

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX043984.D
 Acq On : 25 Nov 2024 14:17
 Operator : JC/MD
 Sample : P4886-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 27 07:40:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

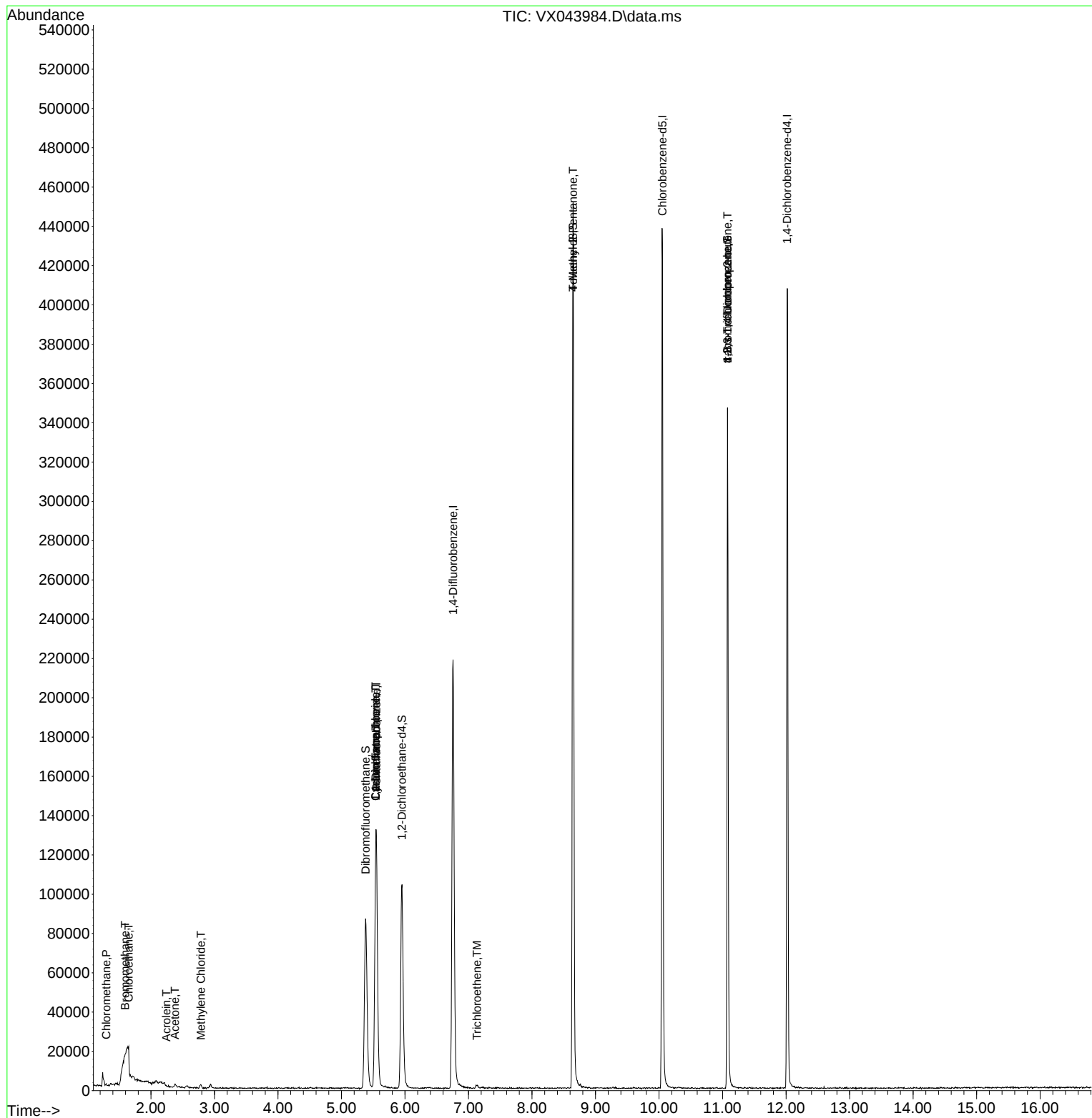
Internal Standards						
1) Pentafluorobenzene	5.550	168	115325	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	219623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101733	51.432	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.860%	
35) Dibromofluoromethane	5.379	113	74017	47.165	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.340%	
50) Toluene-d8	8.647	98	268813	49.692	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	11.079	95	88052	47.827	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.660%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	463	0.301	ug/l #	74
5) Bromomethane	1.593	94	347	0.345	ug/l #	23
6) Chloroethane	1.648	64	647	0.649	ug/l #	71
13) Acrolein	2.239	56	74	0.221	ug/l #	13
16) Acetone	2.379	43	1949	2.145	ug/l #	79
20) Methylene Chloride	2.788	84	741	0.481	ug/l	89
31) Cyclohexane	5.537	56	3420	1.551	ug/l #	49
36) 1,1-Dichloropropene	5.537	75	10801	5.523	ug/l #	47
38) Carbon Tetrachloride	5.537	117	13290	6.048	ug/l #	16
44) Trichloroethene	7.135	130	752	0.436	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1239	0.526	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50145	29.148	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	50145	79.538	ug/l #	6

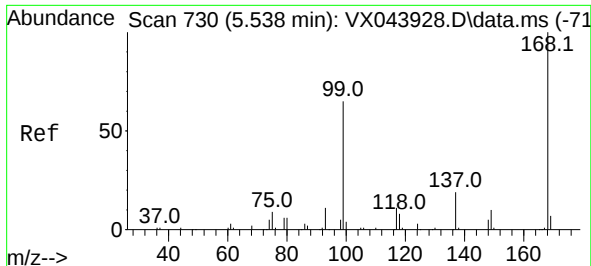
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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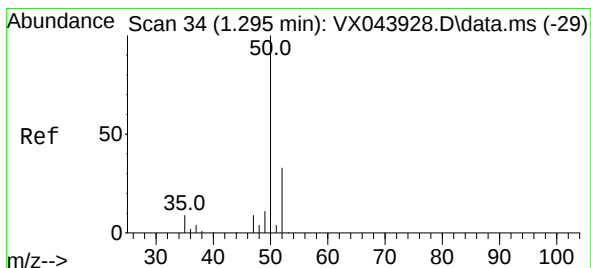
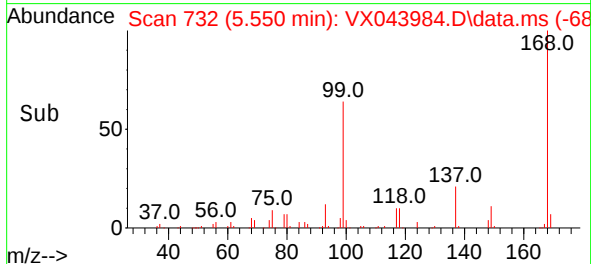
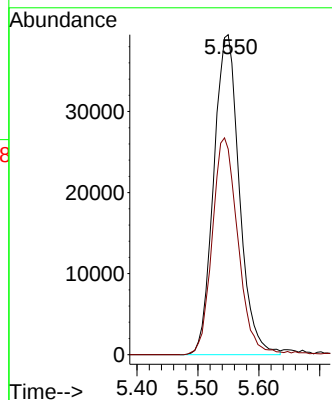
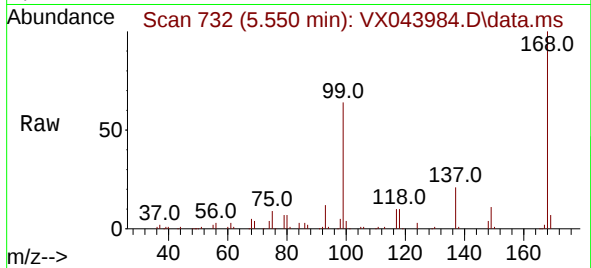




