

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025321.D
 Acq On : 24 Nov 2021 13:05
 Operator : JC/MD
 Sample : M4784-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 26 10:33:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

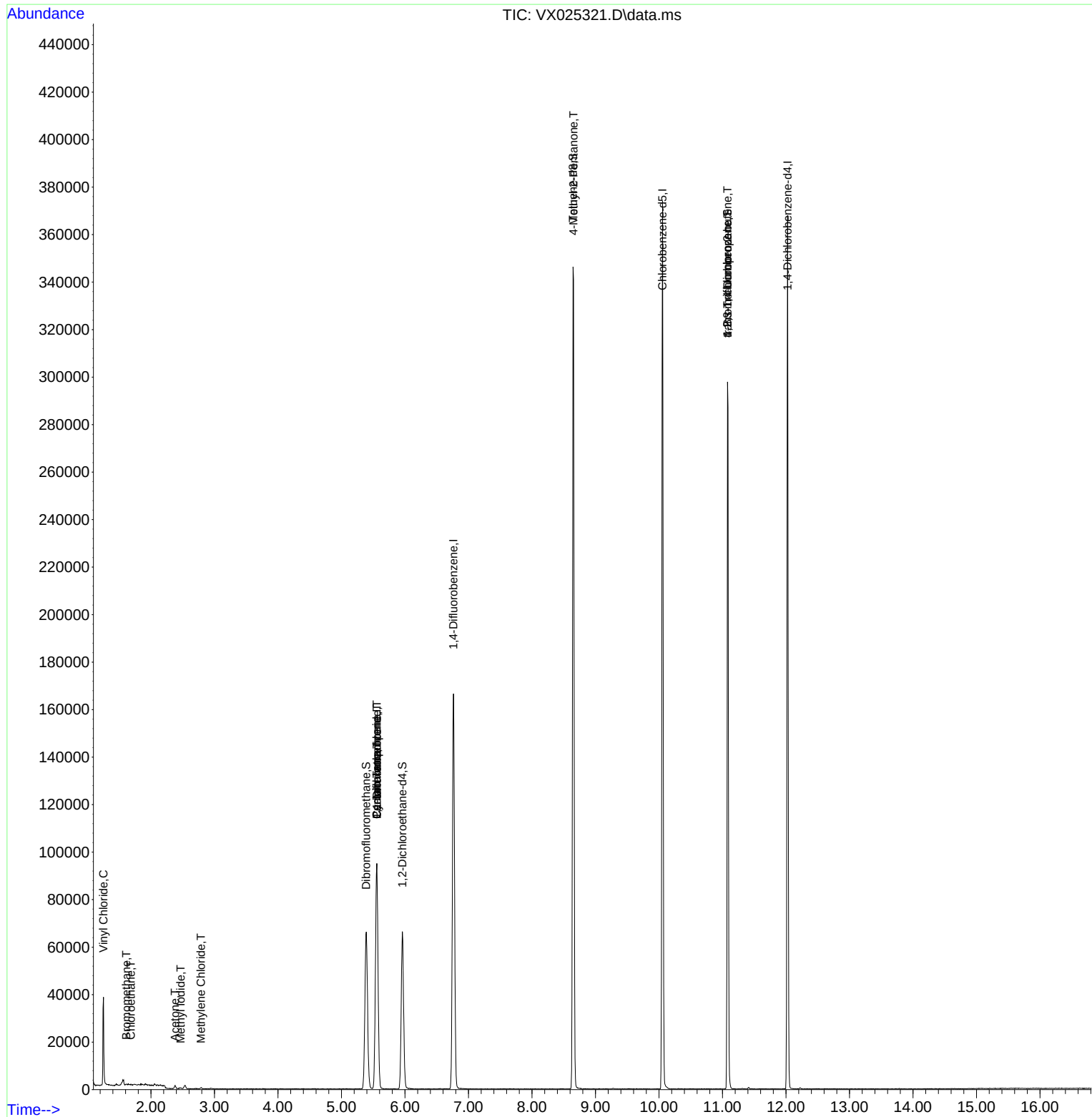
Internal Standards						
1) Pentafluorobenzene	5.556	168	96945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60134	58.847	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.700%#	
35) Dibromofluoromethane	5.385	113	57756	52.566	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.140%	
50) Toluene-d8	8.647	98	211144	51.111	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	11.079	95	80701	51.638	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.280%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.252	62	329	0.288	ug/l #	1
5) Bromomethane	1.612	94	281	0.572	ug/l	96
6) Chloroethane	1.685	64	227	0.288	ug/l #	43
10) Methyl Iodide	2.465	142	391	0.347	ug/l #	80
11) Tert butyl alcohol	2.941	59	159	Below Cal	#	72
16) Acetone	2.380	43	1357	2.390	ug/l	92
20) Methylene Chloride	2.788	84	238	0.223	ug/l #	79
31) Cyclohexane	5.556	56	1785	1.130	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	6563	4.201	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9137	5.310	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	922	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38766	24.426	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38766	61.534	ug/l #	9
95) Naphthalene	13.780	128	227	Below Cal	#	69

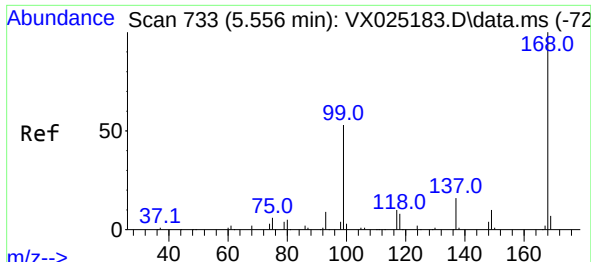
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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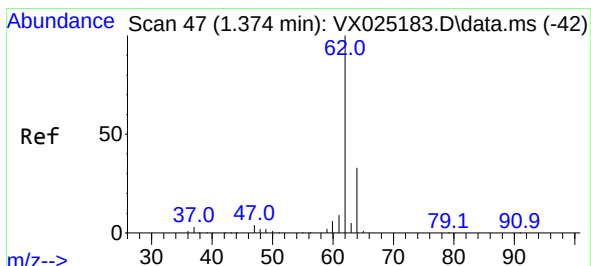
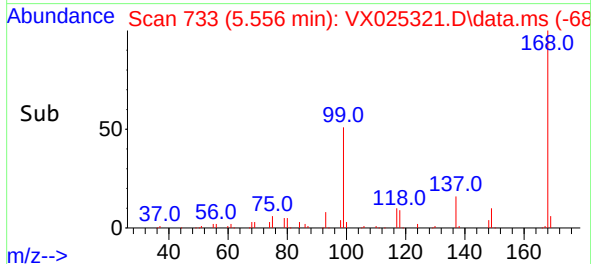
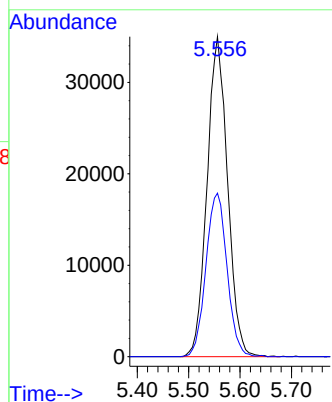
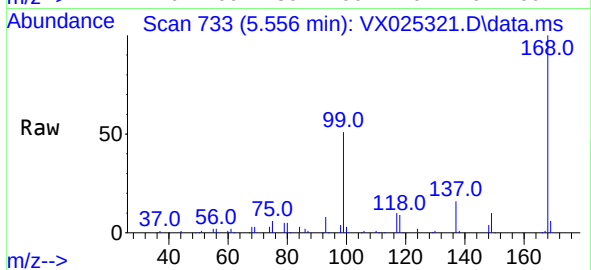




