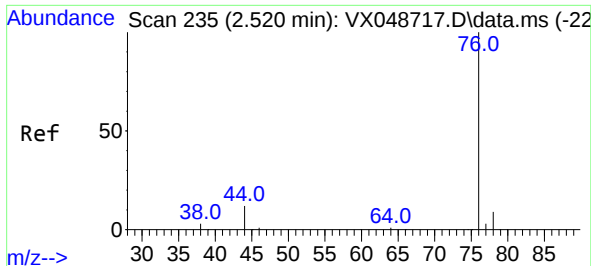
Tgt Ion: 43 Resp: 541

Ion Ratio Lower Upper

43 100

58 17.0 25.0 37.4#

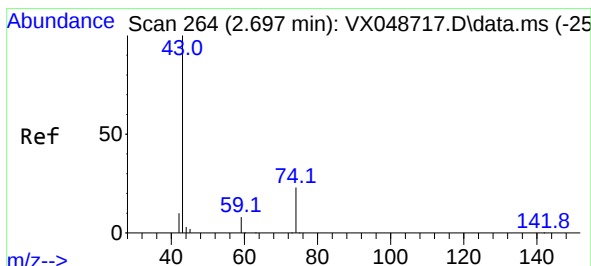
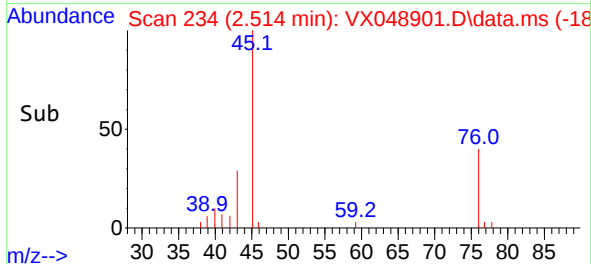
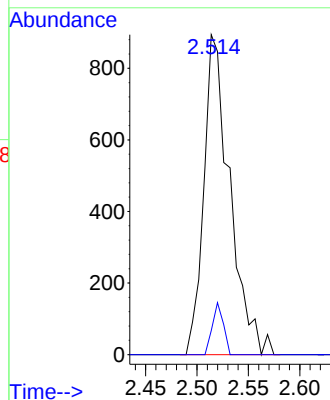
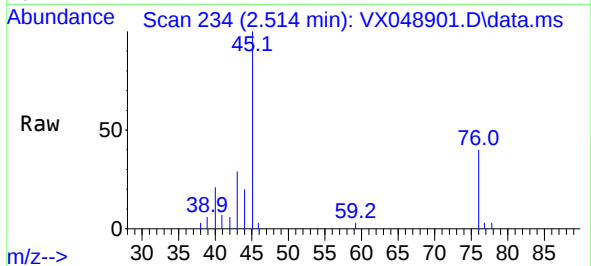




#17
Carbon Disulfide
Concen: 0.429 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

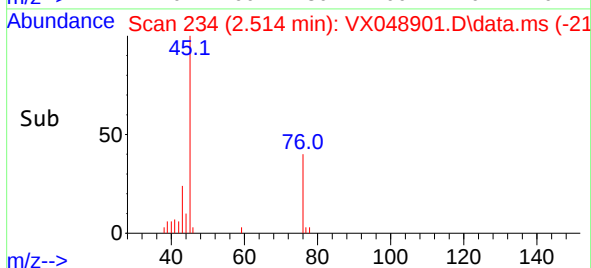
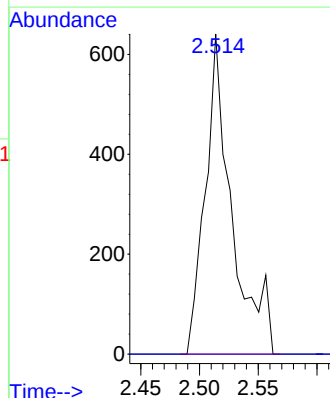
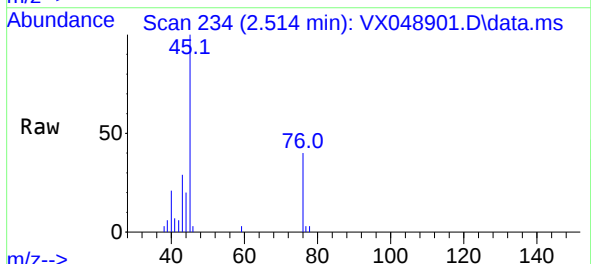
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

