

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024257.D
 Acq On : 15 Sep 2021 13:52
 Operator : JC/MD
 Sample : M3708-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 16 04:43:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

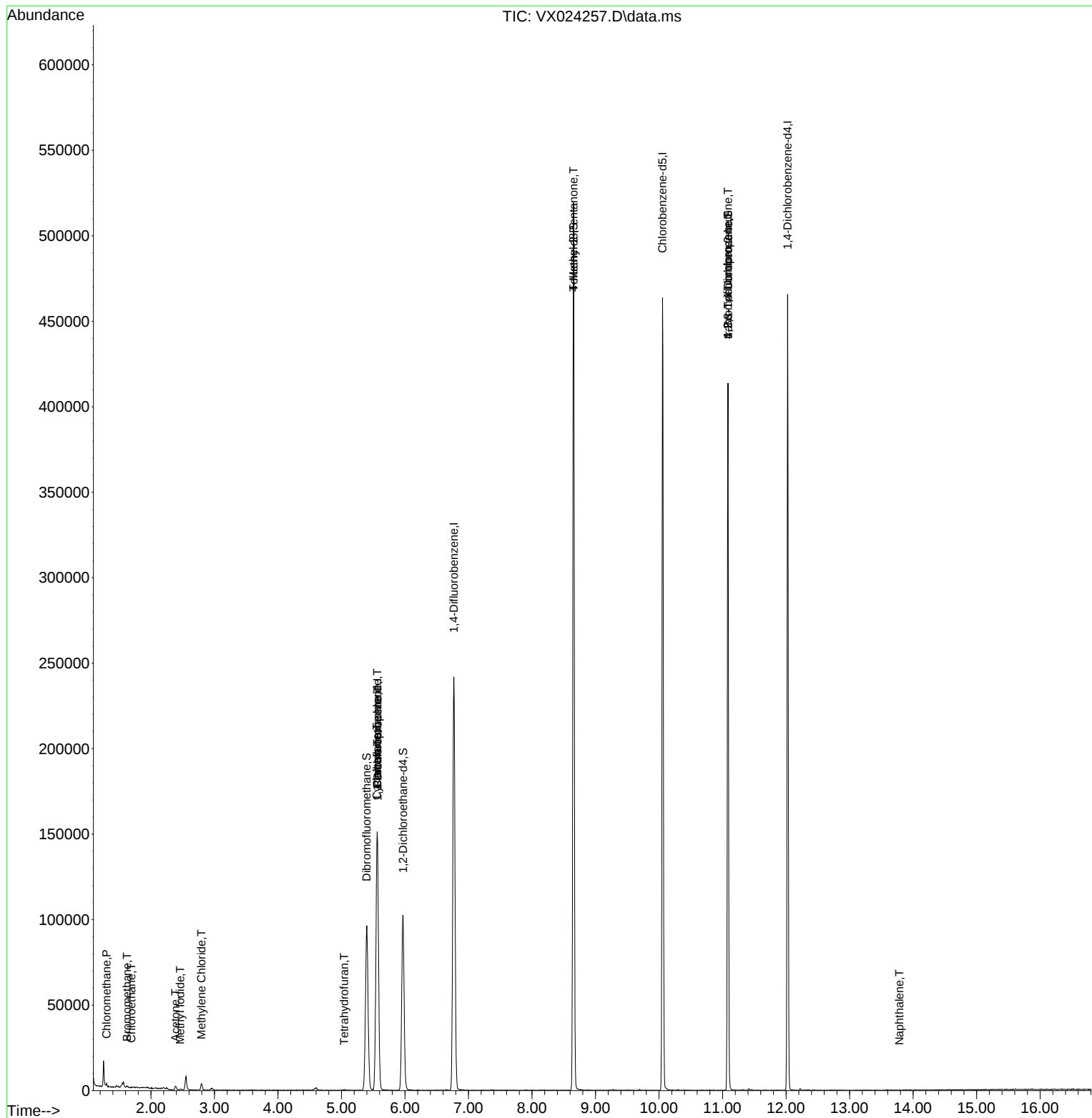
Internal Standards						
1) Pentafluorobenzene	5.562	168	141053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	243518	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	104176	51.793	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.580%
35) Dibromofluoromethane	5.397	113	81541	49.929	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.860%
50) Toluene-d8	8.653	98	295730	49.707	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.420%
62) 4-Bromofluorobenzene	11.085	95	102228	44.153	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	1150	0.812	ug/l	100
5) Bromomethane	1.624	94	524	0.625	ug/l #	54
6) Chloroethane	1.691	64	78	2.068	ug/l #	43
10) Methyl Iodide	2.459	142	705	0.367	ug/l #	79
11) Tert butyl alcohol	2.959	59	870	Below Cal	#	73
16) Acetone	2.386	43	2364	2.756	ug/l #	77
20) Methylene Chloride	2.794	84	1789	1.086	ug/l	87
29) Tetrahydrofuran	5.044	42	208	0.263	ug/l #	60
31) Cyclohexane	5.556	56	2957	1.257	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	11208	5.006	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14085	5.589	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1542	0.583	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55308	26.076	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55308	76.689	ug/l #	12
95) Naphthalene	13.786	128	61	1.296	ug/l #	69

