

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100724\
 Data File : VX043303.D
 Acq On : 07 Oct 2024 10:44
 Operator : JC/MD
 Sample : P4300-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Oct 08 01:42:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

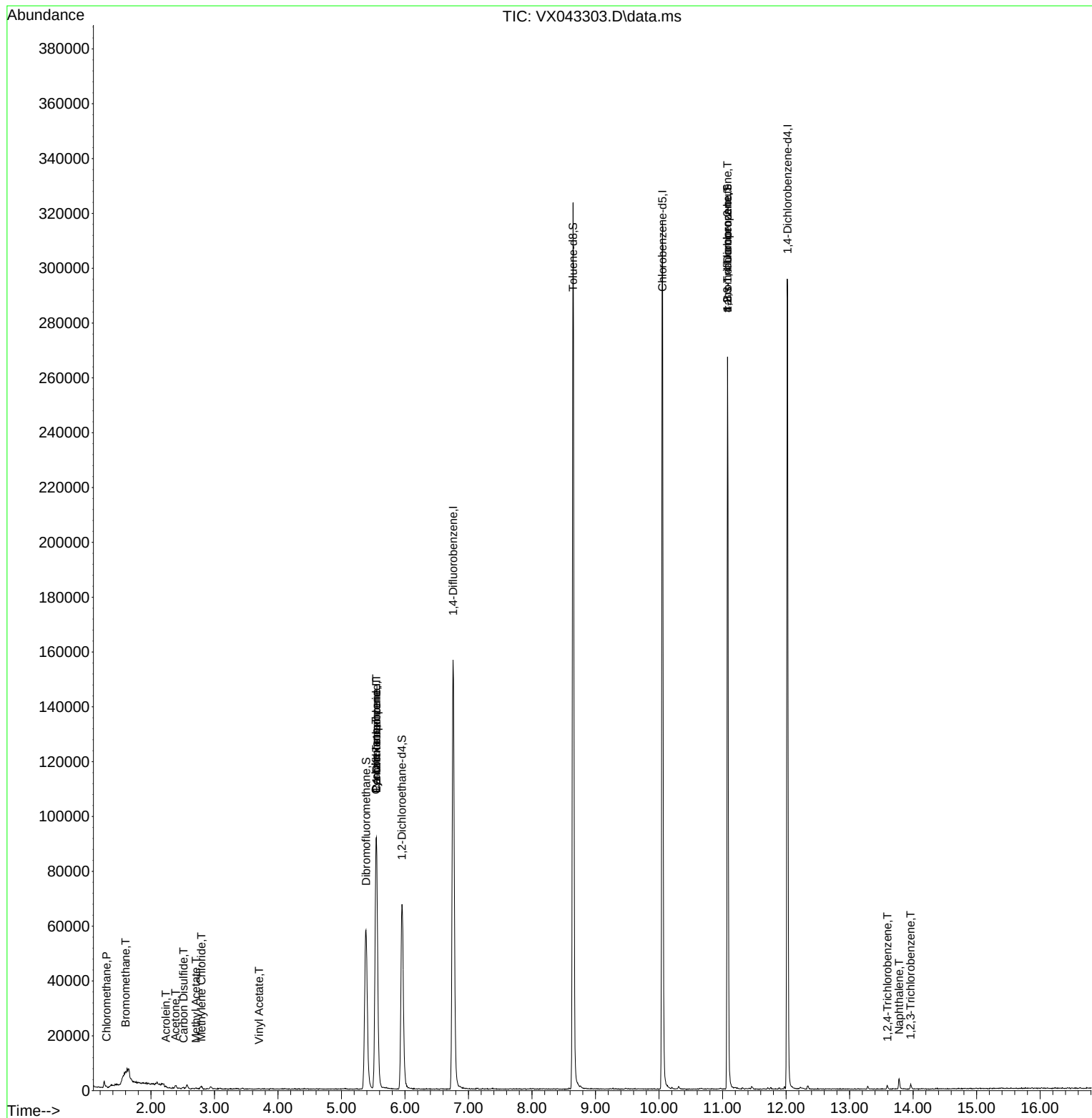
Internal Standards						
1) Pentafluorobenzene	5.549	168	85147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69861	50.239	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.480%			
35) Dibromofluoromethane	5.385	113	51651	47.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.720%			
50) Toluene-d8	8.646	98	191259	50.603	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.200%			
62) 4-Bromofluorobenzene	11.079	95	69956	50.948	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.900%			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	432	0.424	ug/l	97
5) Bromomethane	1.599	94	268	0.642	ug/l #	51
13) Acrolein	2.233	56	121	0.484	ug/l #	49
16) Acetone	2.385	43	1422	2.449	ug/l #	87
17) Carbon Disulfide	2.513	76	674	0.293	ug/l #	76
18) Methyl Acetate	2.708	43	403	0.277	ug/l #	51
20) Methylene Chloride	2.794	84	490	0.458	ug/l #	78
23) Vinyl Acetate	3.702	43	42	6.351	ug/l #	71
31) Cyclohexane	5.543	56	2081	1.387	ug/l #	27
36) 1,1-Dichloropropene	5.549	75	7252	5.263	ug/l #	51
38) Carbon Tetrachloride	5.549	117	9608	5.890	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	39042	28.461	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	39042	73.761	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.597	180	508	0.418	ug/l	97
95) Naphthalene	13.780	128	3225	0.722	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	475	0.379	ug/l	84

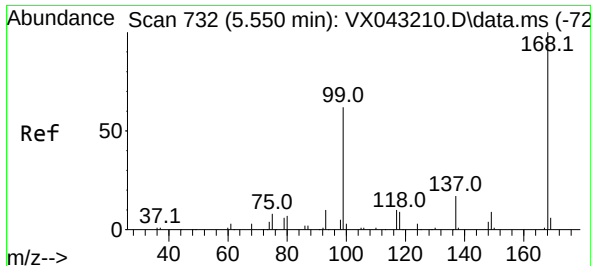
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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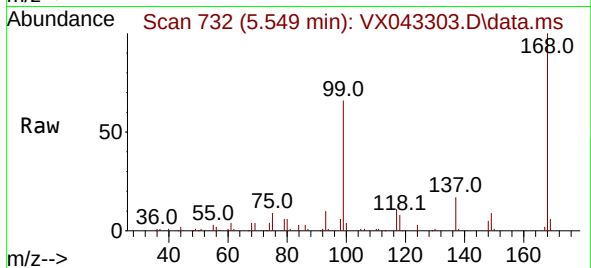
Quant Time: Oct 08 01:42:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
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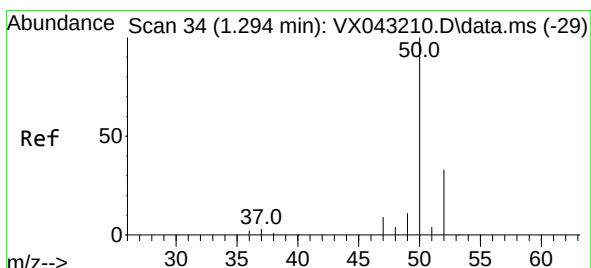
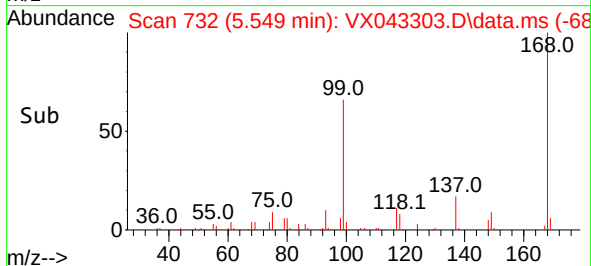
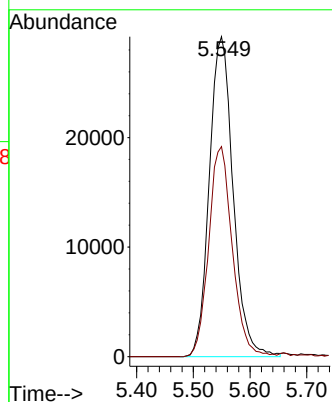