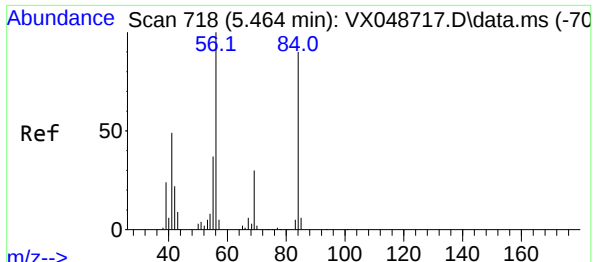
Tgt Ion: 76 Resp: 1574
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.2



#18
Methyl Acetate
Concen: 0.757 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.183 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

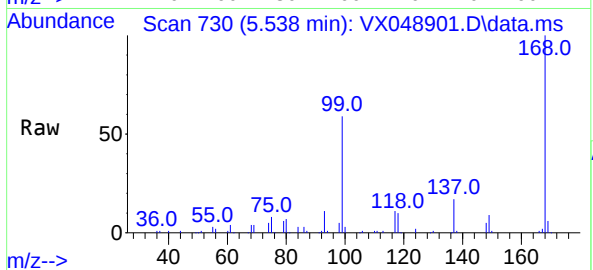
Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



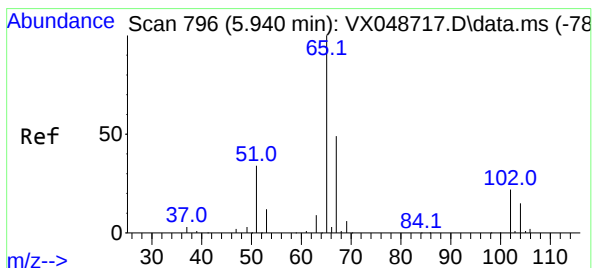
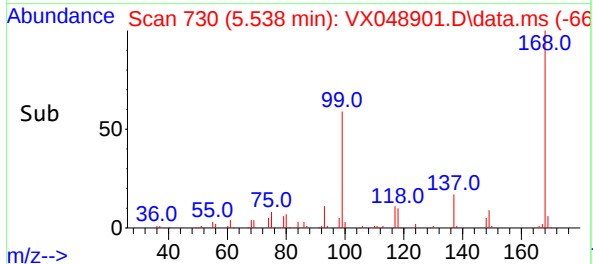
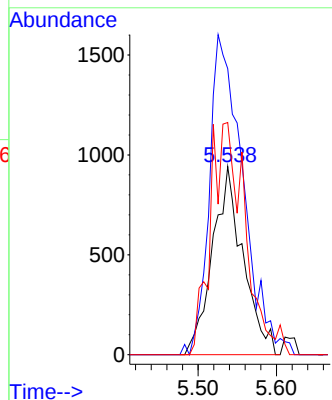


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

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

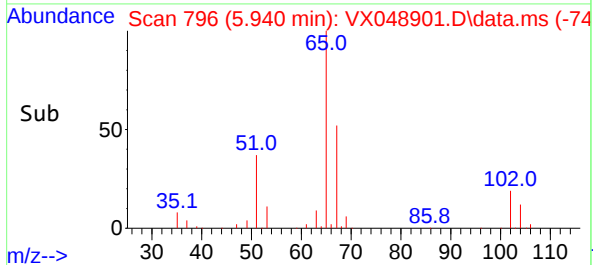
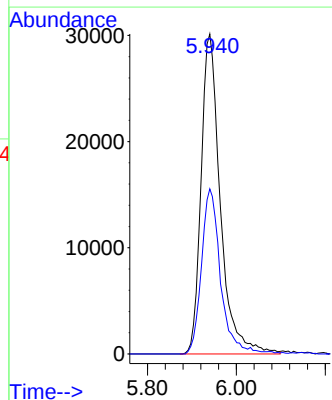
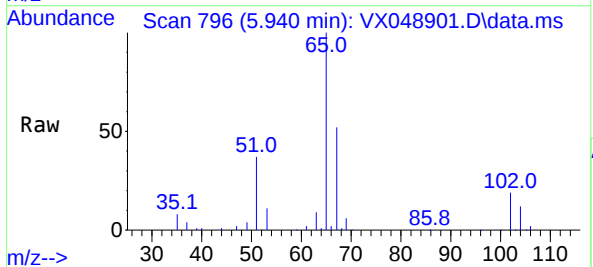