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX043984.D
Acq: 25 Nov 2024 14:17

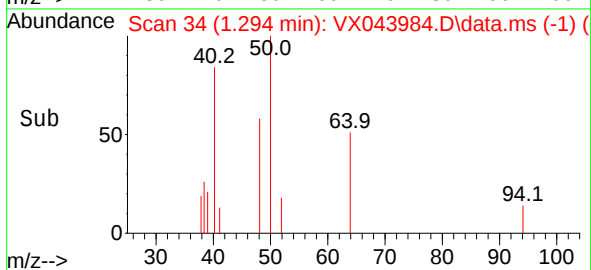
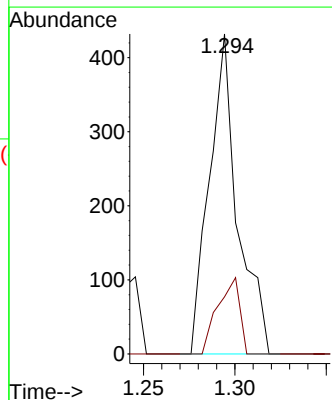
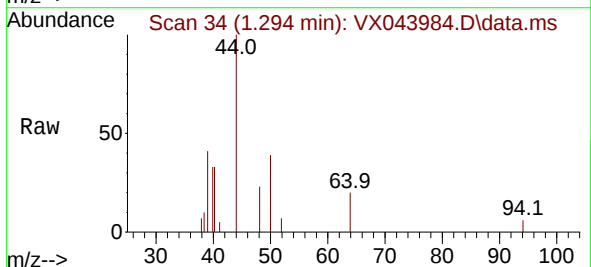
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

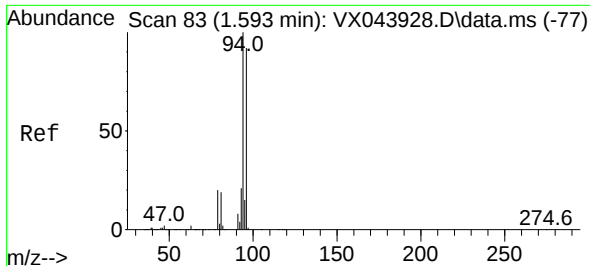
Tgt Ion:168 Resp: 115325
Ion Ratio Lower Upper
168 100
99 64.3 51.8 77.8



#3
Chloromethane
Concen: 0.301 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043984.D
Acq: 25 Nov 2024 14:17

Tgt Ion: 50 Resp: 463
Ion Ratio Lower Upper
50 100
52 17.8 26.1 39.1#

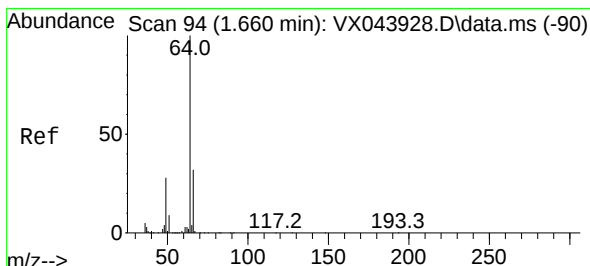
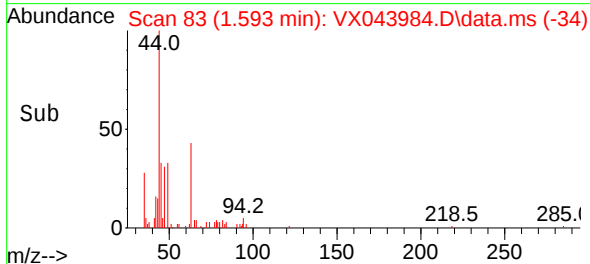
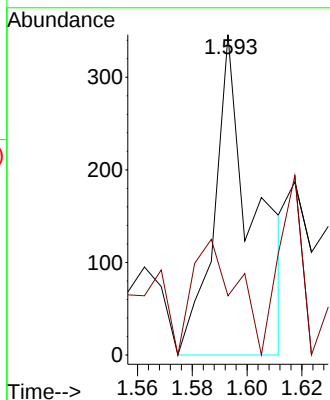
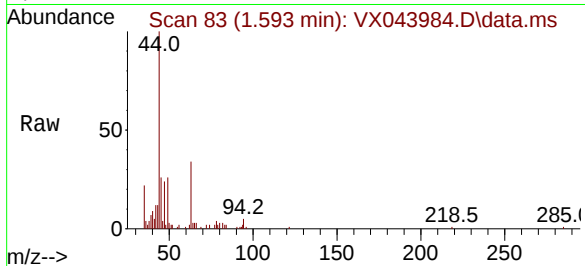




#5
Bromomethane
Concen: 0.345 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX043984.D
Acq: 25 Nov 2024 14:17