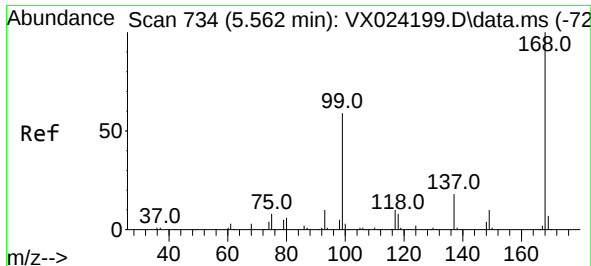
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 16 04:43:12 2021
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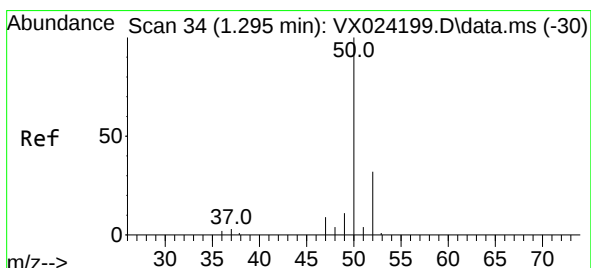
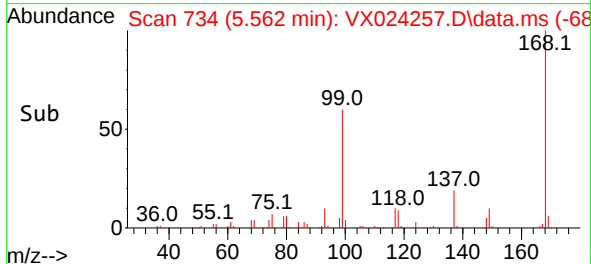
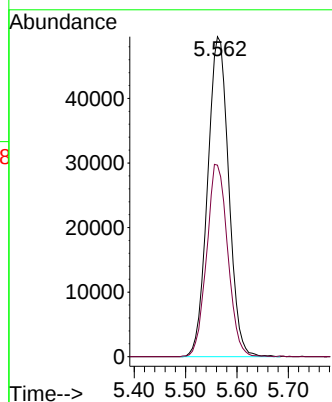
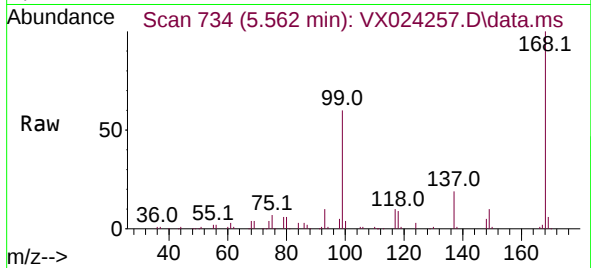