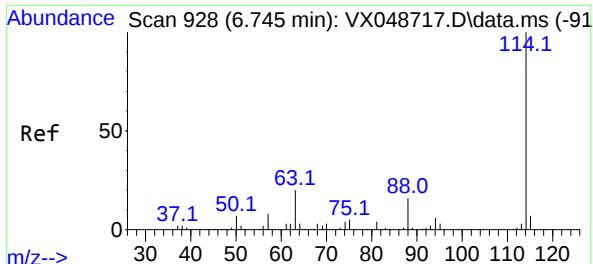
Tgt Ion: 56 Resp: 2551
Ion Ratio Lower Upper
56 100
69 152.0 24.2 36.2#
84 123.4 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 46.539 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

Tgt Ion: 65 Resp: 90657
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

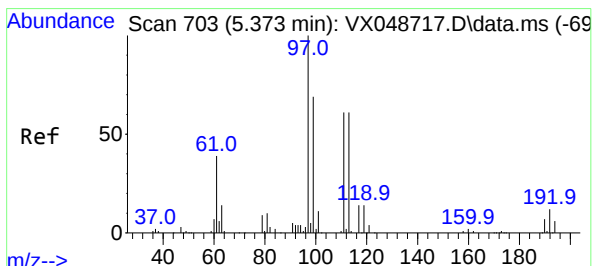
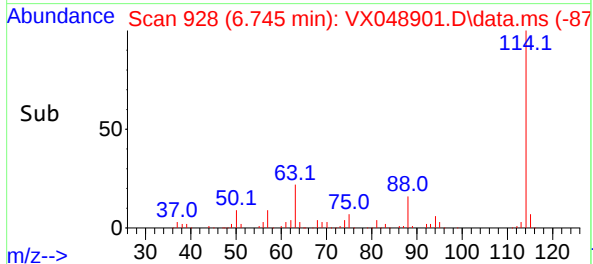
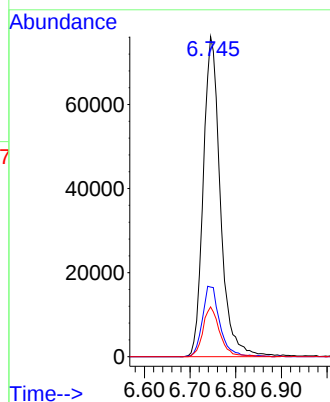
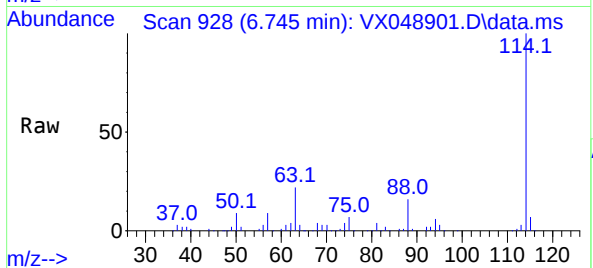




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

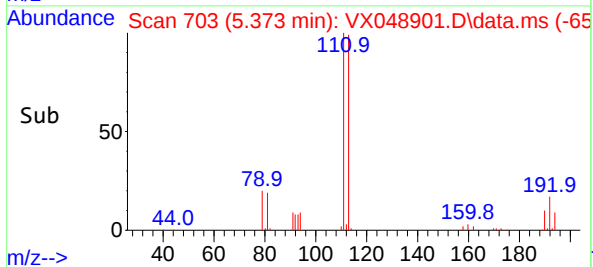
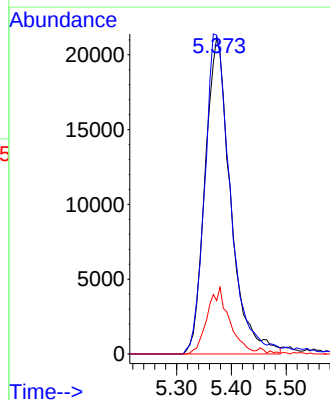
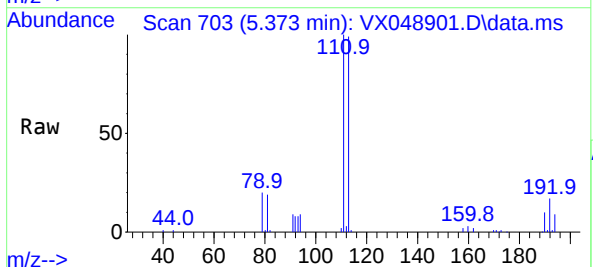
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