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

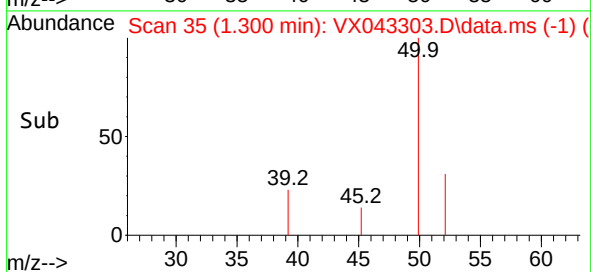
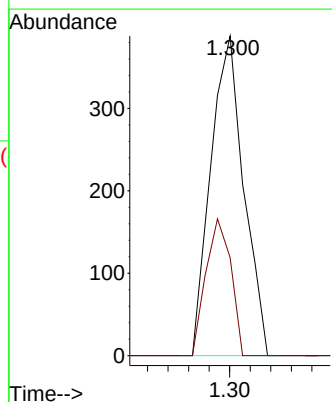
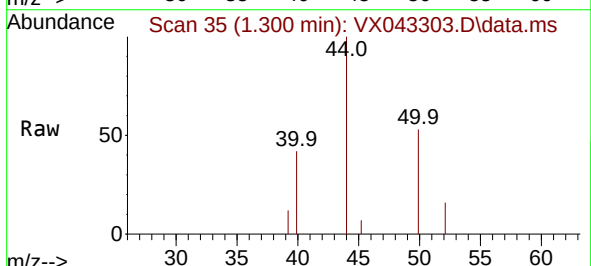


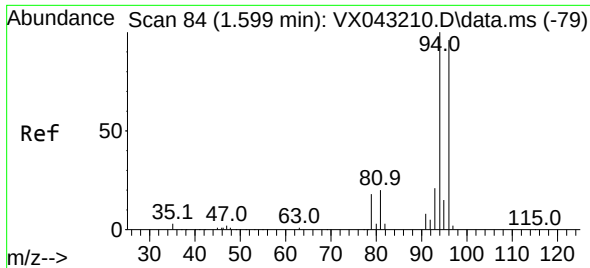
Tgt Ion:168 Resp: 85147
Ion Ratio Lower Upper
168 100
99 65.7 49.7 74.5



#3
Chloromethane
Concen: 0.424 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

Tgt Ion: 50 Resp: 432
Ion Ratio Lower Upper
50 100
52 30.7 26.1 39.1

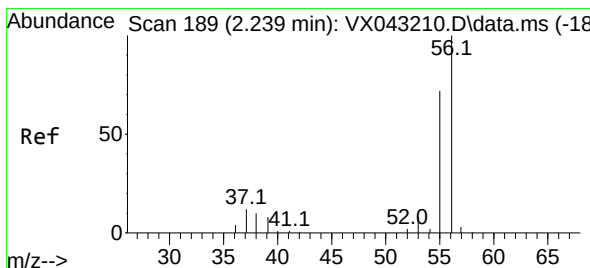
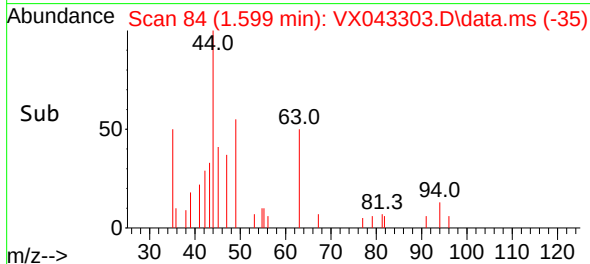
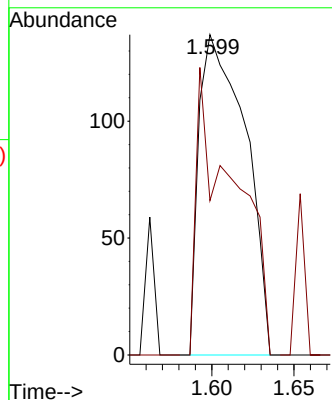
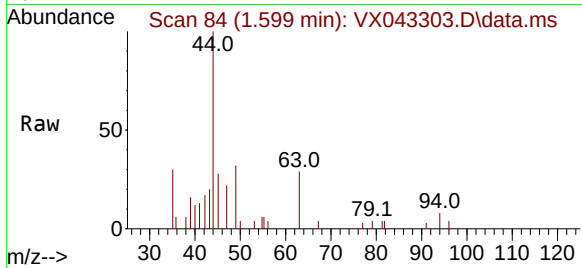




#5
 Bromomethane
 Concen: 0.642 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX043303.D
 Acq: 07 Oct 2024 10:44

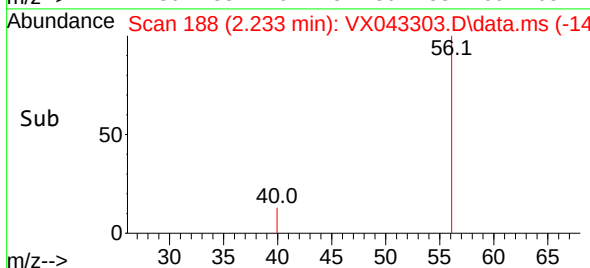
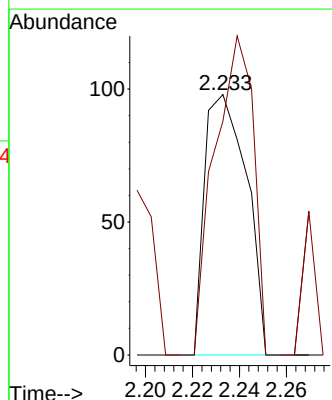
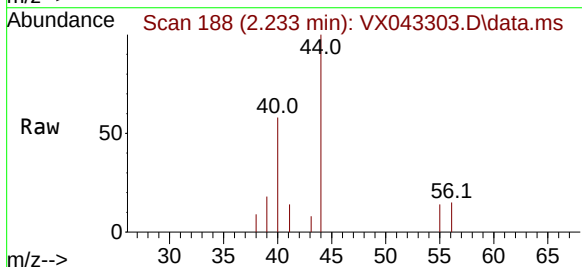
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

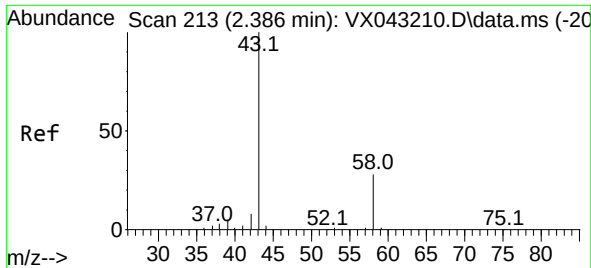
Tgt Ion: 94 Resp: 268
 Ion Ratio Lower Upper
 94 100
 96 48.2 76.6 115.0#