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

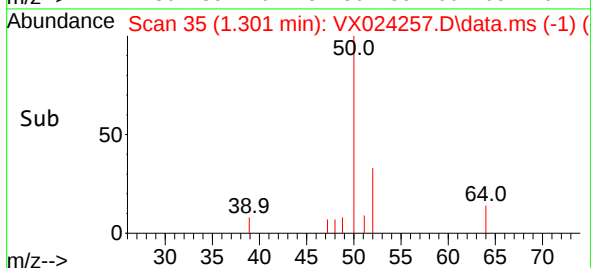
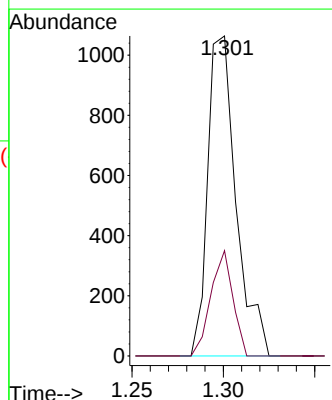
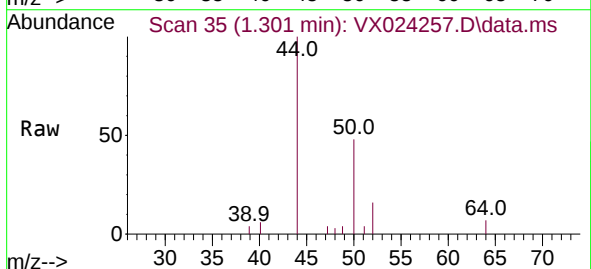
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

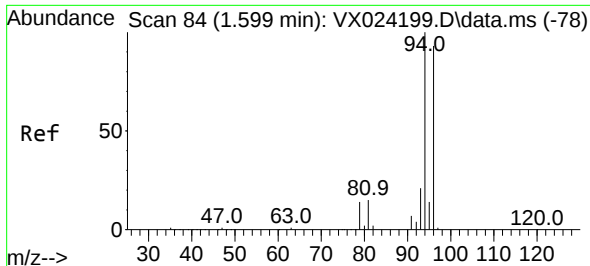
Tgt Ion:168 Resp: 141053
Ion Ratio Lower Upper
168 100
99 59.9 45.8 68.6



#3
Chloromethane
Concen: 0.812 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

Tgt Ion: 50 Resp: 1150
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6

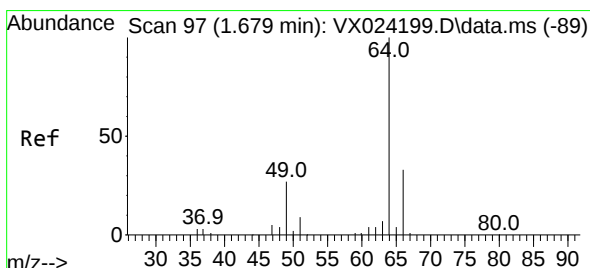
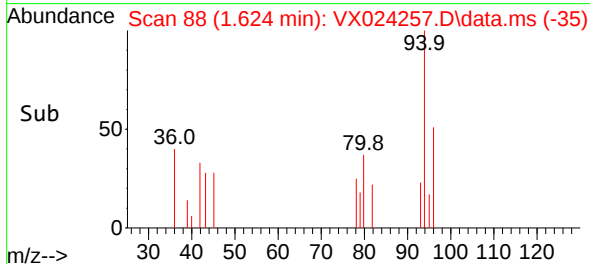
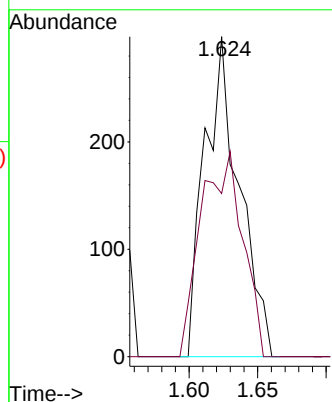
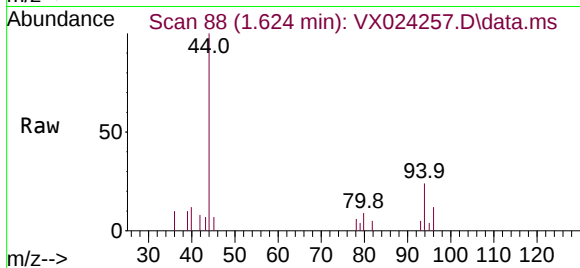




#5
Bromomethane
Concen: 0.625 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