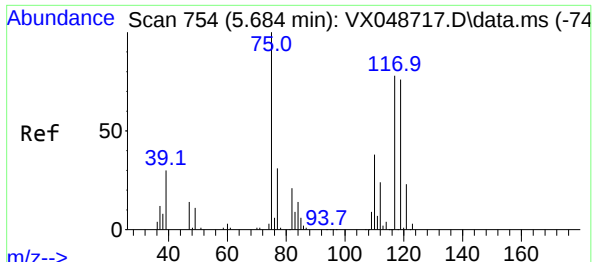
Tgt Ion:114 Resp: 198264
Ion Ratio Lower Upper
114 100
63 21.8 0.0 39.0
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.228 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

Tgt Ion:113 Resp: 68124
Ion Ratio Lower Upper
113 100
111 102.4 79.5 119.3
192 18.4 16.1 24.1



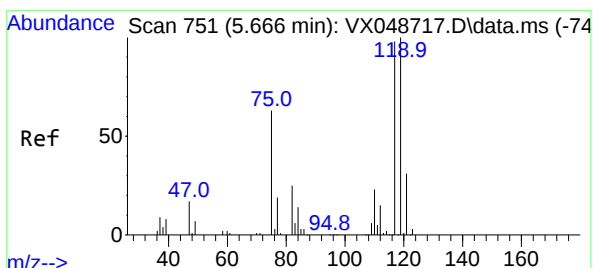
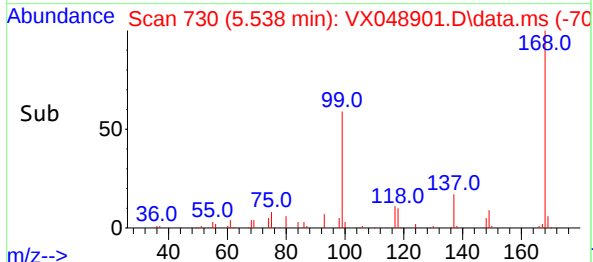
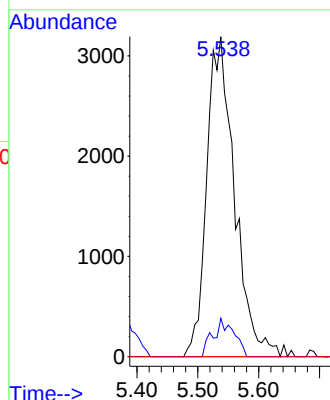
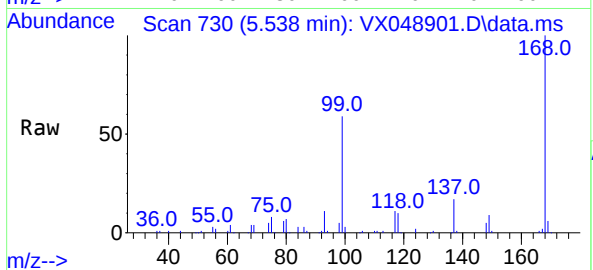


#36
1,1-Dichloropropene
Concen: 5.463 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

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

Tgt Ion: 75 Resp: 10103

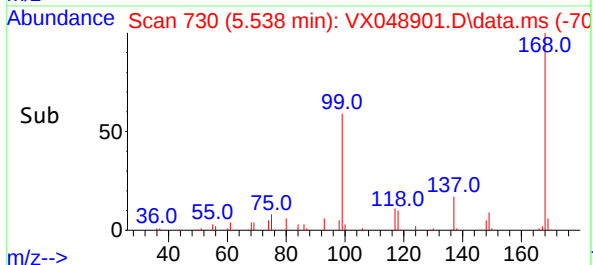
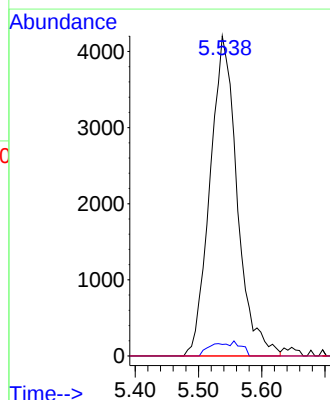
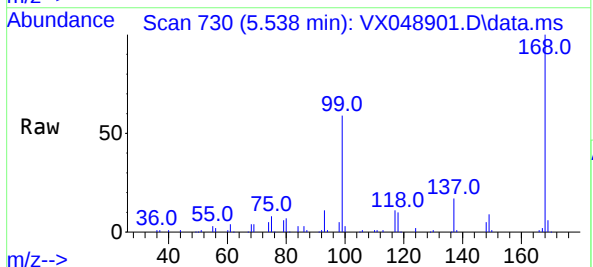
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.6	55.8#
77	0.0	25.3	37.9#