#13
 Acrolein
 Concen: 0.484 ug/l
 RT: 2.233 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VX043303.D
 Acq: 07 Oct 2024 10:44

Tgt Ion: 56 Resp: 121
 Ion Ratio Lower Upper
 56 100
 55 114.0 57.4 86.0#

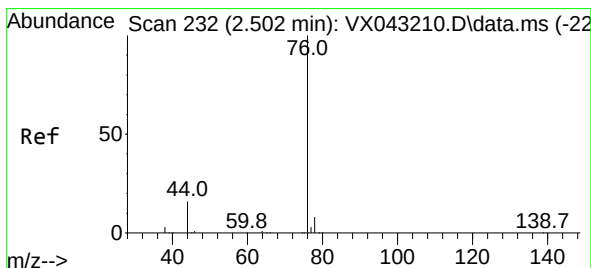
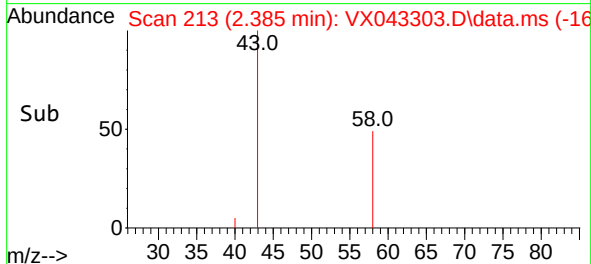
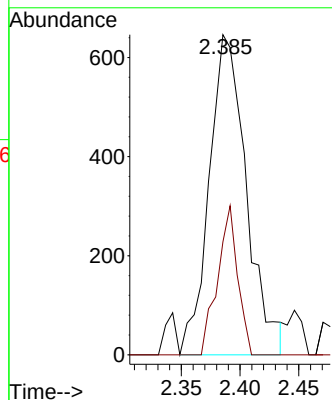
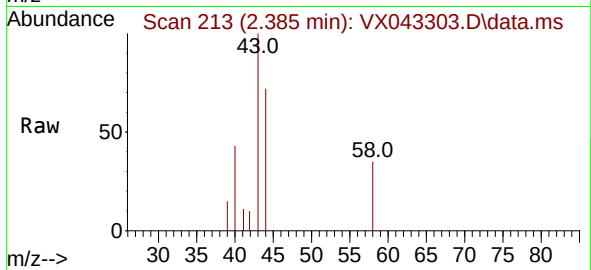




#16
Acetone
Concen: 2.449 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

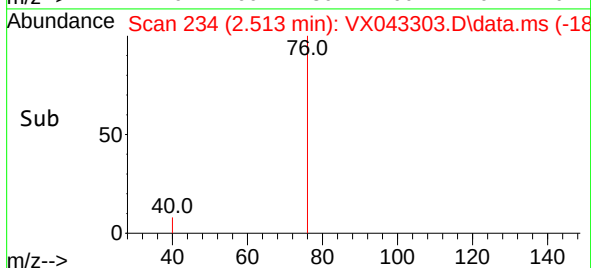
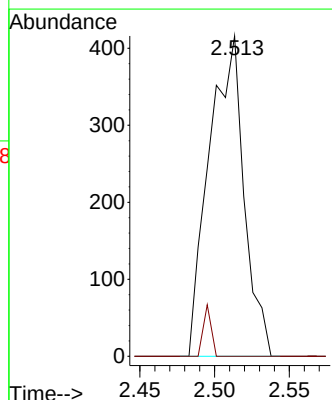
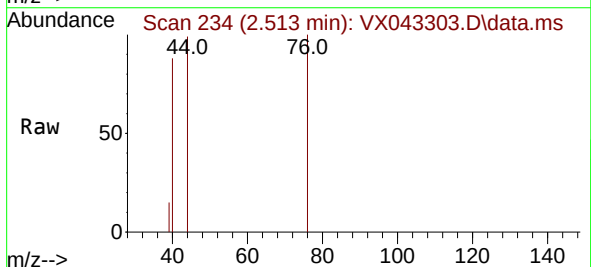
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

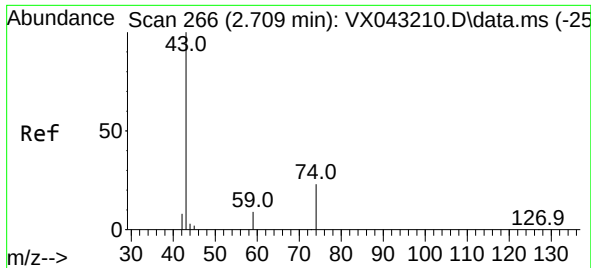
Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
58 35.3 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.293 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.012 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

Tgt Ion: 76 Resp: 674
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#

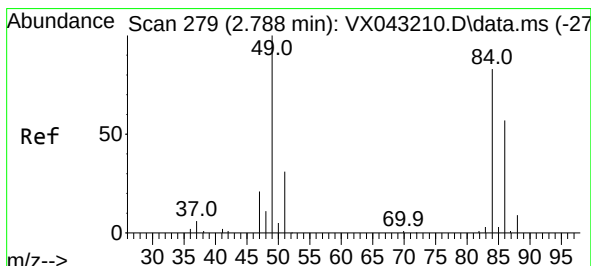
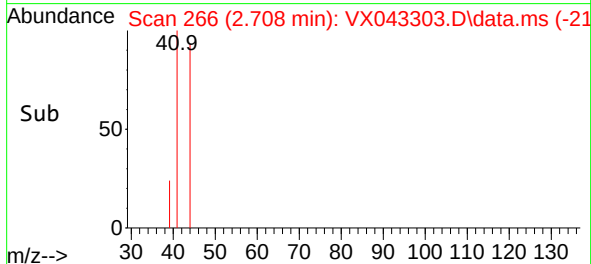
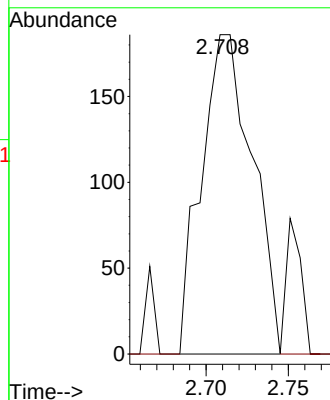
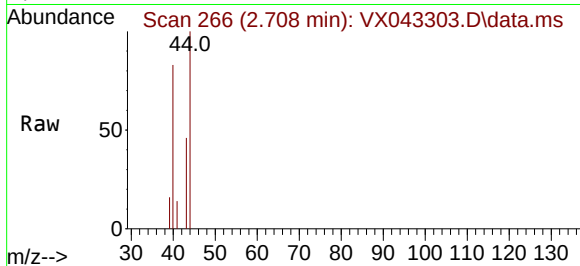




#18
Methyl Acetate
Concen: 0.277 ug/l
RT: 2.708 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