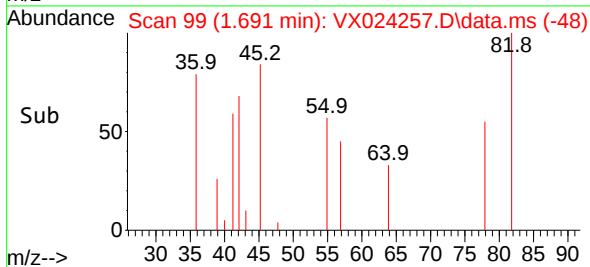
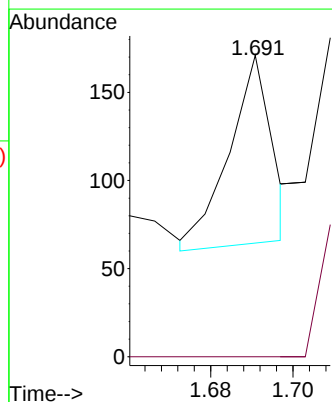
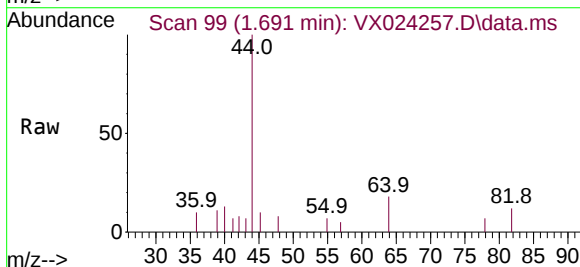
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

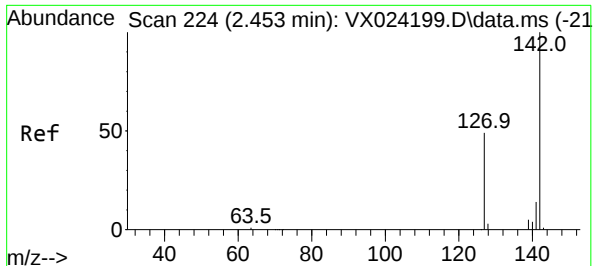
Tgt Ion: 94 Resp: 524
Ion Ratio Lower Upper
94 100
96 51.0 76.4 114.6#



#6
Chloroethane
Concen: 2.068 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

Tgt Ion: 64 Resp: 78
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

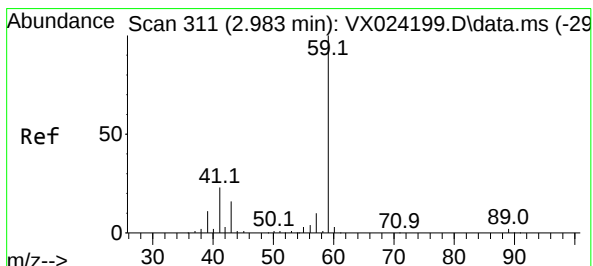
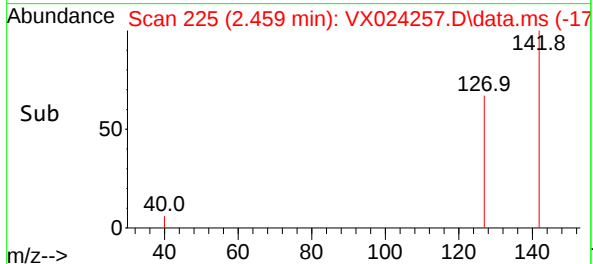
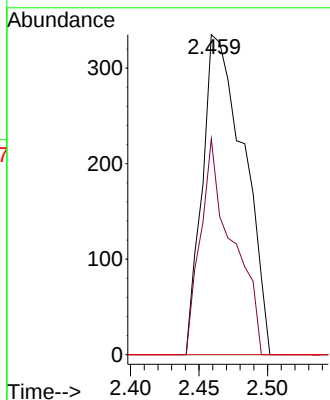
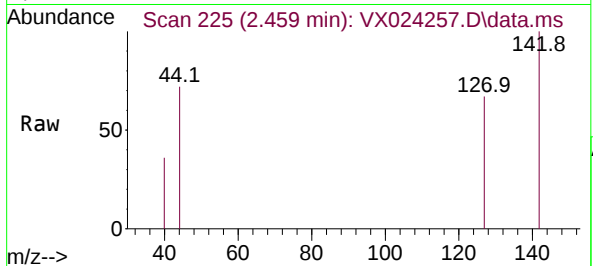