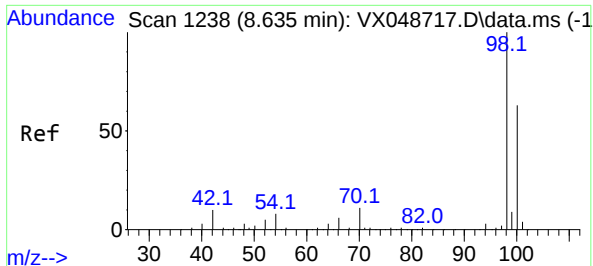


#38
Carbon Tetrachloride
Concen: 5.692 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

Tgt Ion: 117 Resp: 12549

Ion	Ratio	Lower	Upper
117	100		
119	3.6	80.5	120.7#
121	0.0	25.4	38.0#





#50

Toluene-d8

Concen: 46.880 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048901.D

Acq: 16 Dec 2025 20:34

Instrument :

MSVOA_X

ClientSampleId :

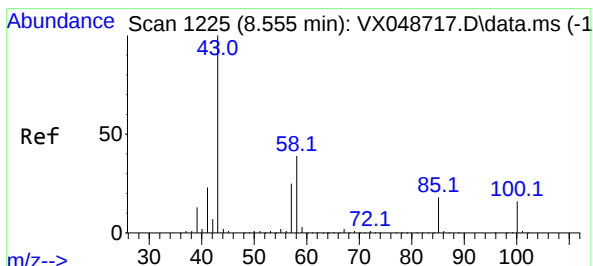
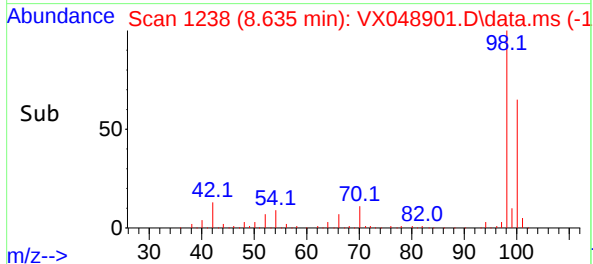
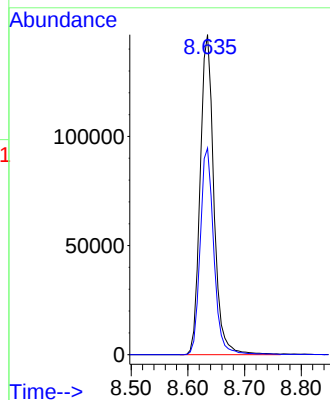
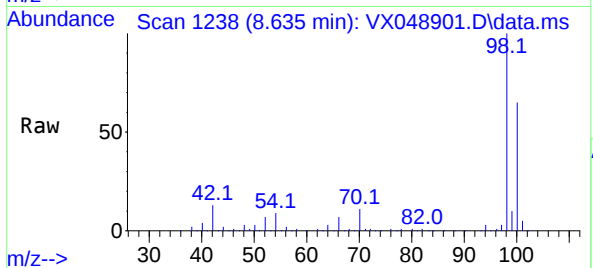
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 246643

Ion Ratio Lower Upper

98 100

100 64.0 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 0.755 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.079 min