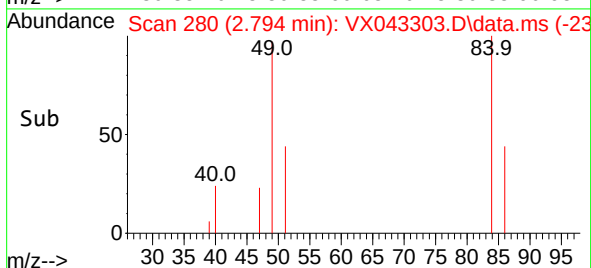
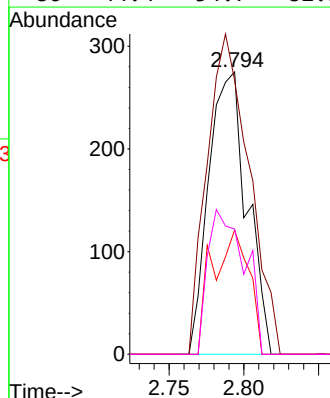
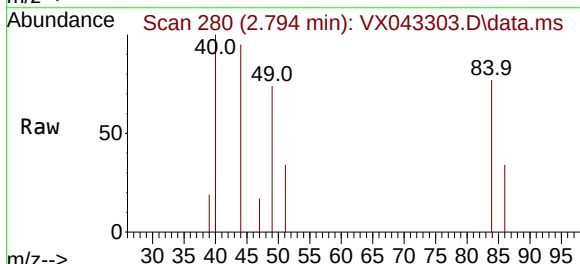
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

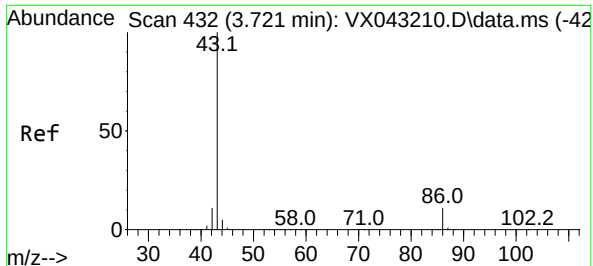
Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#20
Methylene Chloride
Concen: 0.458 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

Tgt Ion: 84 Resp: 490
Ion Ratio Lower Upper
84 100
49 97.1 96.7 145.1
51 44.0 30.4 45.6
86 44.4 54.7 82.1#

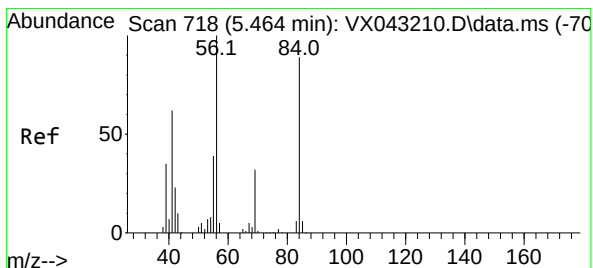
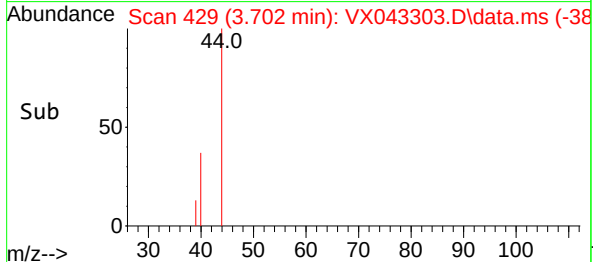
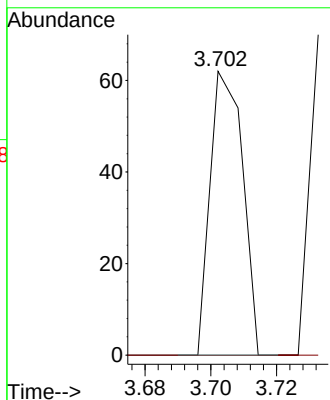
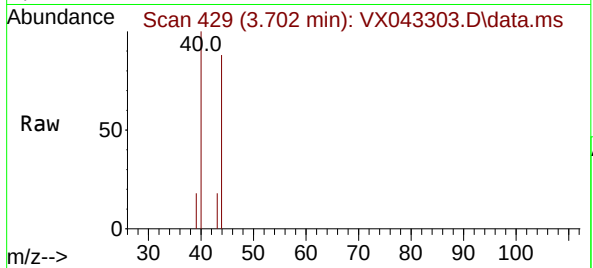




#23
 Vinyl Acetate
 Concen: 6.351 ug/l
 RT: 3.702 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VX043303.D
 Acq: 07 Oct 2024 10:44

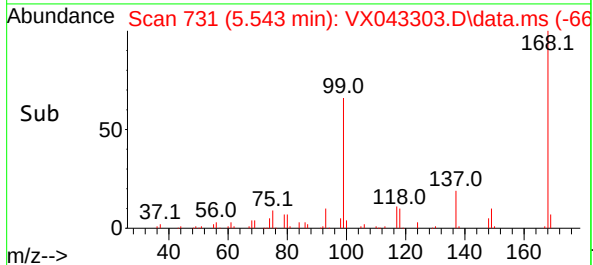
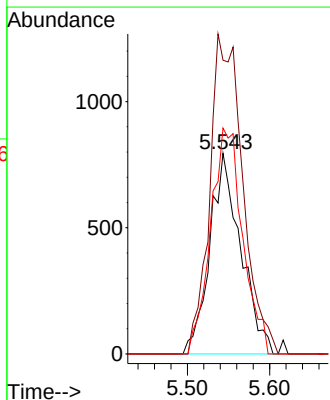
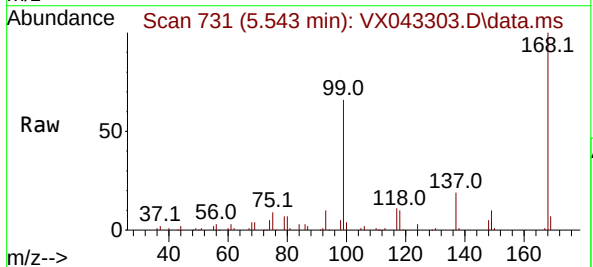
Instrument :
 MSVOA_X
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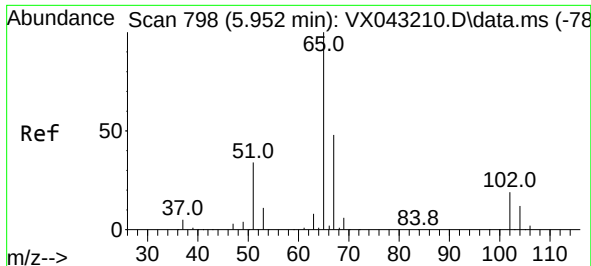
Tgt Ion: 43 Resp: 42
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.387 ug/l
 RT: 5.543 min Scan# 731
 Delta R.T. 0.079 min
 Lab File: VX043303.D
 Acq: 07 Oct 2024 10:44

Tgt Ion: 56 Resp: 2081
 Ion Ratio Lower Upper
 56 100
 69 146.4 25.8 38.6#
 84 112.6 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 50.239 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043303.D

Acq: 07 Oct 2024 10:44

Instrument :

MSVOA_X

ClientSampleId :