#10
Methyl Iodide
Concen: 0.367 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

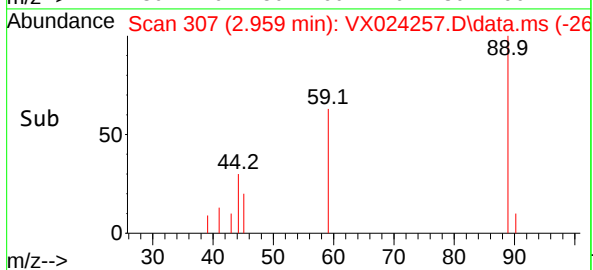
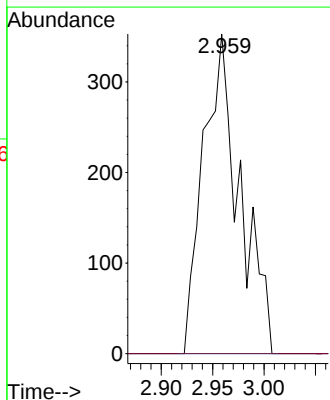
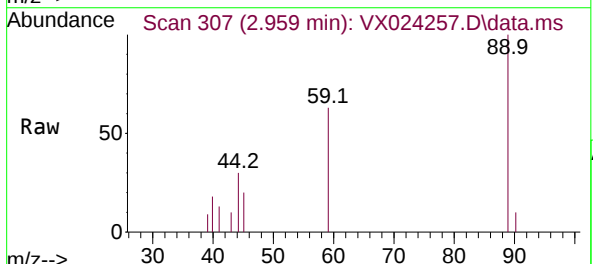
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

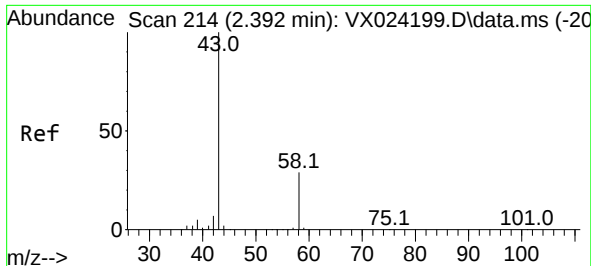
Tgt Ion:142 Resp: 705
Ion Ratio Lower Upper
142 100
127 52.2 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

Tgt Ion: 59 Resp: 870
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

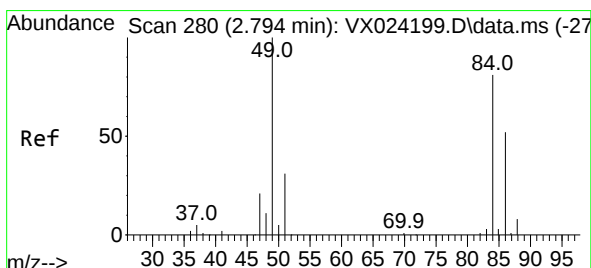
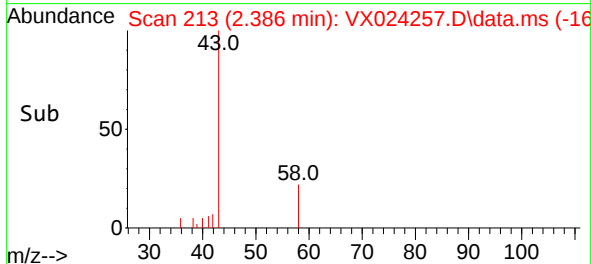
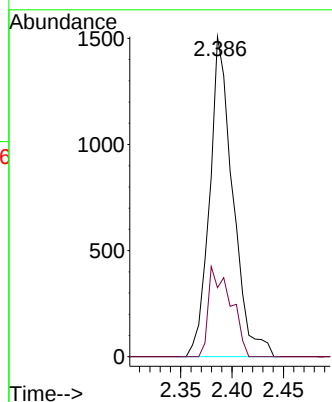
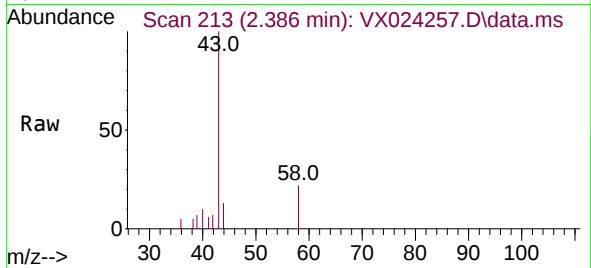