Lab File: VX048901.D

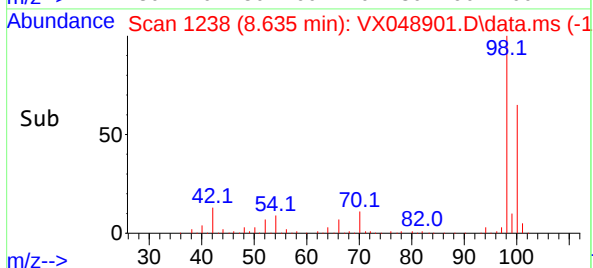
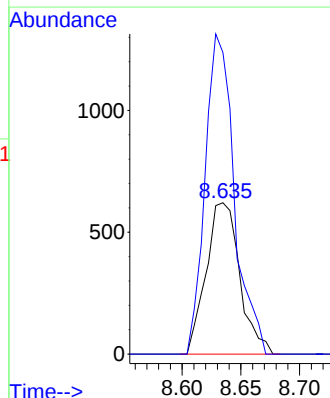
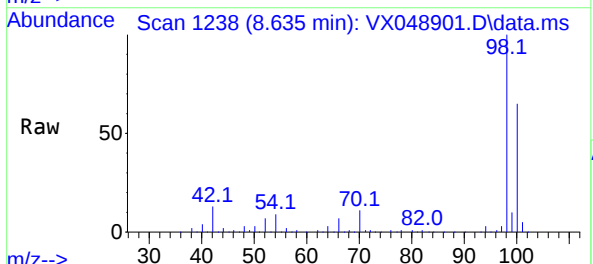
Acq: 16 Dec 2025 20:34

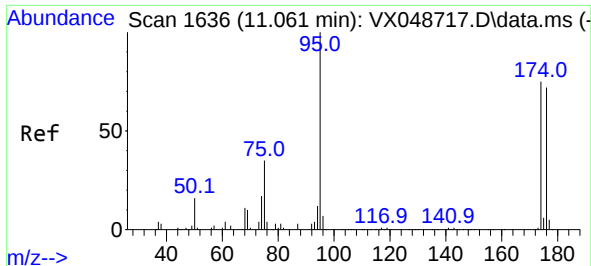
Tgt Ion: 43 Resp: 1237

Ion Ratio Lower Upper

43 100

58 183.2 32.2 48.4#

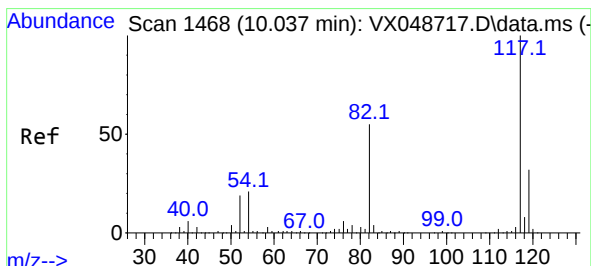
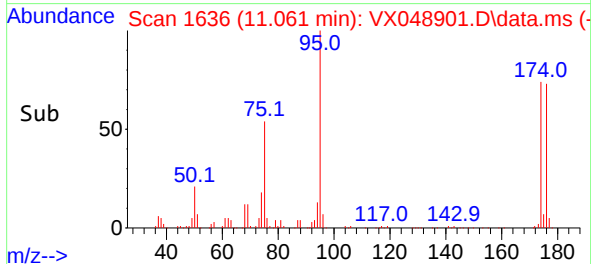
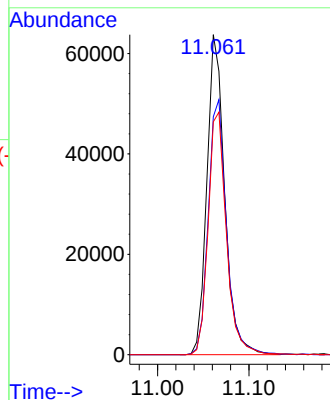
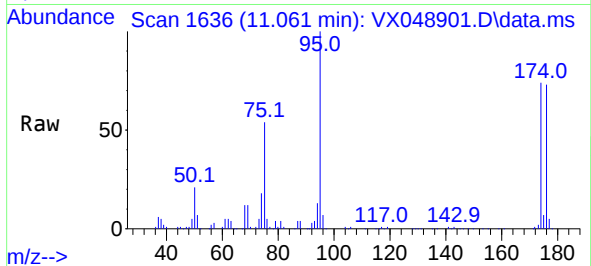




#62
4-Bromofluorobenzene
Concen: 45.390 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