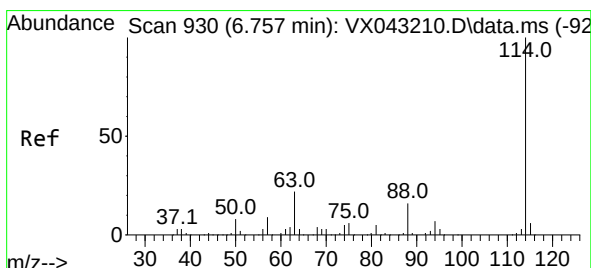
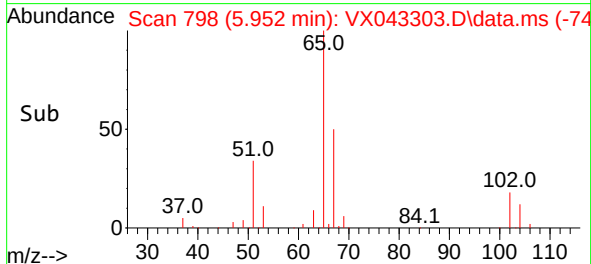
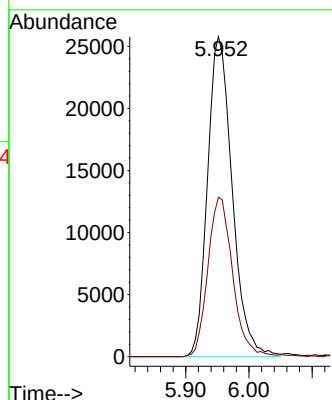
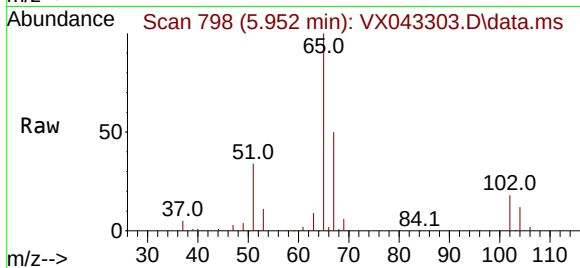
Storage-Blank-SOIL-REF-6

Tgt Ion: 65 Resp: 69861

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043303.D

Acq: 07 Oct 2024 10:44

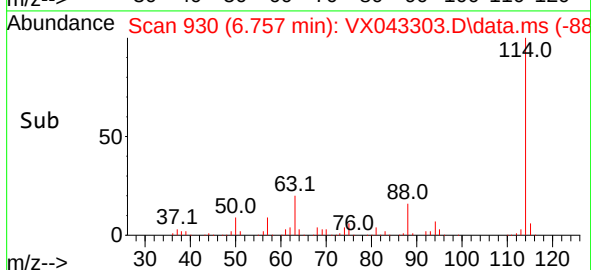
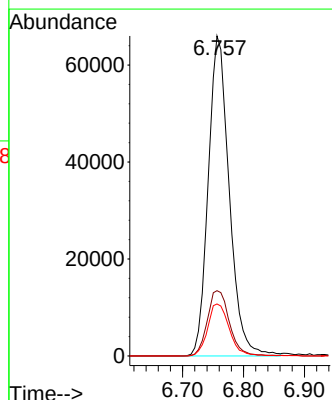
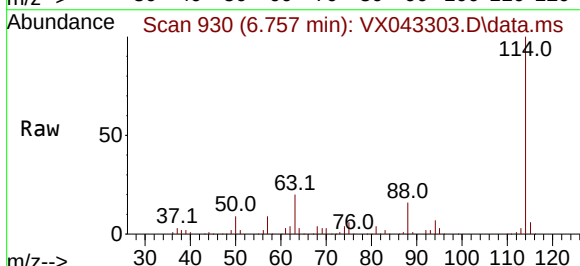
Tgt Ion: 114 Resp: 158147

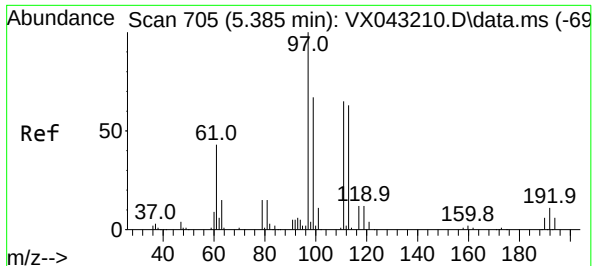
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.0

88 16.3 0.0 33.0

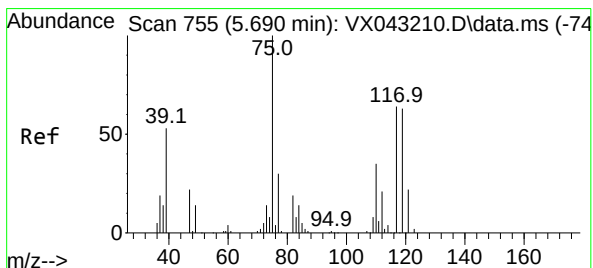
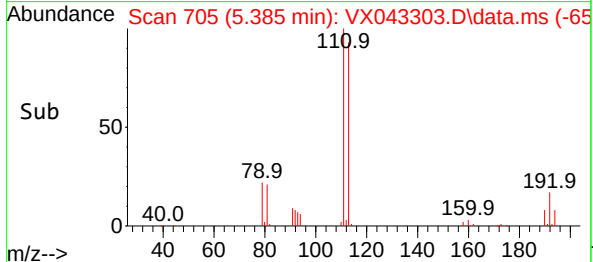
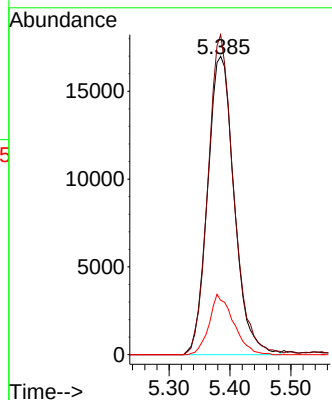
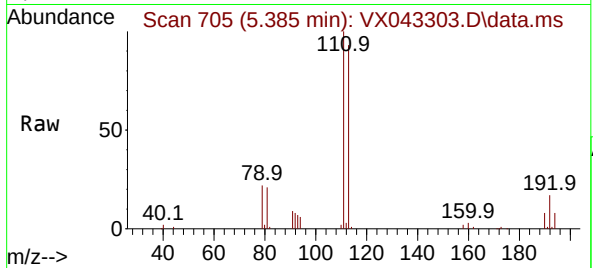




#35
Dibromofluoromethane
Concen: 47.358 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

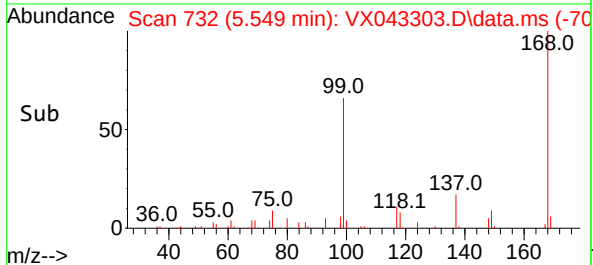
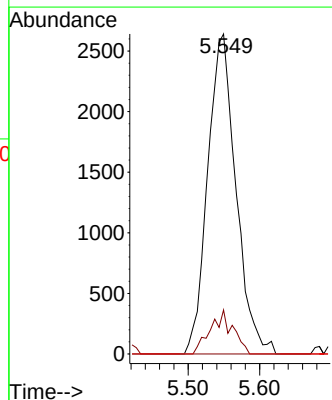
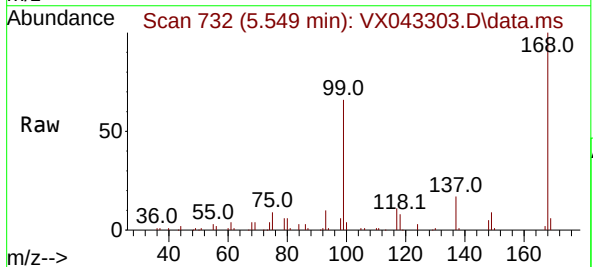
Instrument :
MSVOA_X
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Storage-Blank-SOIL-REF-6