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

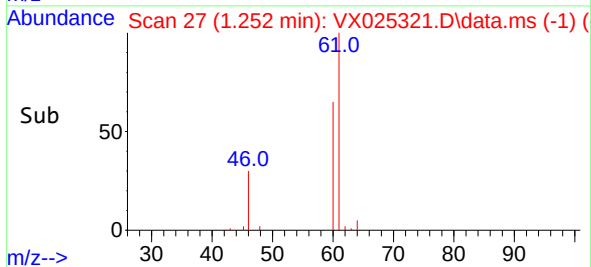
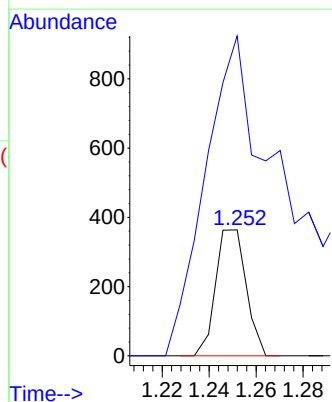
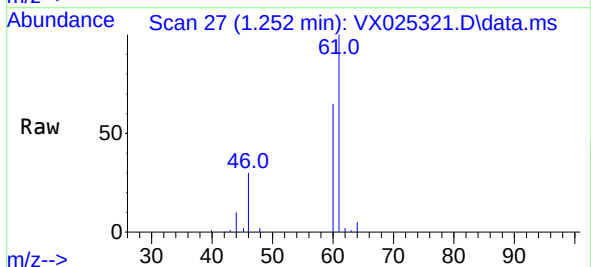
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

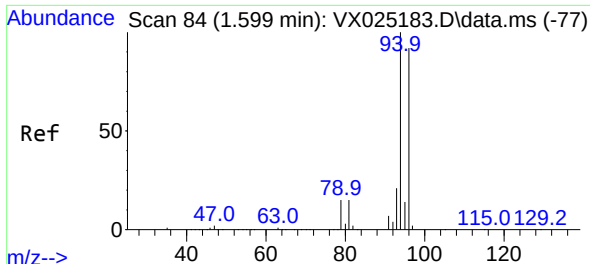
Tgt Ion:168 Resp: 96945
Ion Ratio Lower Upper
168 100
99 51.1 46.4 69.6



#4
Vinyl Chloride
Concen: 0.288 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.122 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

Tgt Ion: 62 Resp: 329
Ion Ratio Lower Upper
62 100
64 213.7 26.0 39.0#

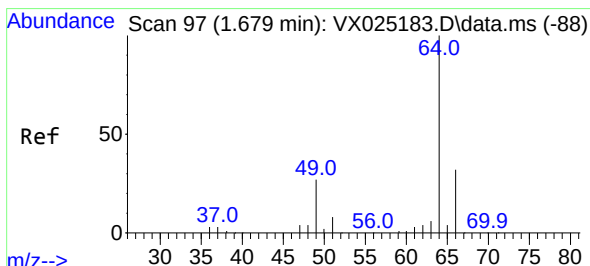
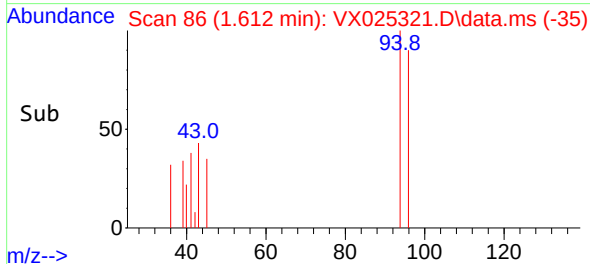
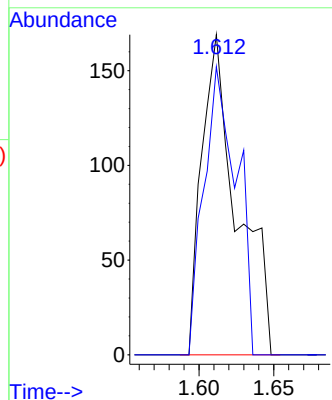
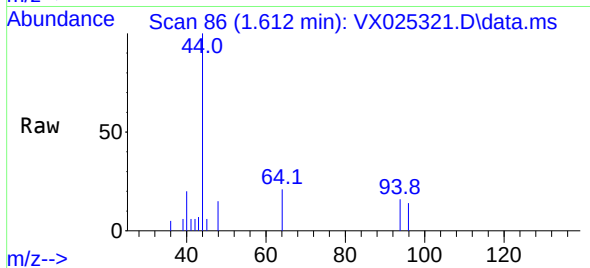




#5
Bromomethane
Concen: 0.572 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

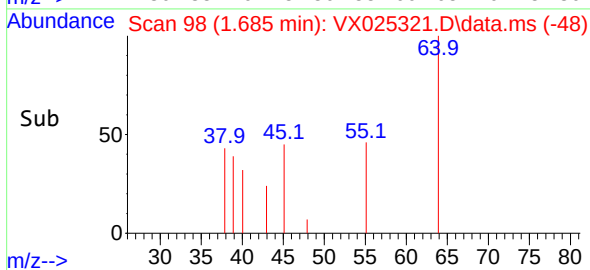
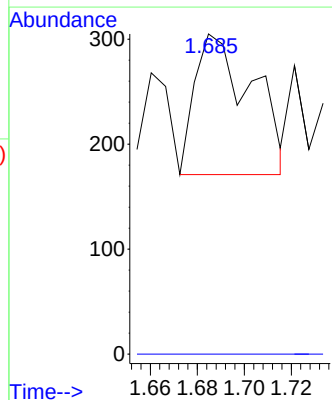
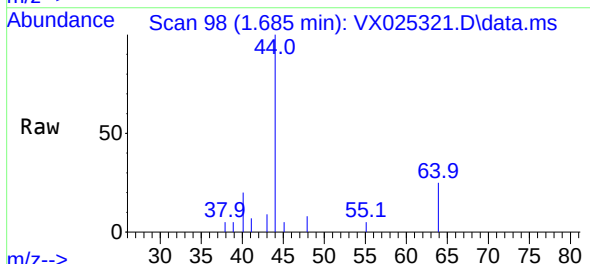
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