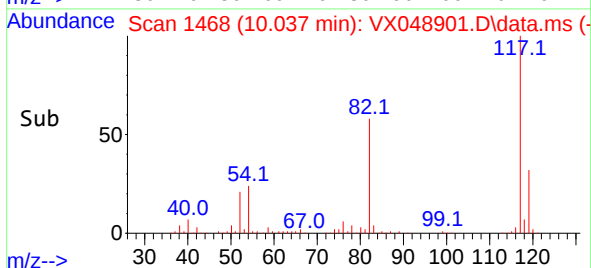
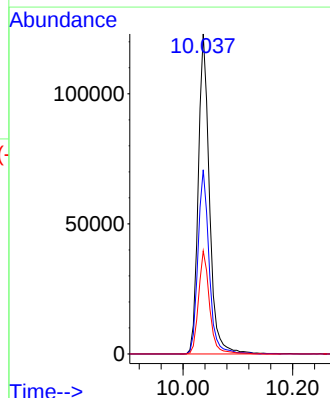
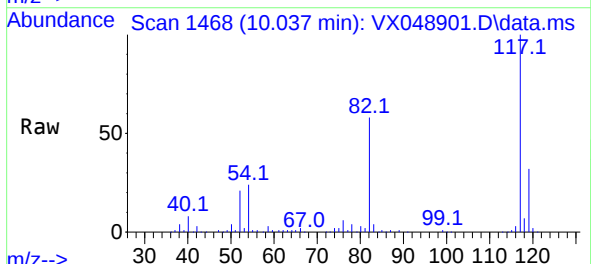
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

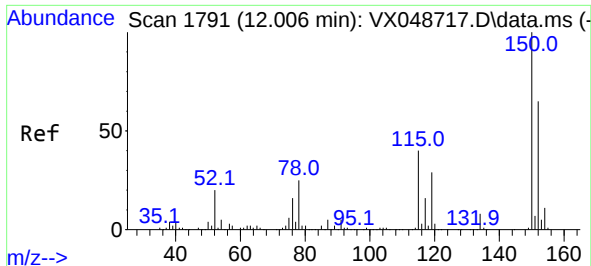
Tgt Ion: 95 Resp: 85736
Ion Ratio Lower Upper
95 100
174 82.2 0.0 157.8
176 78.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

Tgt Ion: 117 Resp: 175099
Ion Ratio Lower Upper
117 100
82 57.5 44.1 66.1
119 32.2 25.2 37.8

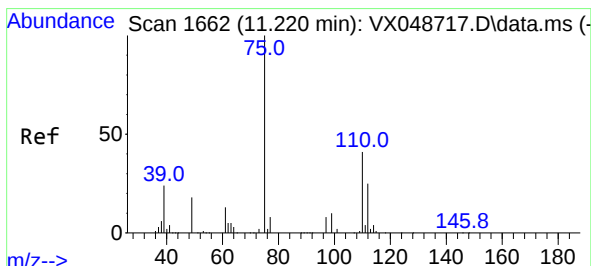
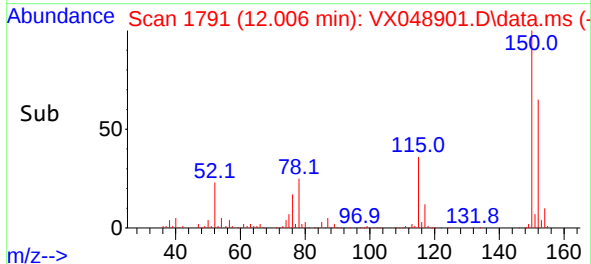
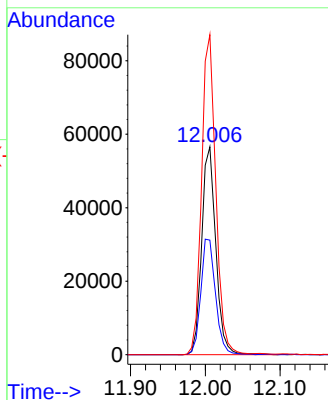
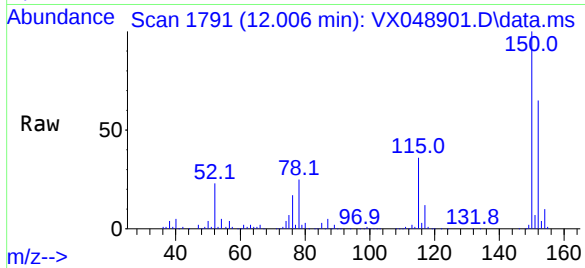