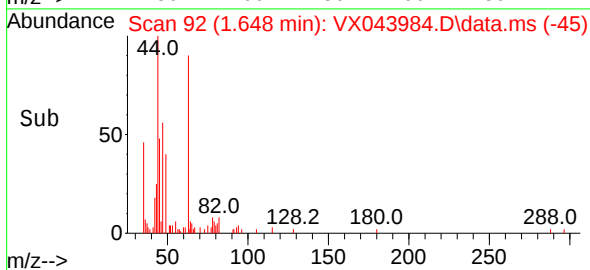
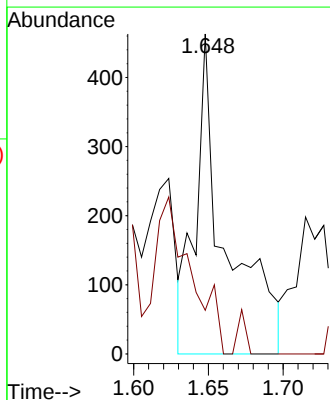
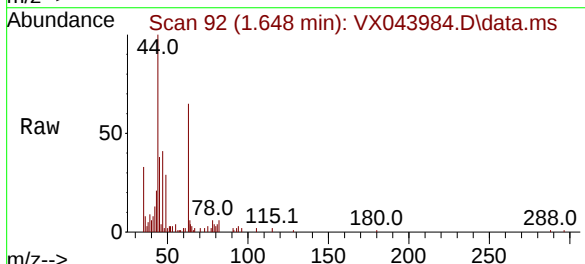
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-SOIL-REF-6

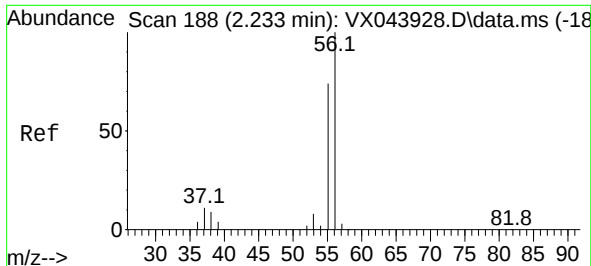
Tgt Ion: 94 Resp: 347
Ion Ratio Lower Upper
94 100
96 18.5 73.9 110.9#



#6
Chloroethane
Concen: 0.649 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.012 min
Lab File: VX043984.D
Acq: 25 Nov 2024 14:17

Tgt Ion: 64 Resp: 647
Ion Ratio Lower Upper
64 100
66 16.2 25.9 38.9#





#13

Acrolein

Concen: 0.221 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043984.D

Acq: 25 Nov 2024 14:17

Instrument :

MSVOA_X

ClientSampleId :

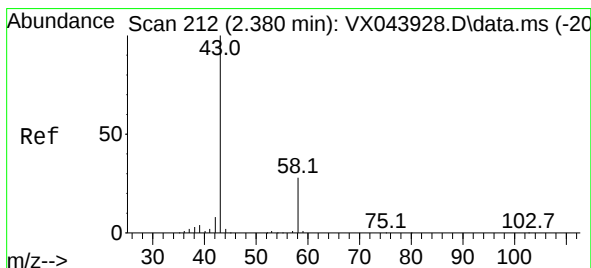
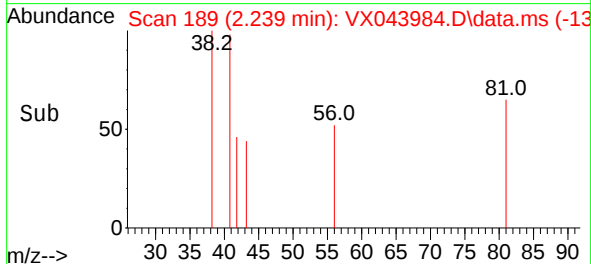
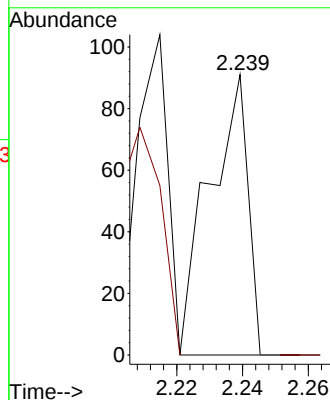
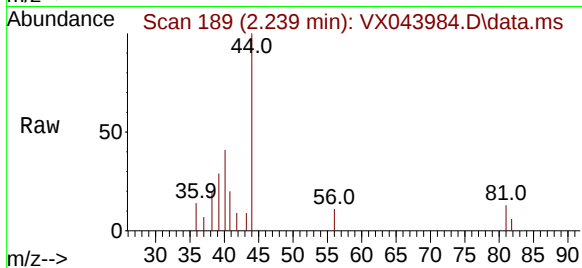
Storage-Blank-SOIL-REF-6

Tgt Ion: 56 Resp: 74

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.2#



#16

Acetone

Concen: 2.145 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043984.D

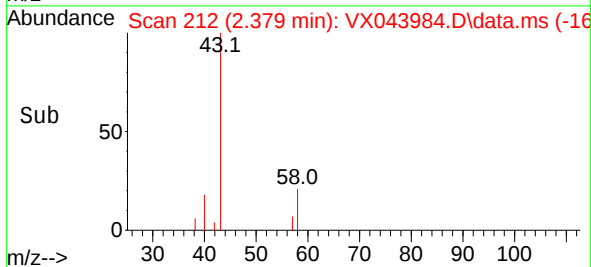
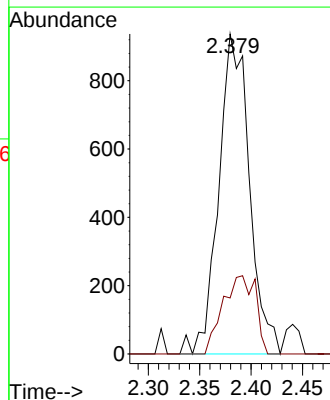
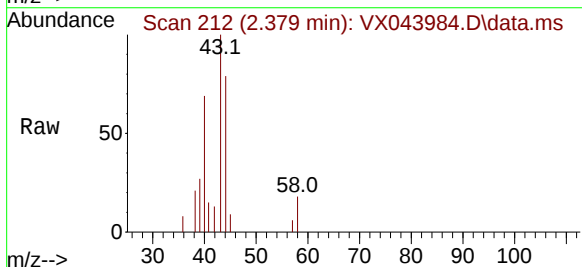
Acq: 25 Nov 2024 14:17