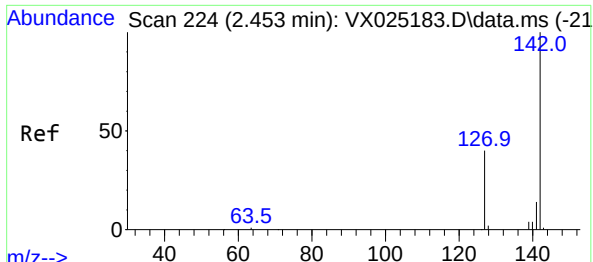
Tgt Ion: 94 Resp: 281
Ion Ratio Lower Upper
94 100
96 89.9 74.8 112.2



#6
Chloroethane
Concen: 0.288 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

Tgt Ion: 64 Resp: 227
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#

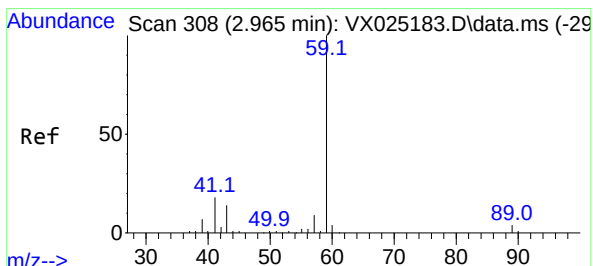
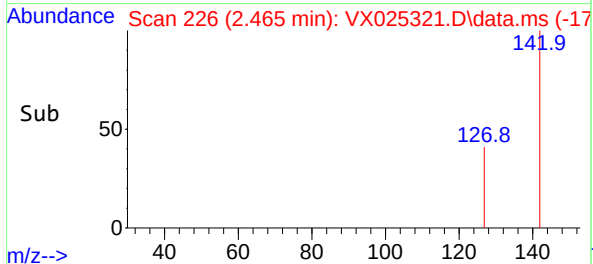
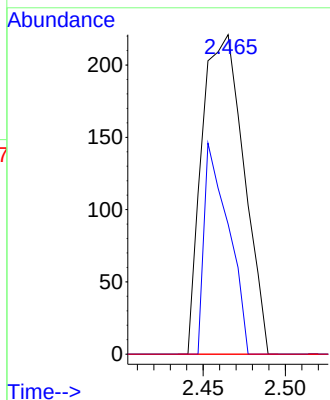
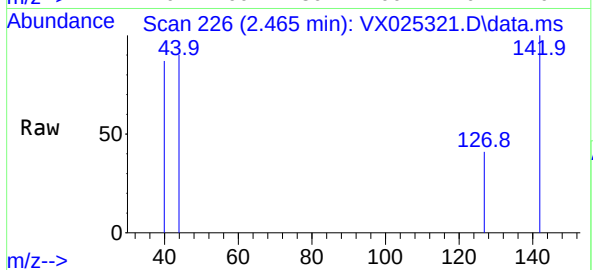




#10
Methyl Iodide
Concen: 0.347 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

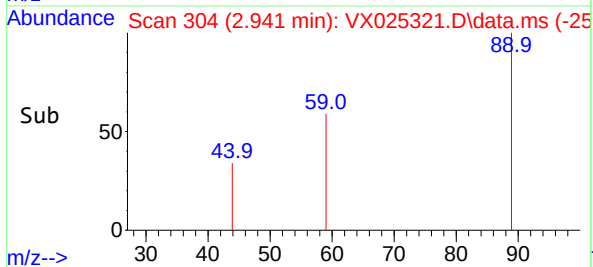
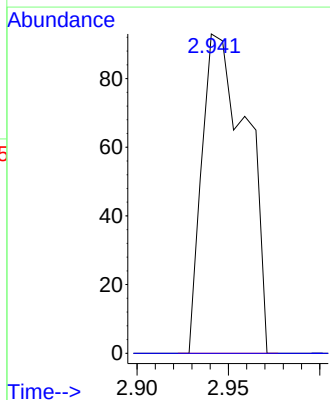
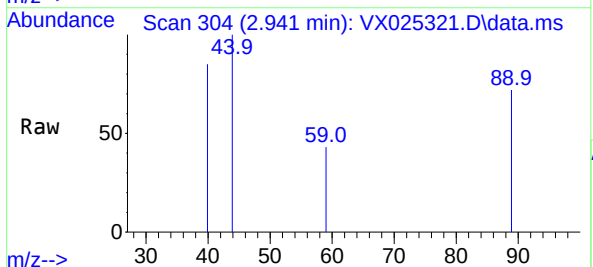
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

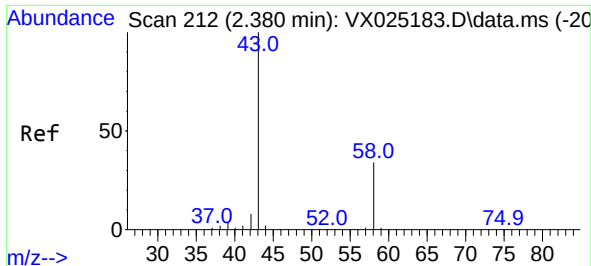
Tgt Ion:142 Resp: 391
Ion Ratio Lower Upper
142 100
127 38.4 38.9 58.3#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