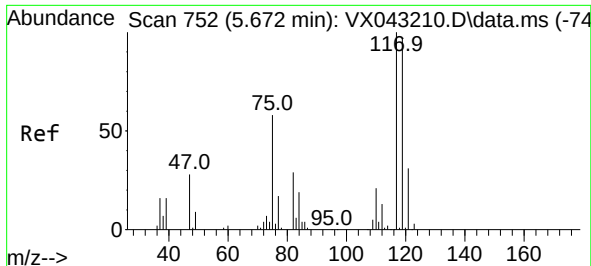
Tgt Ion:113 Resp: 51651
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.0
192 18.5 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.263 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

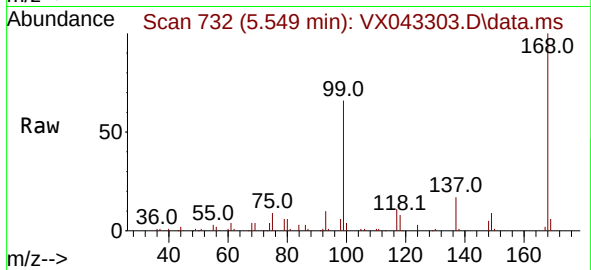
Tgt Ion: 75 Resp: 7252
Ion Ratio Lower Upper
75 100
110 10.9 17.8 53.3#
77 0.0 24.9 37.3#



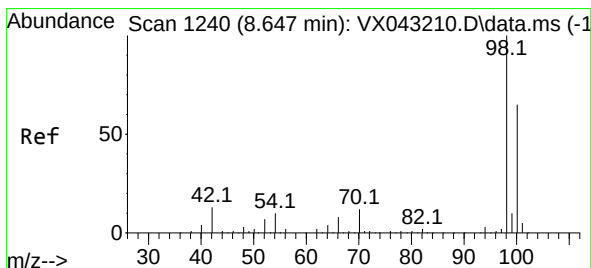
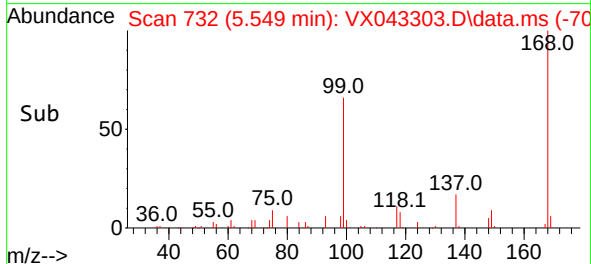
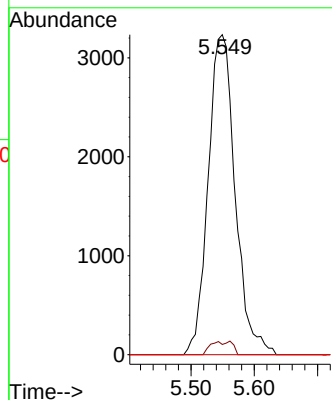


#38
Carbon Tetrachloride
Concen: 5.890 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

Instrument :
MSVOA_X
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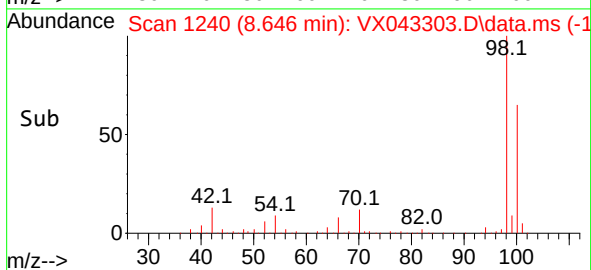
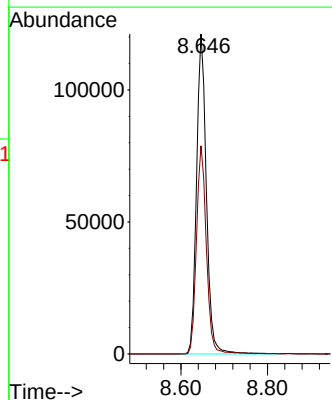
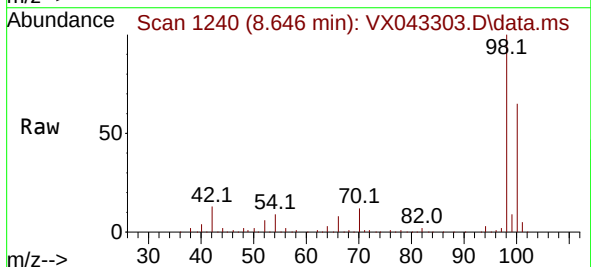


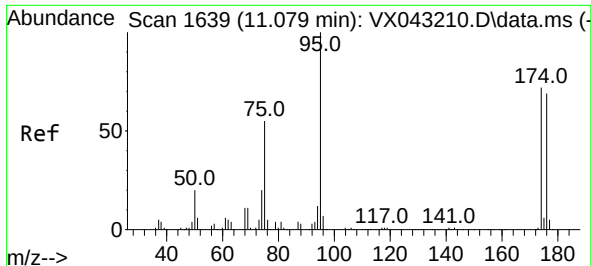
Tgt Ion:117 Resp: 9608
Ion Ratio Lower Upper
117 100
119 3.2 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 50.603 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

Tgt Ion: 98 Resp: 191259
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

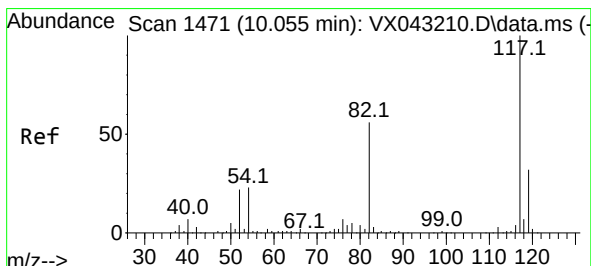
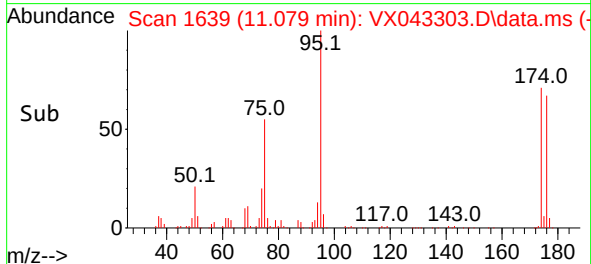
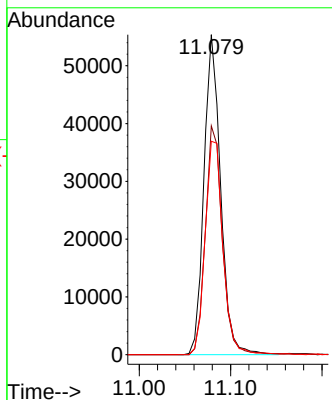
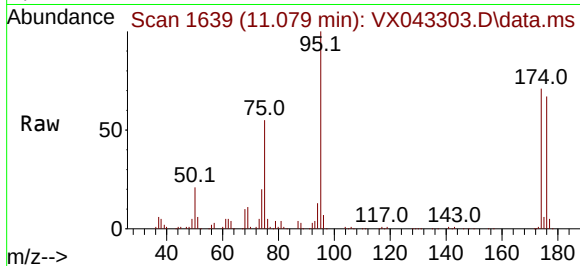