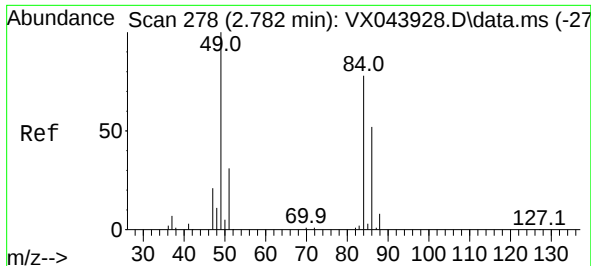
Tgt Ion: 43 Resp: 1949

Ion Ratio Lower Upper

43 100

58 17.5 22.7 34.1#





#20

Methylene Chloride

Concen: 0.481 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX043984.D

Acq: 25 Nov 2024 14:17

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

Tgt Ion: 84 Resp: 741

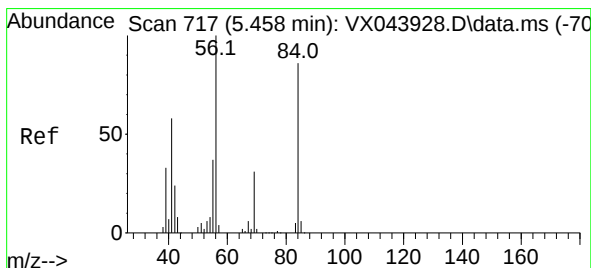
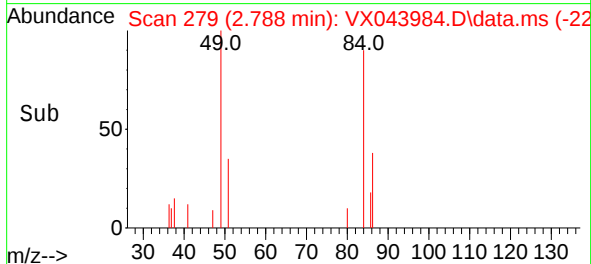
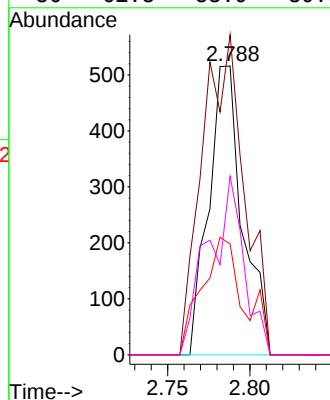
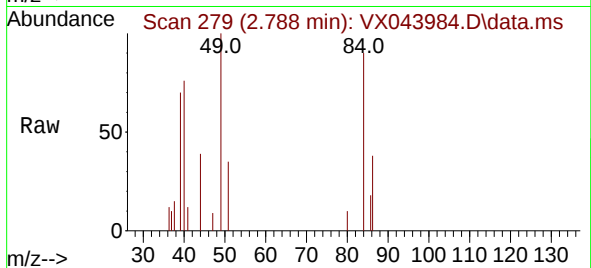
Ion Ratio Lower Upper

84 100

49 110.9 102.7 154.1

51 38.4 31.7 47.5

86 61.8 53.9 80.9



#31

Cyclohexane

Concen: 1.551 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.079 min

Lab File: VX043984.D

Acq: 25 Nov 2024 14:17

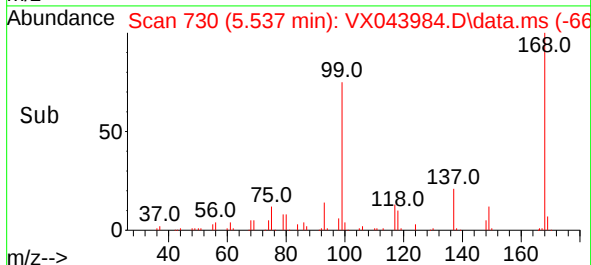
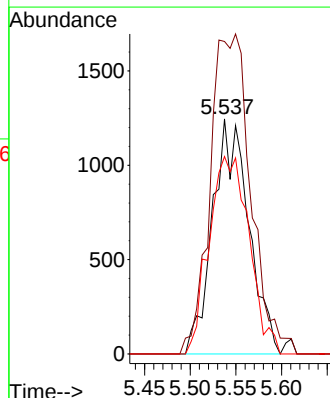
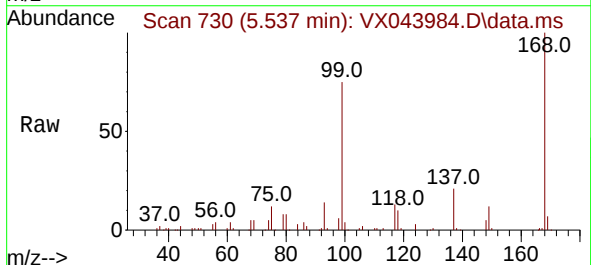
Tgt Ion: 56 Resp: 3420

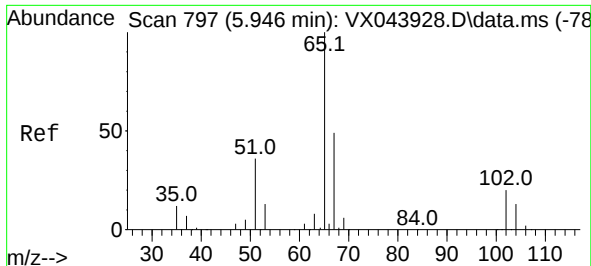
Ion Ratio Lower Upper

56 100

69 132.9 24.7 37.1#

84 83.9 68.7 103.1





#33

1,2-Dichloroethane-d4

Concen: 51.432 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043984.D

Acq: 25 Nov 2024 14:17

Instrument :

MSVOA_X

ClientSampleId :

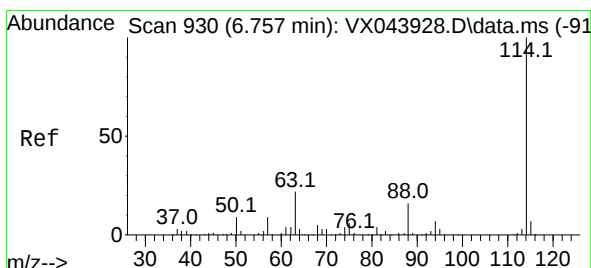
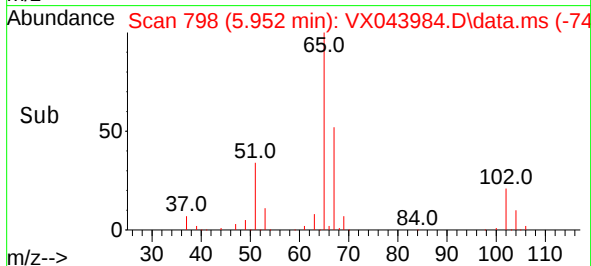
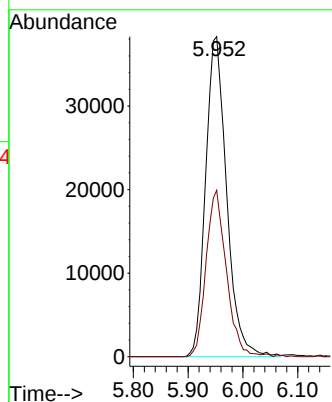
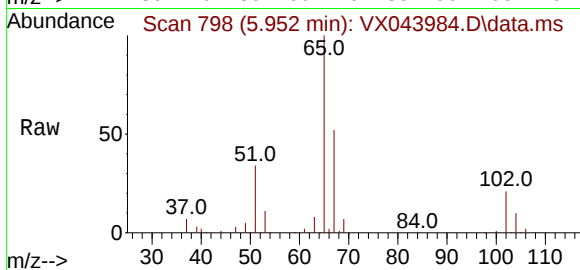
Storage-Blank-SOIL-REF-6