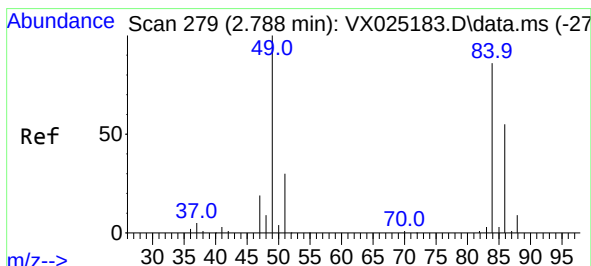
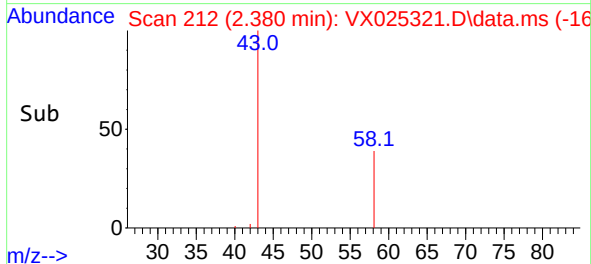
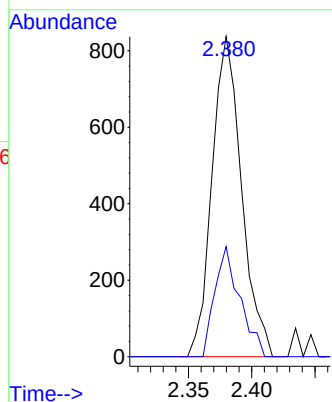
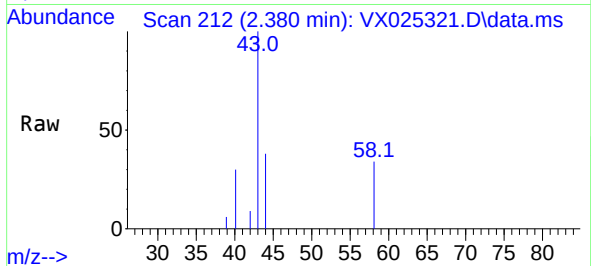




#16
Acetone
Concen: 2.390 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

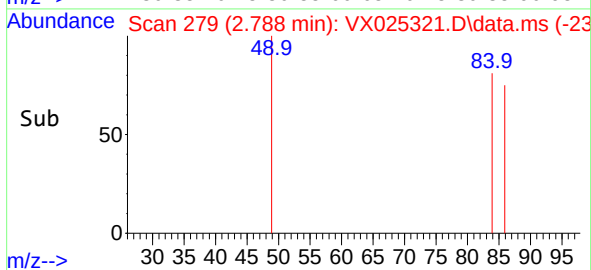
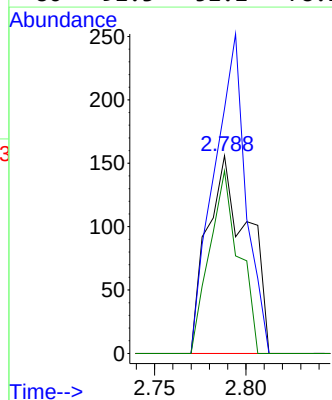
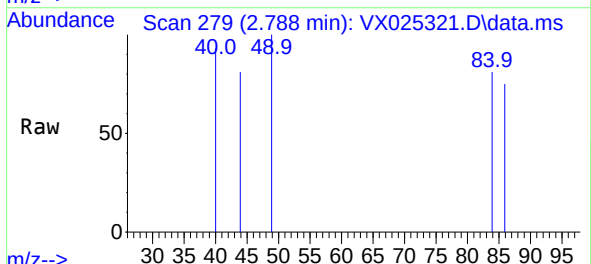
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

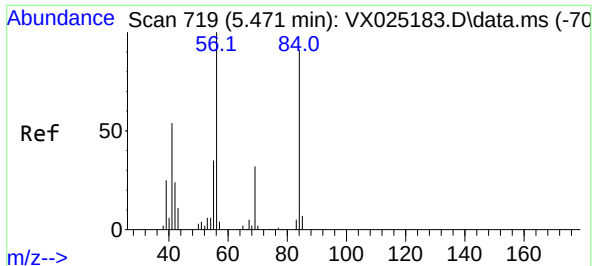
Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
58 34.4 24.0 36.0



#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

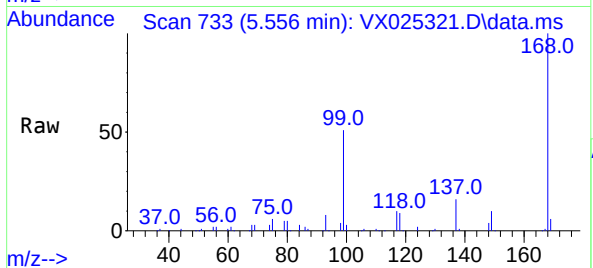
Tgt Ion: 84 Resp: 238
Ion Ratio Lower Upper
84 100
49 123.7 98.2 147.2
51 0.0 30.2 45.4#
86 92.3 52.2 78.2#



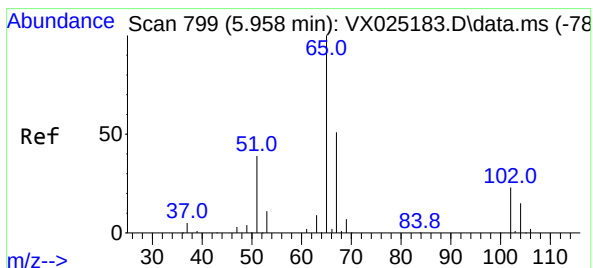
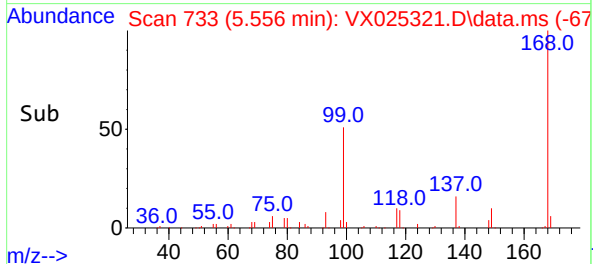
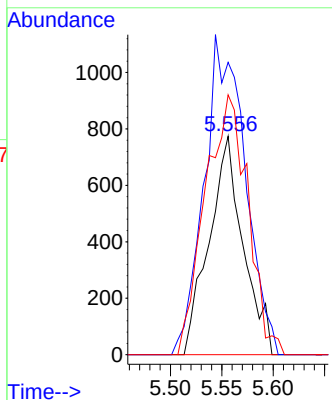


#31
Cyclohexane
Concen: 1.130 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