#62
4-Bromofluorobenzene
Concen: 50.948 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

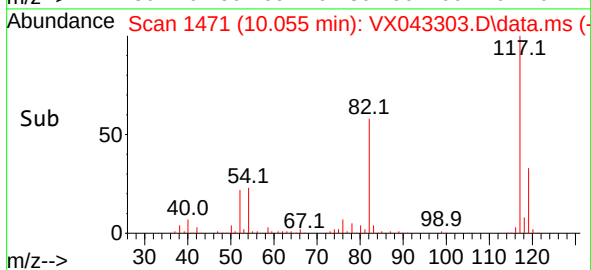
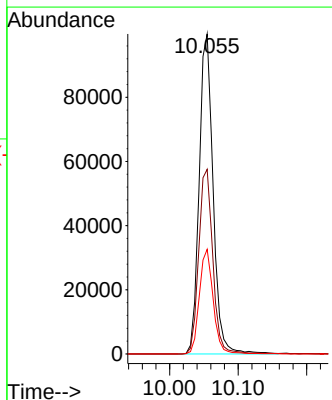
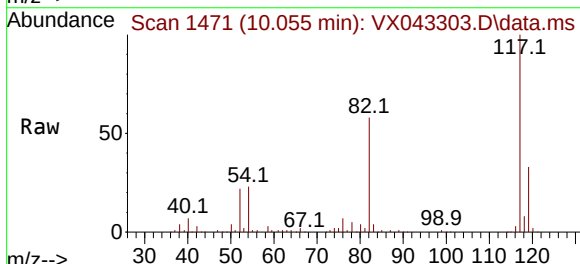
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

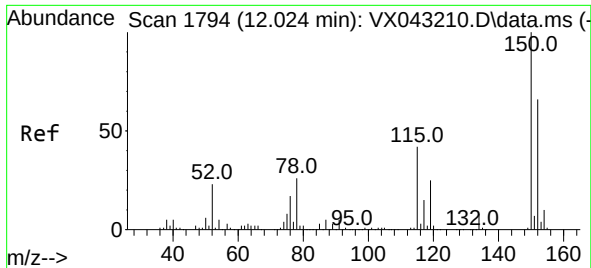
Tgt Ion: 95 Resp: 69956
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.0
176 71.7 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

Tgt Ion: 117 Resp: 141528
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.6
119 32.7 25.3 37.9

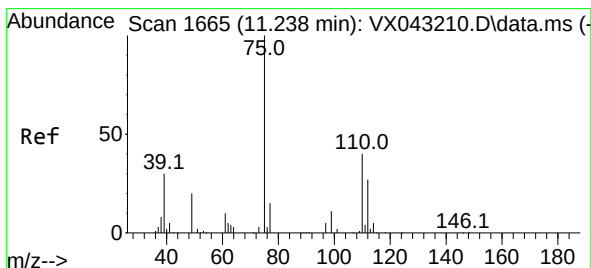
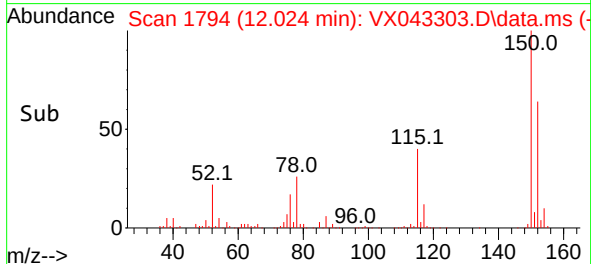
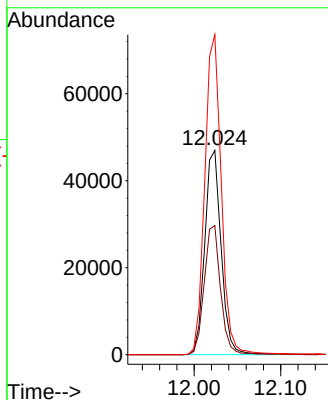
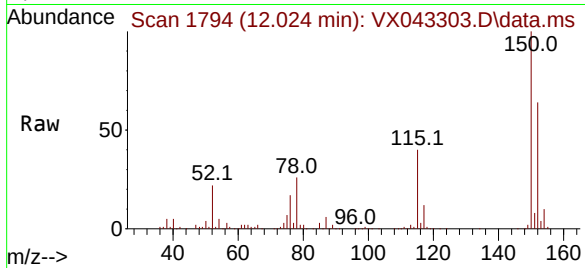




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

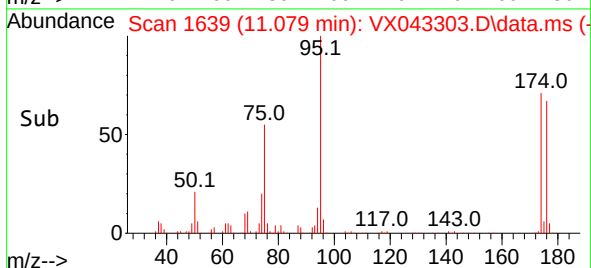
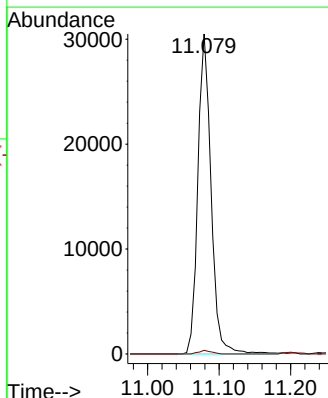
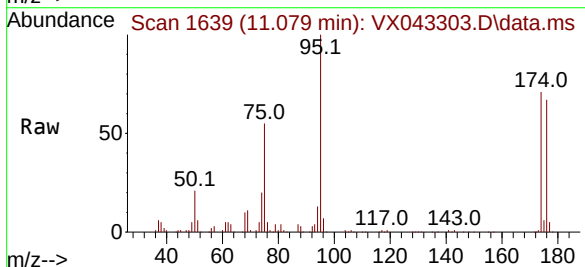
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

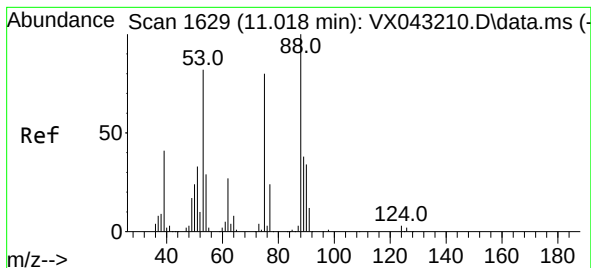
Tgt Ion:152 Resp: 61844
Ion Ratio Lower Upper
152 100
115 63.4 44.1 132.3
150 157.7 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 28.461 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