#16
Acetone
Concen: 2.756 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

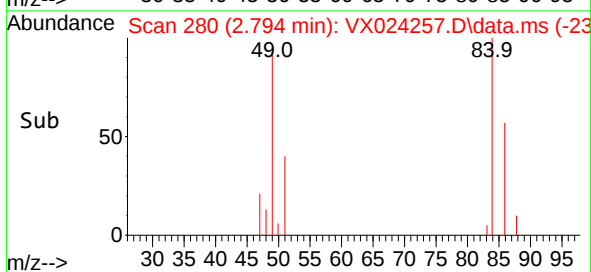
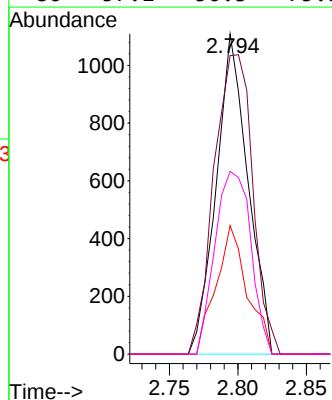
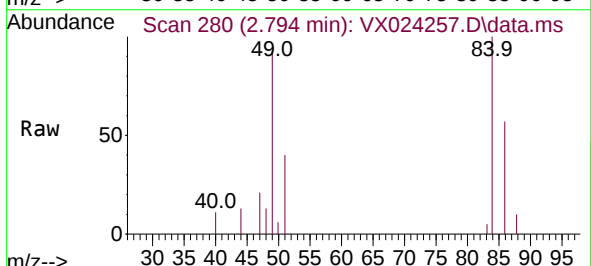
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

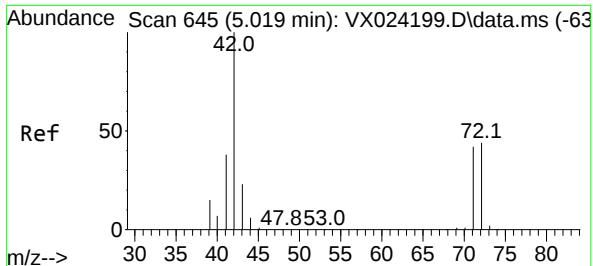
Tgt Ion: 43 Resp: 2364
Ion Ratio Lower Upper
43 100
58 21.6 27.8 41.8#



#20
Methylene Chloride
Concen: 1.086 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

Tgt Ion: 84 Resp: 1789
Ion Ratio Lower Upper
84 100
49 93.2 88.6 132.8
51 40.1 27.0 40.6
86 57.1 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.263 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.025 min