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ClientSampleId :
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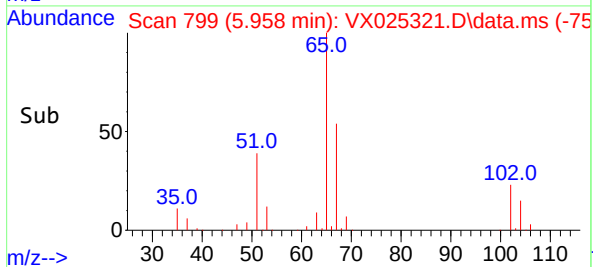
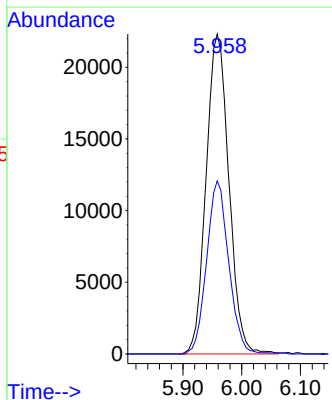
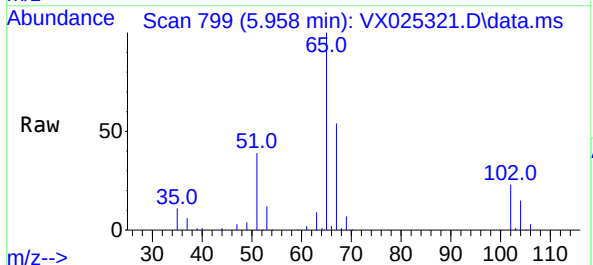


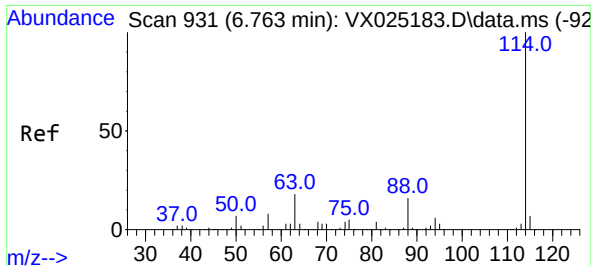
Tgt Ion: 56 Resp: 1785
Ion Ratio Lower Upper
56 100
69 133.9 24.2 36.2#
84 119.0 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 58.847 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

Tgt Ion: 65 Resp: 60134
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.0

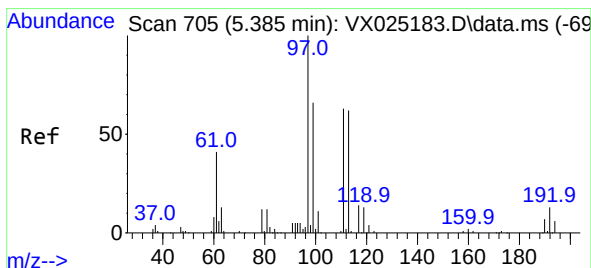
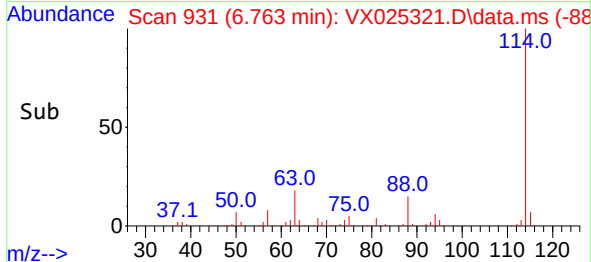
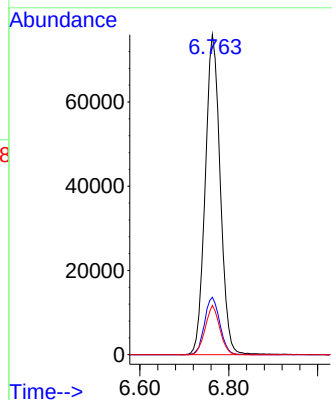
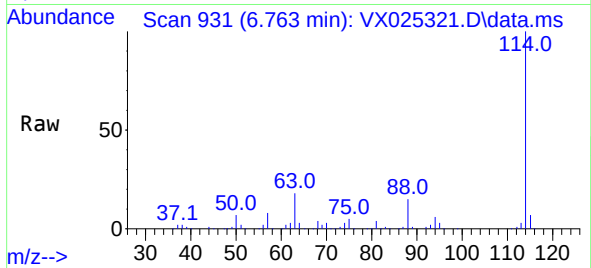




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

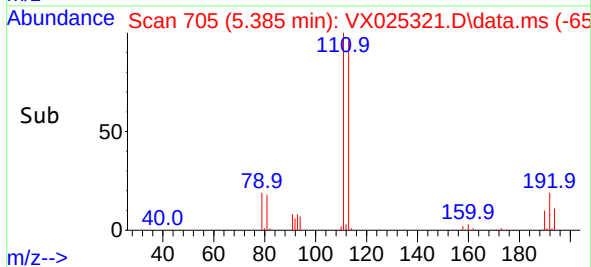
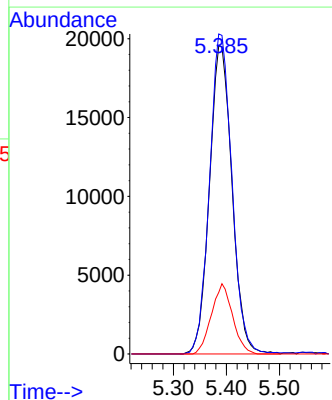
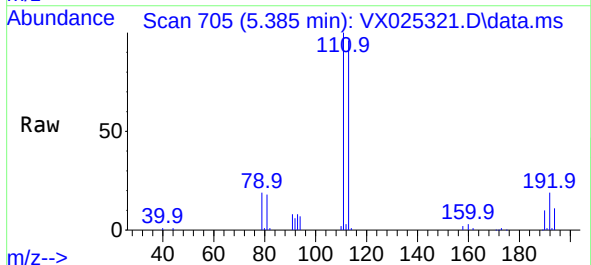
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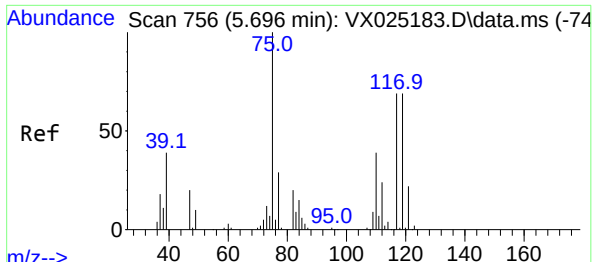
Tgt Ion:114 Resp: 179073
Ion Ratio Lower Upper
114 100
63 18.0 0.0 41.0
88 15.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.566 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

Tgt Ion:113 Resp: 57756
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 21.4 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.201 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX025321.D