Tgt Ion: 65 Resp: 101733

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043984.D

Acq: 25 Nov 2024 14:17

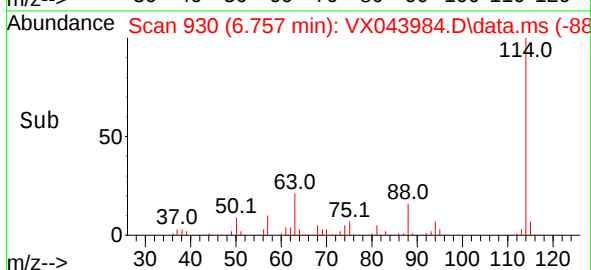
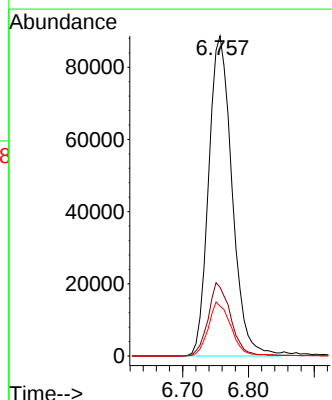
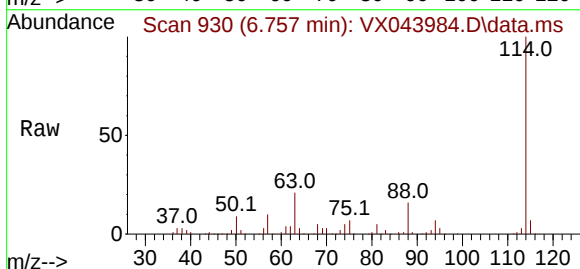
Tgt Ion: 114 Resp: 219623

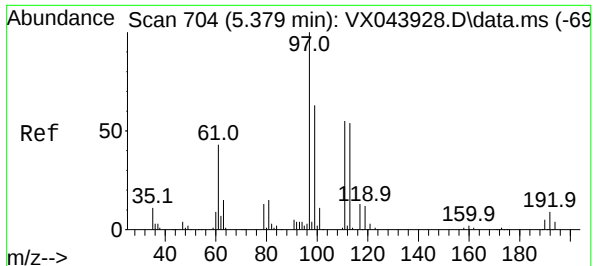
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.0

88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.165 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043984.D

Acq: 25 Nov 2024 14:17

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

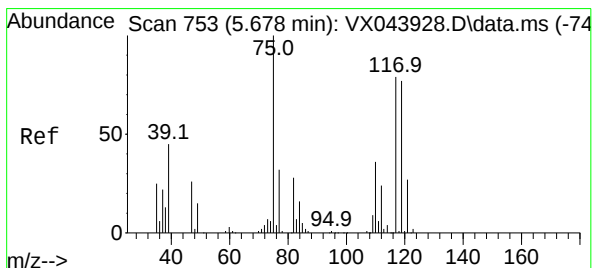
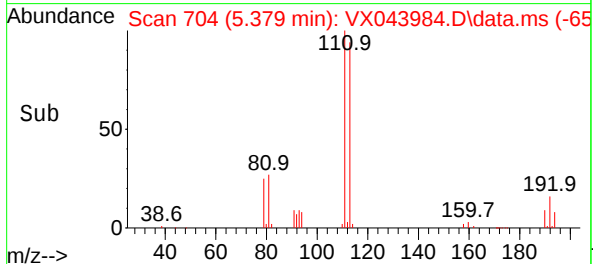
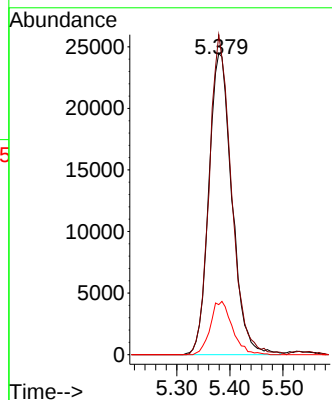
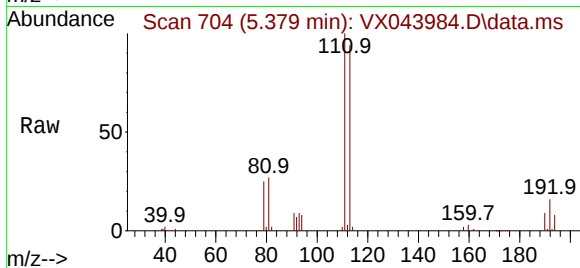
Tgt Ion:113 Resp: 74017

Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.4

192 16.9 13.0 19.6



#36

1,1-Dichloropropene

Concen: 5.523 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.141 min

Lab File: VX043984.D

Acq: 25 Nov 2024 14:17

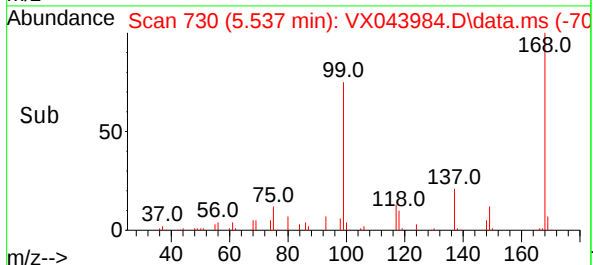
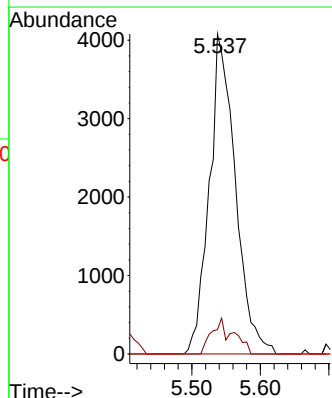
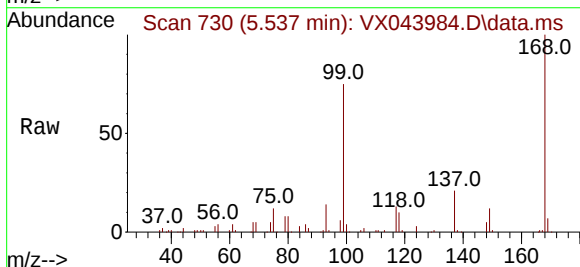
Tgt Ion: 75 Resp: 10801