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

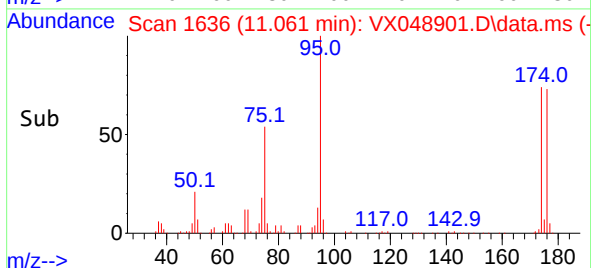
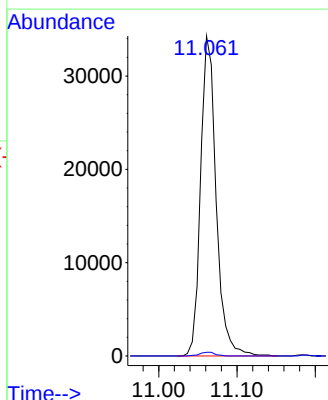
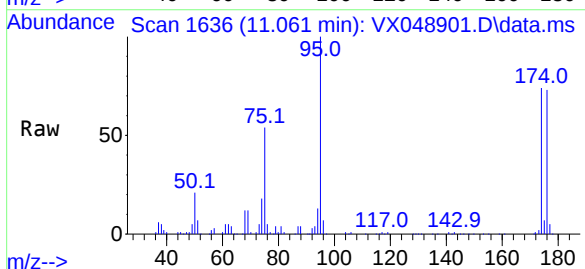
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

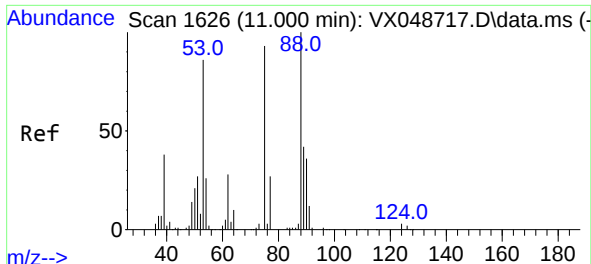
Tgt Ion:152 Resp: 74365
Ion Ratio Lower Upper
152 100
115 57.9 42.1 126.4
150 154.6 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 39.470 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

Tgt Ion: 75 Resp: 47194
Ion Ratio Lower Upper
75 100
77 1.2 24.3 73.0#

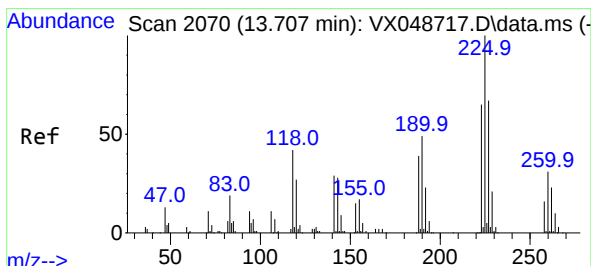
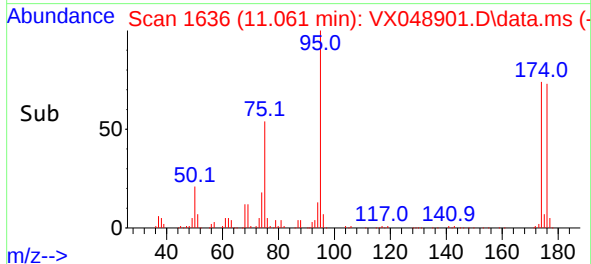
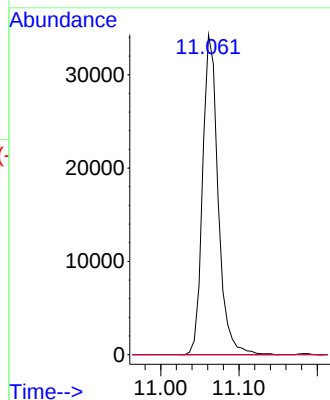
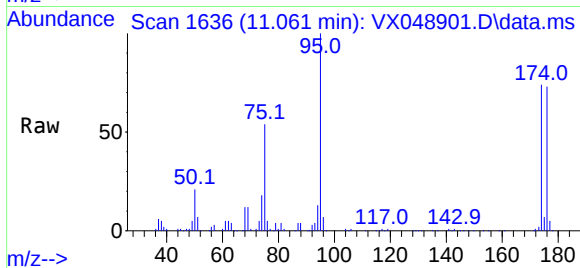




#81
trans-1,4-Dichloro-2-butene
Concen: 100.244 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

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

Tgt Ion: 75 Resp: 47194
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#



#94
Hexachlorobutadiene
Concen: 0.239 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

Tgt Ion: 225 Resp: 143
Ion Ratio Lower Upper
225 100
223 14.7 33.0 98.9#
227 0.0 32.9 98.7#