Tgt Ion: 75 Resp: 39042
Ion Ratio Lower Upper
75 100
77 1.1 22.0 66.0#

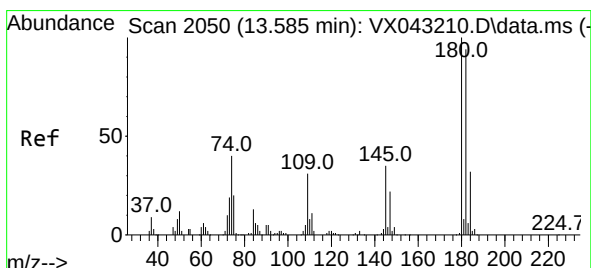
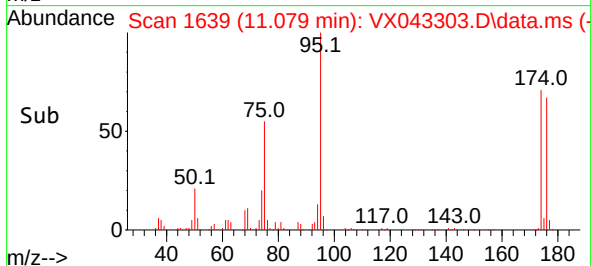
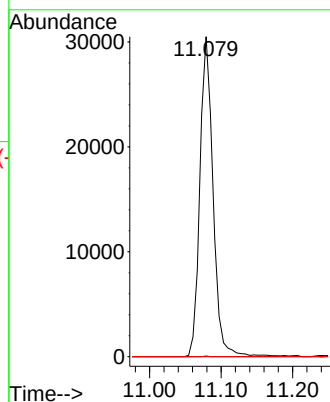
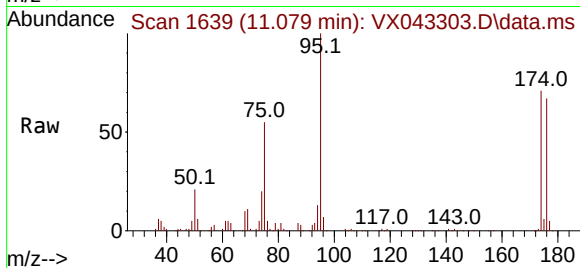




#81
trans-1,4-Dichloro-2-butene
Concen: 73.761 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

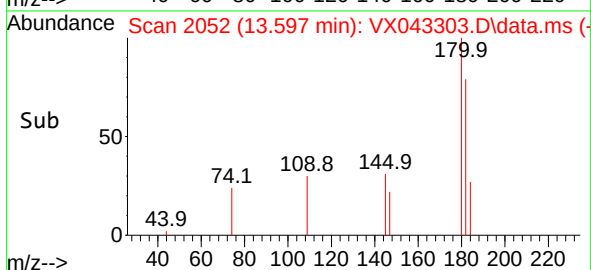
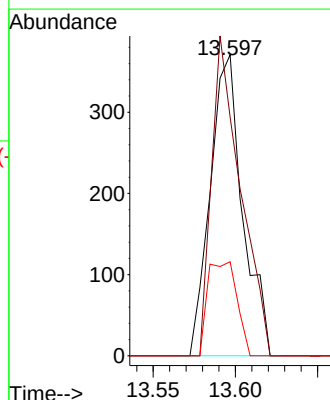
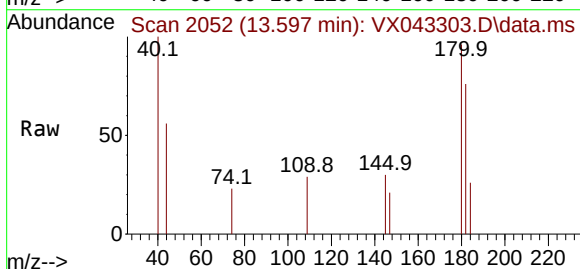
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

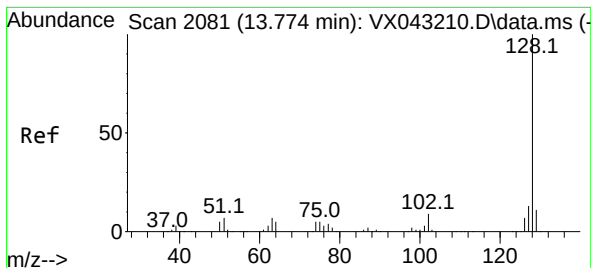
Tgt Ion: 75 Resp: 39042
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.1 38.6 58.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.418 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX043303.D
Acq: 07 Oct 2024 10:44

Tgt Ion:180 Resp: 508
Ion Ratio Lower Upper
180 100
182 94.7 47.1 141.3
145 28.1 16.6 49.8





#95

Naphthalene

Concen: 0.722 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX043303.D

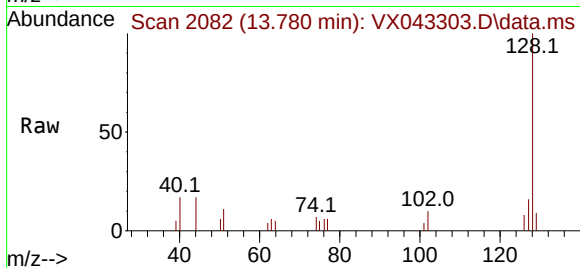
Acq: 07 Oct 2024 10:44

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6



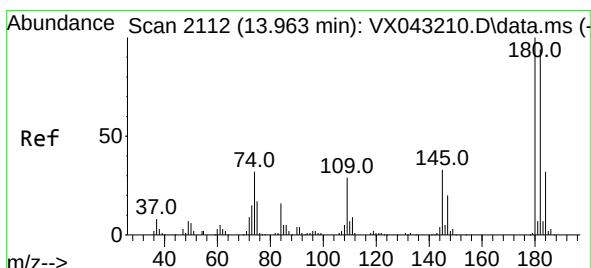
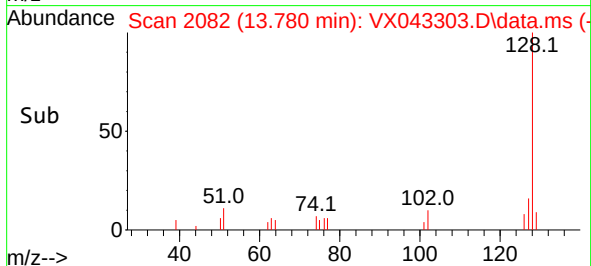
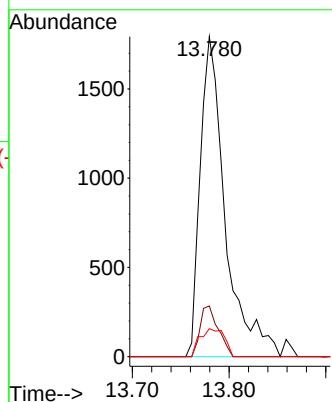
Tgt Ion:128 Resp: 3225

Ion Ratio Lower Upper

128 100

127 11.5 10.2 15.2

129 8.6 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.379 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043303.D

Acq: 07 Oct 2024 10:44

Tgt Ion:180 Resp: 475

Ion Ratio Lower Upper

180 100

182 109.7 46.5 139.3

145 40.4 17.2 51.6