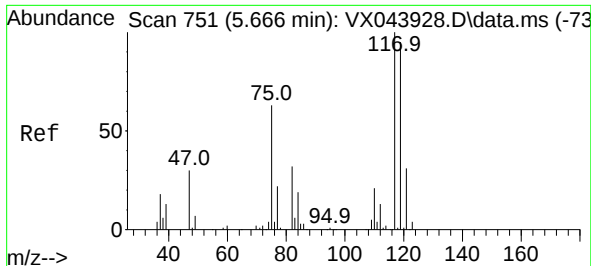
Ion Ratio Lower Upper

75 100

110 6.4 17.4 52.2#

77 0.0 25.8 38.8#





#38

Carbon Tetrachloride

Concen: 6.048 ug/l

RT: 5.537 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX043984.D

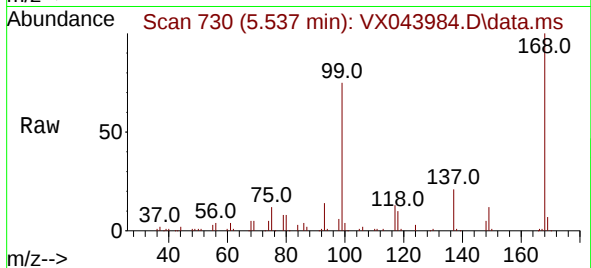
Acq: 25 Nov 2024 14:17

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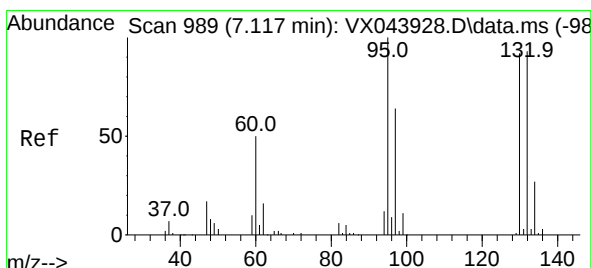
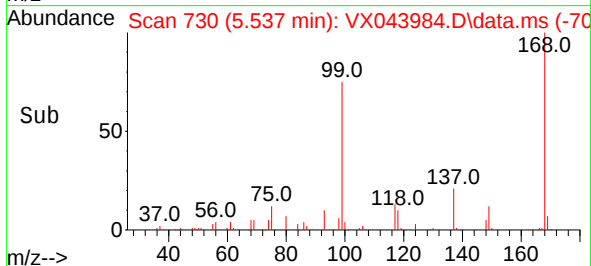
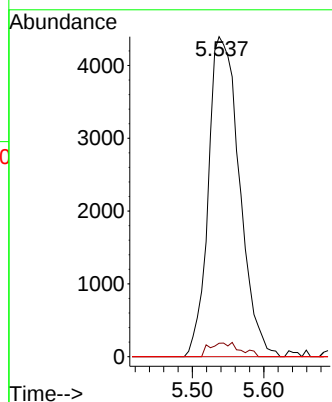
Tgt Ion:117 Resp: 13290

Ion Ratio Lower Upper

117 100

119 4.2 75.2 112.8#

121 0.0 24.5 36.7#



#44

Trichloroethene

Concen: 0.436 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.018 min

Lab File: VX043984.D

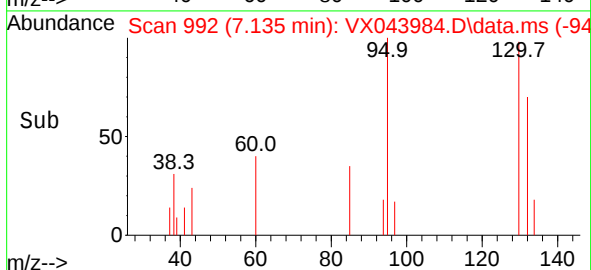
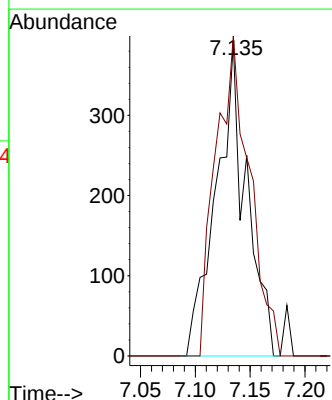
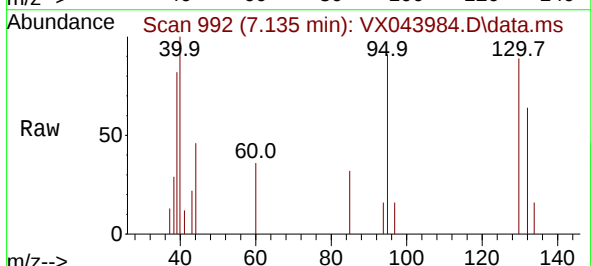
Acq: 25 Nov 2024 14:17

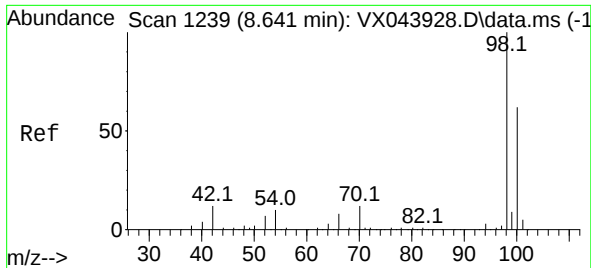
Tgt Ion:130 Resp: 752

Ion Ratio Lower Upper

130 100

95 102.0 0.0 217.8

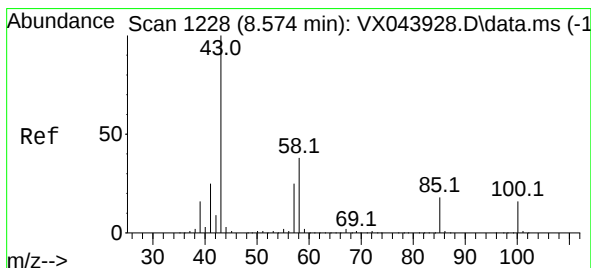
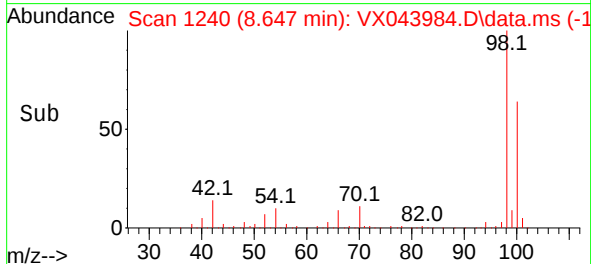
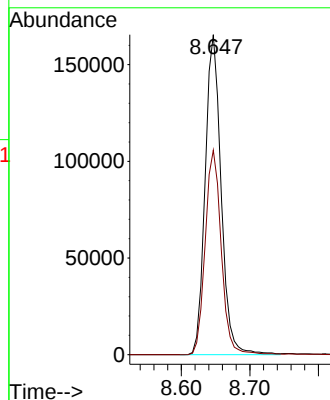
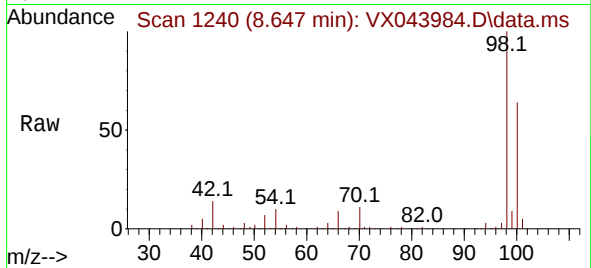