Acq: 24 Nov 2021 13:05

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

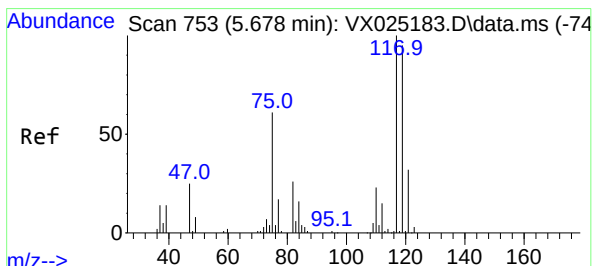
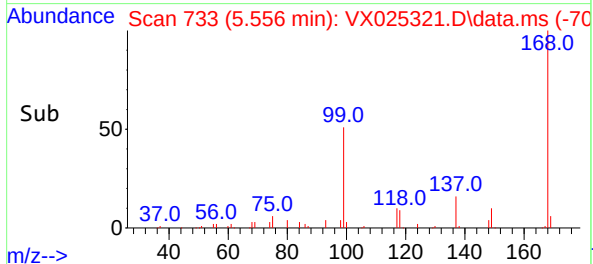
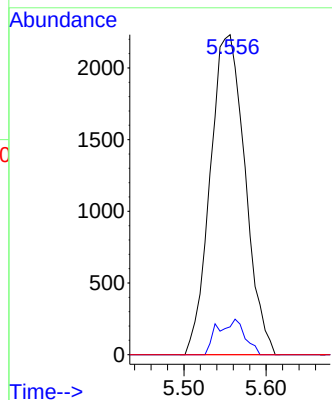
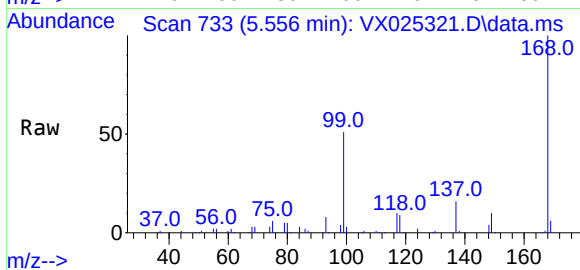
Tgt Ion: 75 Resp: 6563

Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.3#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.310 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX025321.D

Acq: 24 Nov 2021 13:05

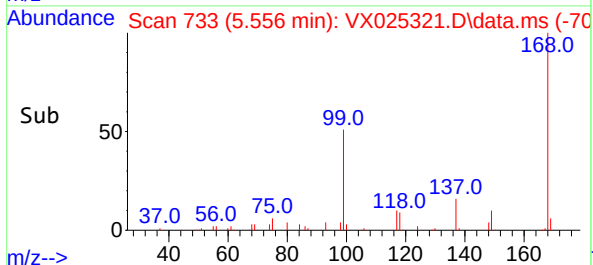
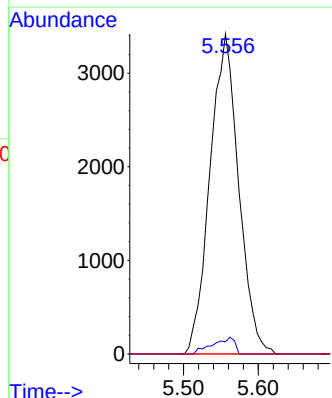
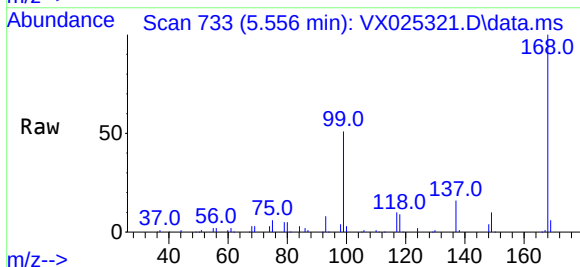
Tgt Ion: 117 Resp: 9137

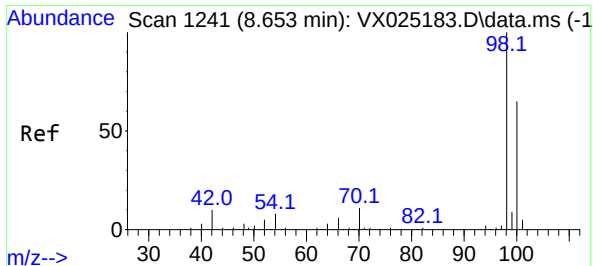
Ion Ratio Lower Upper

117 100

119 3.8 75.6 113.4#

121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 51.111 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX025321.D

Acq: 24 Nov 2021 13:05

Instrument :

MSVOA_X

ClientSampleId :

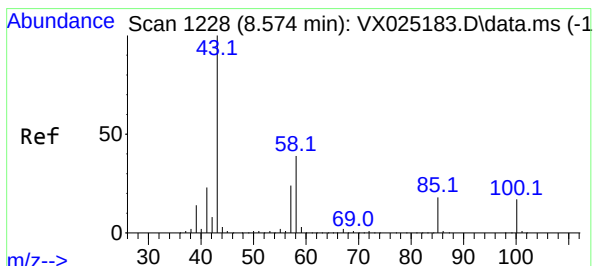
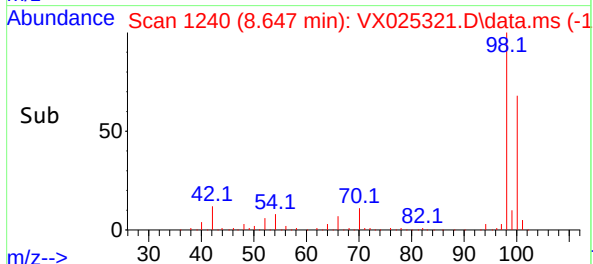
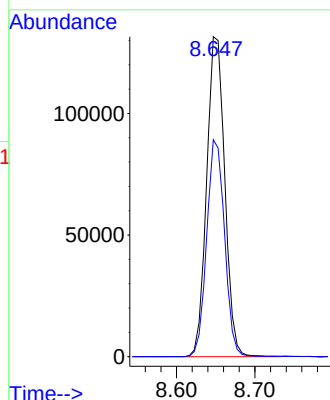
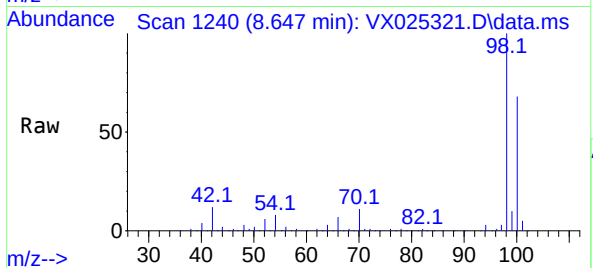
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 211144

Ion Ratio Lower Upper

98 100

100 66.9 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.497 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX025321.D