#50
Toluene-d8
Concen: 49.692 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043984.D
Acq: 25 Nov 2024 14:17

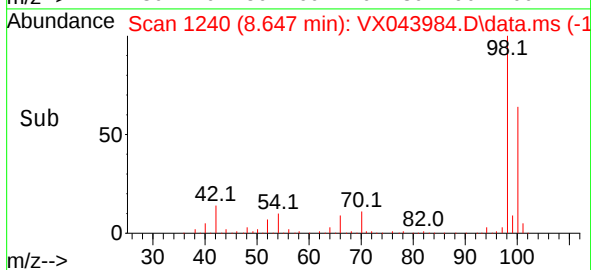
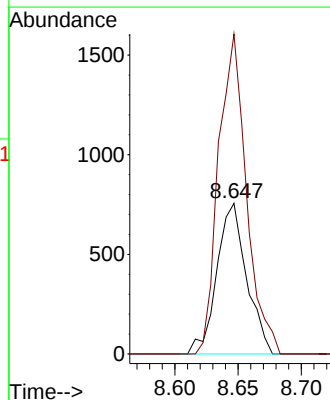
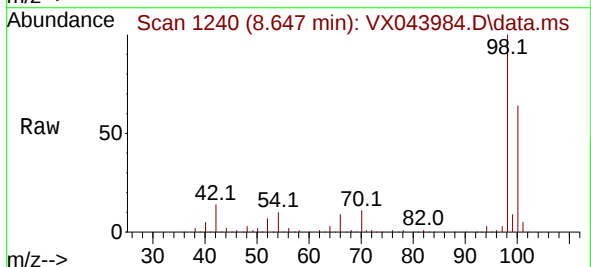
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

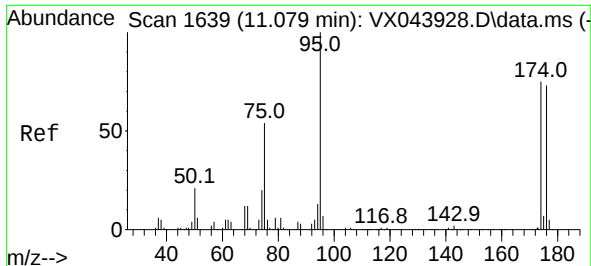
Tgt Ion: 98 Resp: 268813
Ion Ratio Lower Upper
98 100
100 64.3 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.526 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043984.D
Acq: 25 Nov 2024 14:17

Tgt Ion: 43 Resp: 1239
Ion Ratio Lower Upper
43 100
58 198.4 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 47.827 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043984.D

Acq: 25 Nov 2024 14:17

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

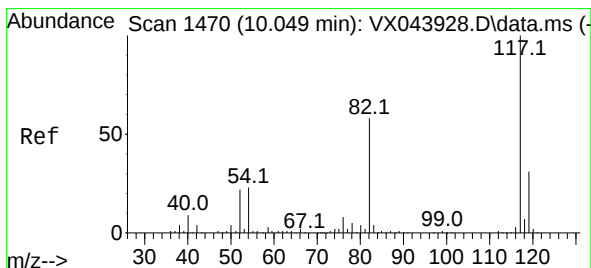
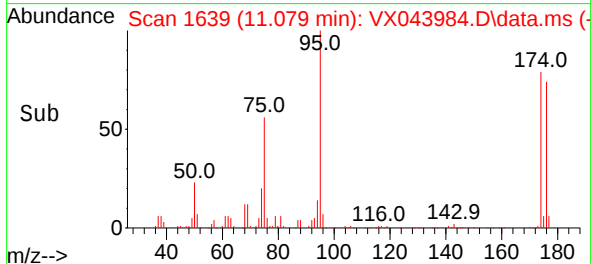
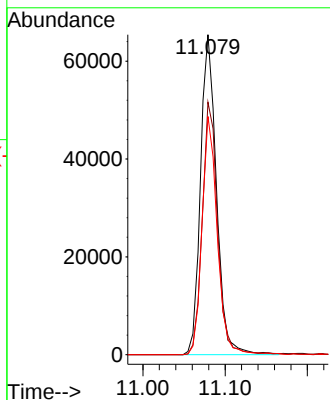
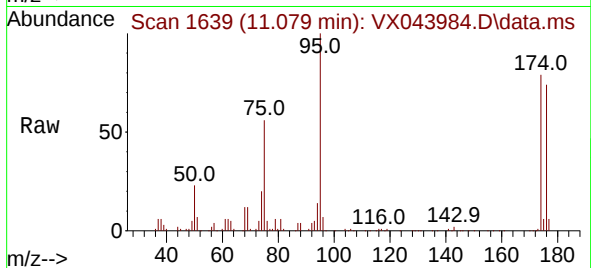
Tgt Ion: 95 Resp: 88052

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.4

176 71.3 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX043984.D

Acq: 25 Nov 2024 14:17

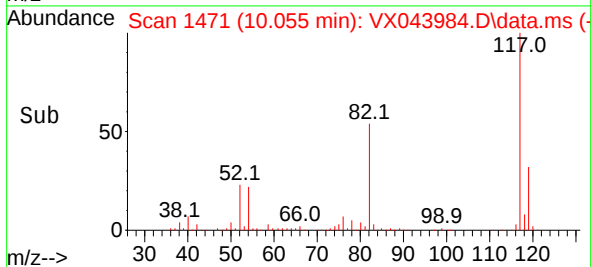
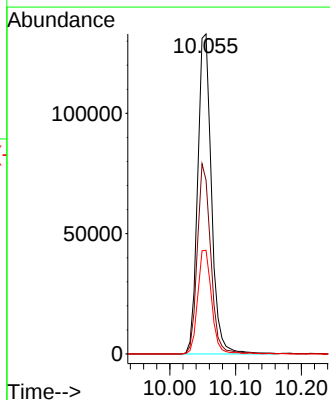
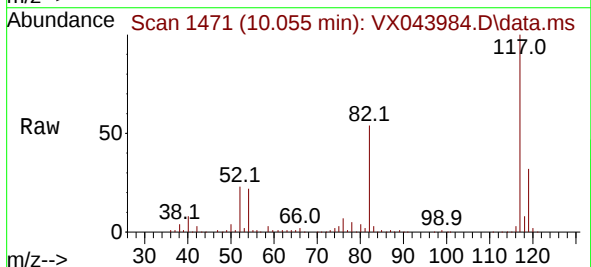
Tgt Ion: 117 Resp: 194128