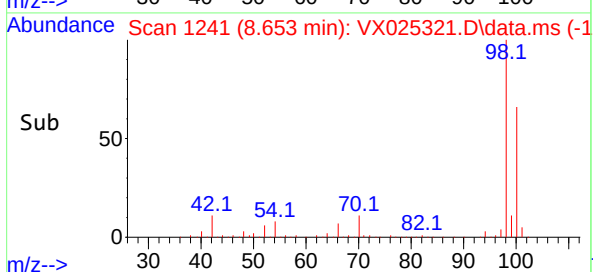
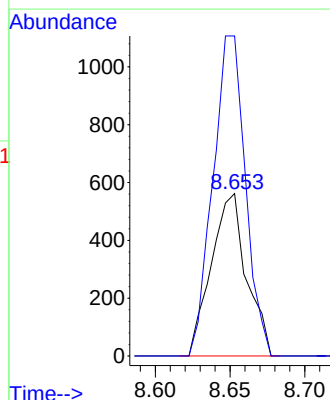
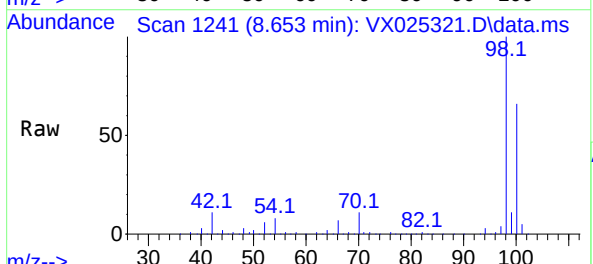
Acq: 24 Nov 2021 13:05

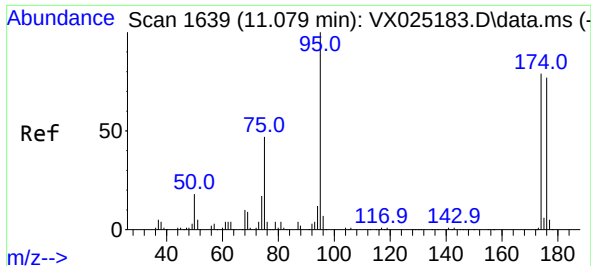
Tgt Ion: 43 Resp: 922

Ion Ratio Lower Upper

43 100

58 181.7 30.9 46.3#

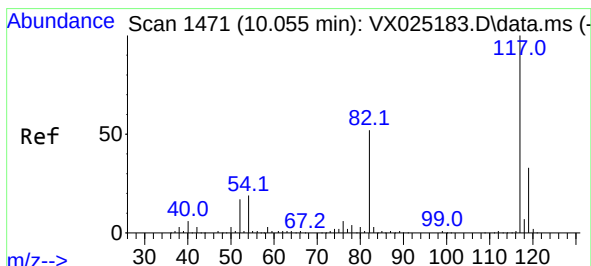
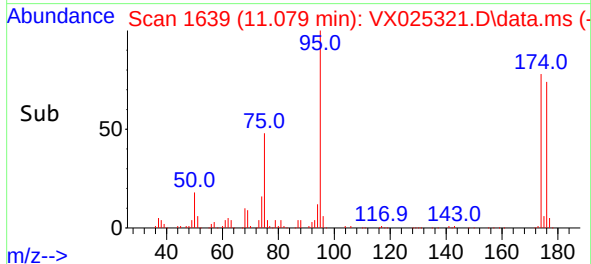
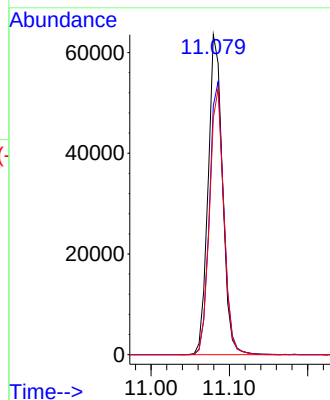
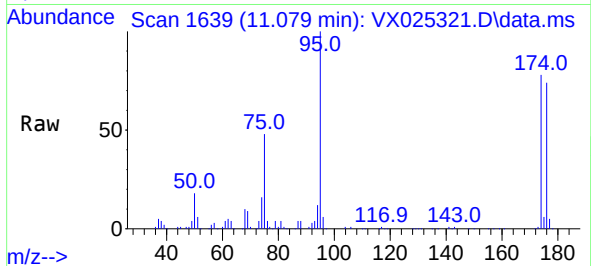




#62
4-Bromofluorobenzene
Concen: 51.638 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

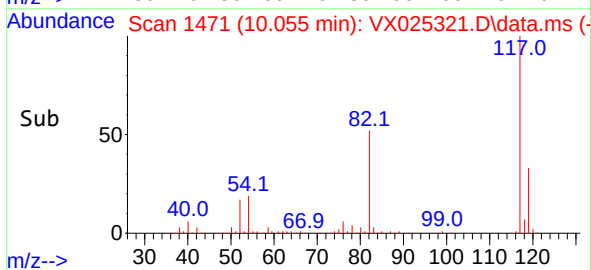
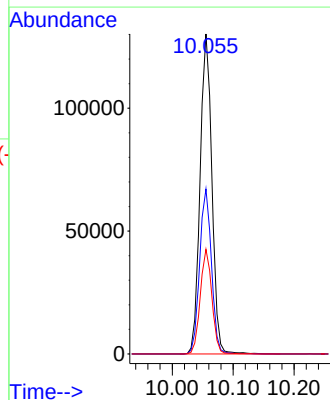
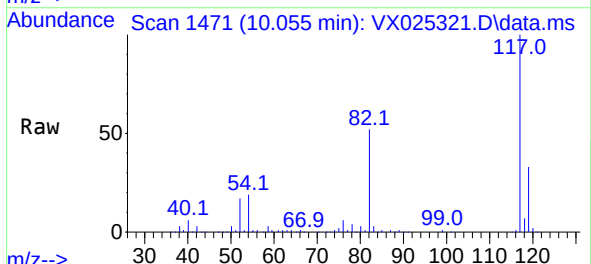
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

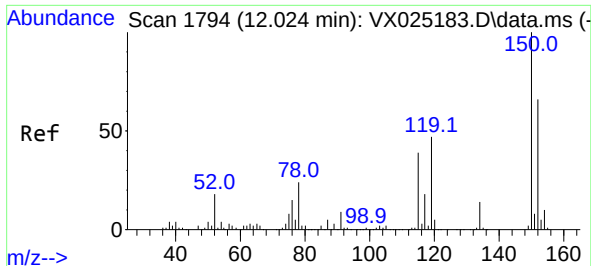
Tgt Ion: 95 Resp: 80701
Ion Ratio Lower Upper
95 100
174 85.2 0.0 158.0
176 82.7 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

Tgt Ion: 117 Resp: 175267
Ion Ratio Lower Upper
117 100
82 51.6 44.6 67.0
119 32.7 24.8 37.2