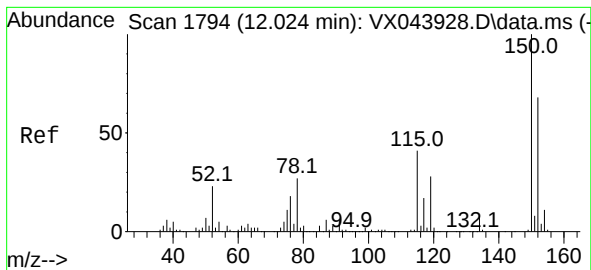
Ion Ratio Lower Upper

117 100

82 54.3 46.4 69.6

119 32.4 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX043984.D

Acq: 25 Nov 2024 14:17

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

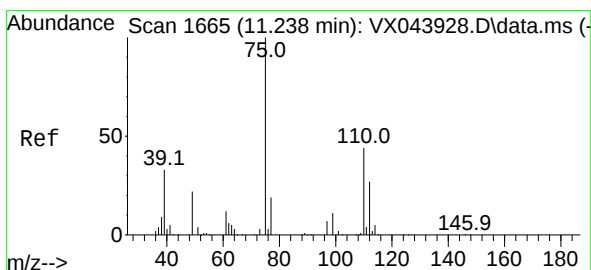
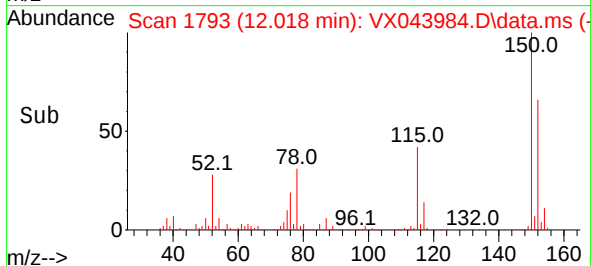
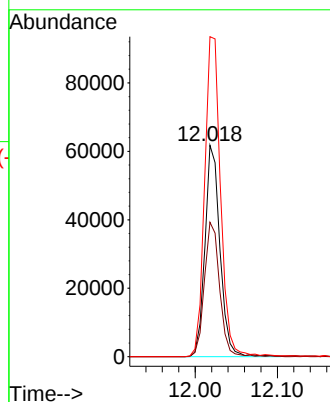
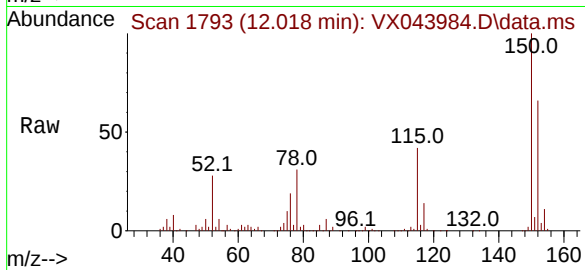
Tgt Ion:152 Resp: 78448

Ion Ratio Lower Upper

152 100

115 64.6 45.4 136.2

150 161.1 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 29.148 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043984.D

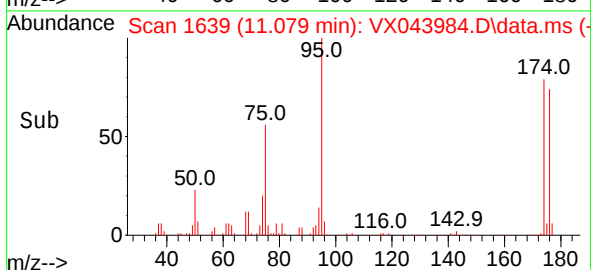
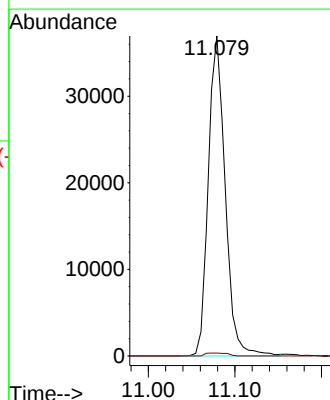
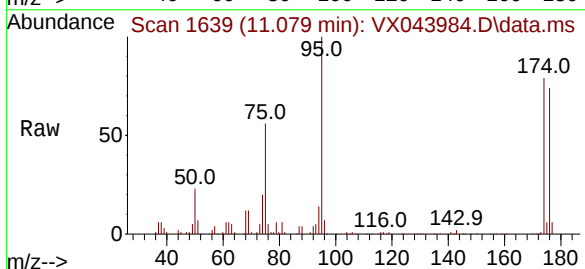
Acq: 25 Nov 2024 14:17

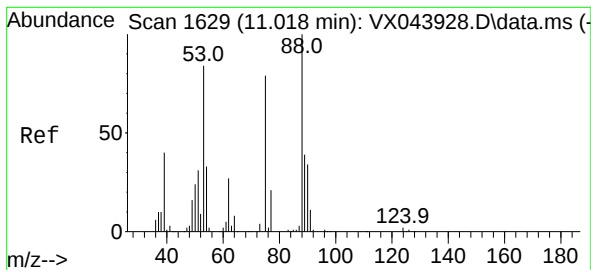
Tgt Ion: 75 Resp: 50145

Ion Ratio Lower Upper

75 100

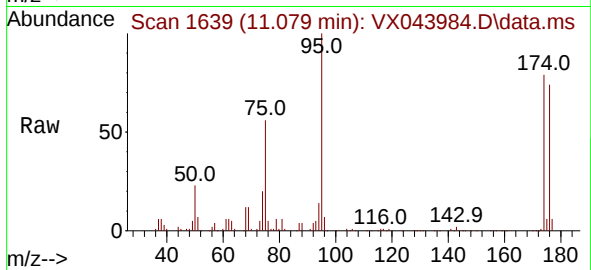
77 1.2 21.8 65.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.538 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043984.D
Acq: 25 Nov 2024 14:17

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



Tgt Ion: 75 Resp: 50145
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#