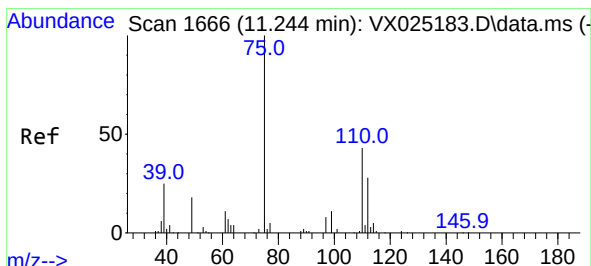
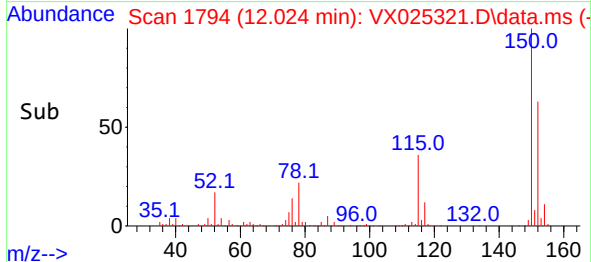
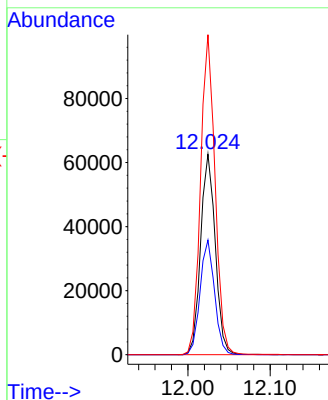
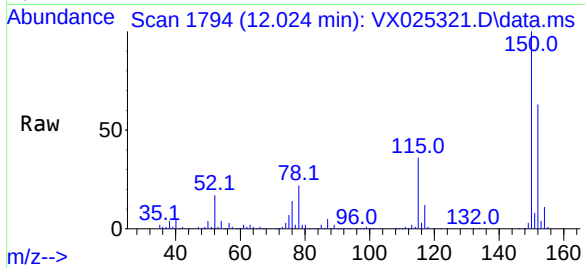




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

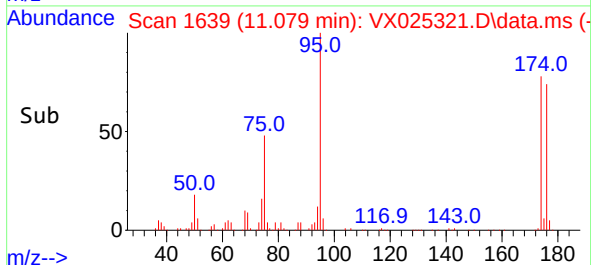
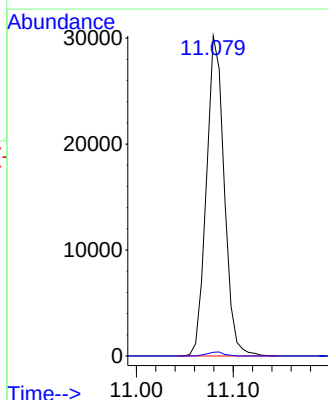
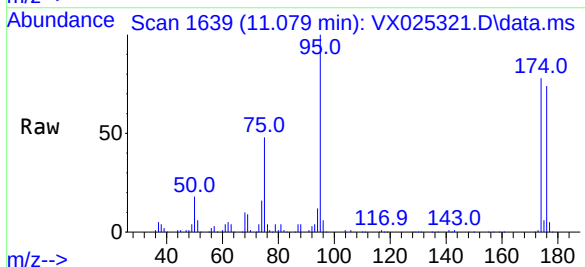
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

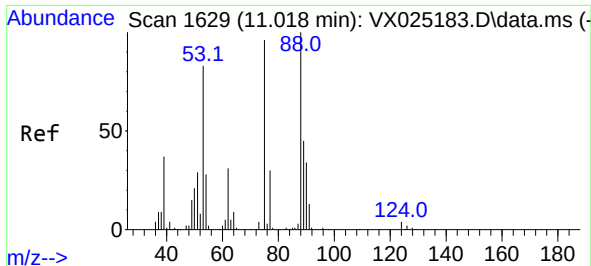
Tgt Ion:152 Resp: 77501
Ion Ratio Lower Upper
152 100
115 56.6 43.3 129.8
150 157.7 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 24.426 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

Tgt Ion: 75 Resp: 38766
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#

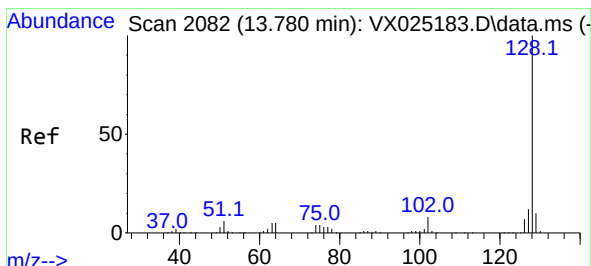
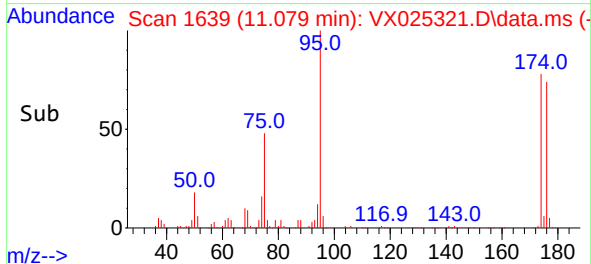
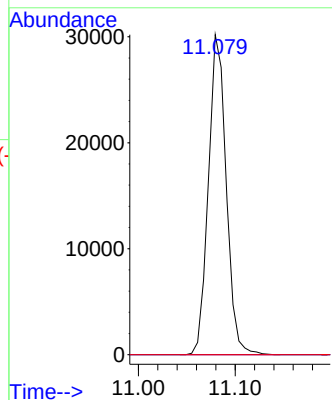
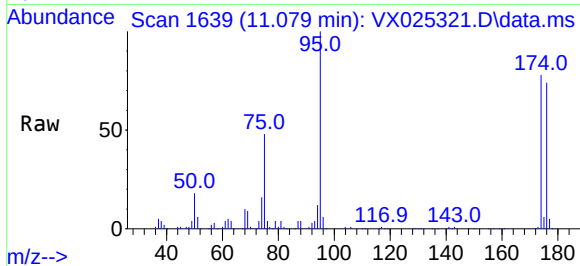




#81
trans-1,4-Dichloro-2-butene
Concen: 61.534 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

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

Tgt Ion: 75 Resp: 38766
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025321.D
Acq: 24 Nov 2021 13:05

Tgt Ion: 128 Resp: 227
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