Lab File: VX024257.D

Acq: 15 Sep 2021 13:52

Tgt Ion: 42 Resp: 208

Ion Ratio Lower Upper

42 100

72 25.0 41.7 62.5#

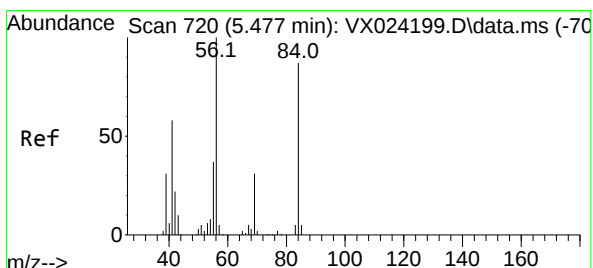
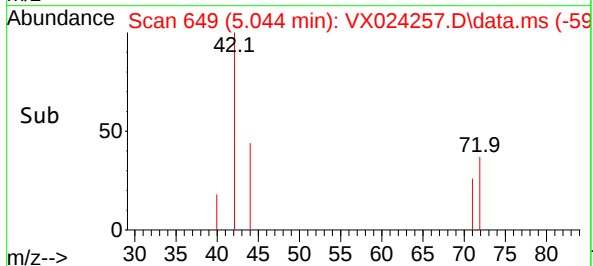
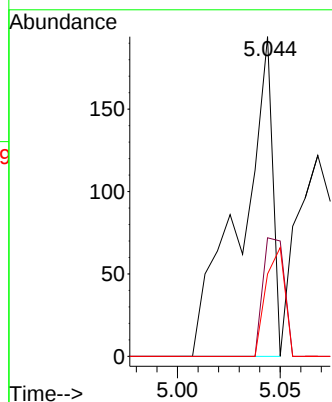
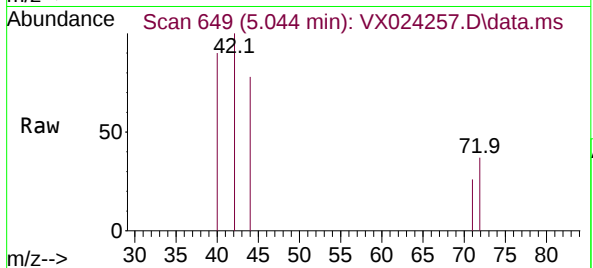
71 20.2 38.4 57.6#

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



#31

Cyclohexane

Concen: 1.257 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024257.D

Acq: 15 Sep 2021 13:52

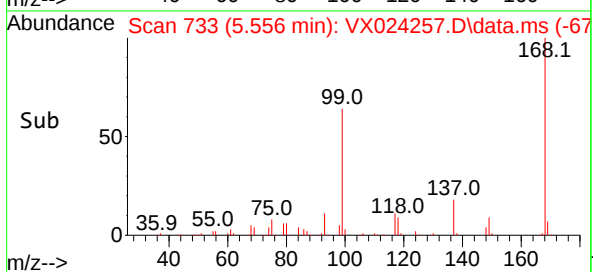
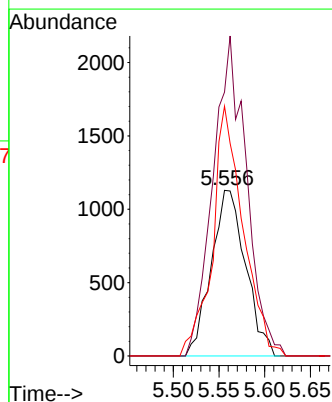
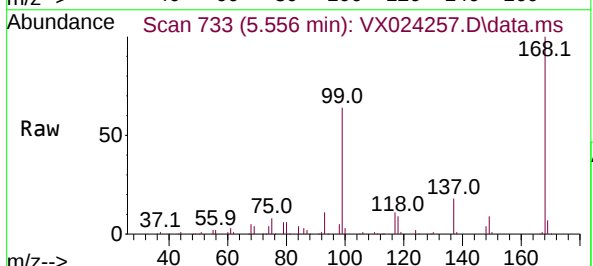
Tgt Ion: 56 Resp: 2957

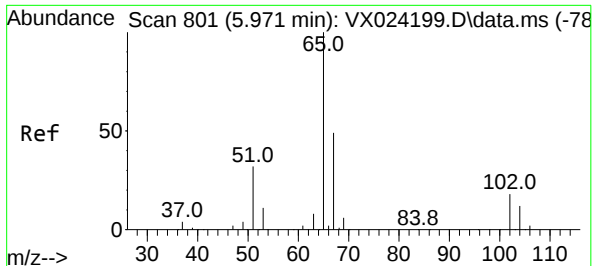
Ion Ratio Lower Upper

56 100

69 159.3 25.3 37.9#

84 150.8 71.4 107.0#



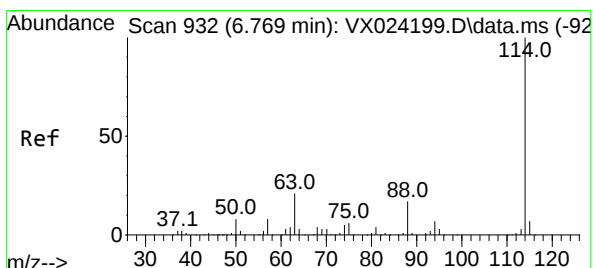
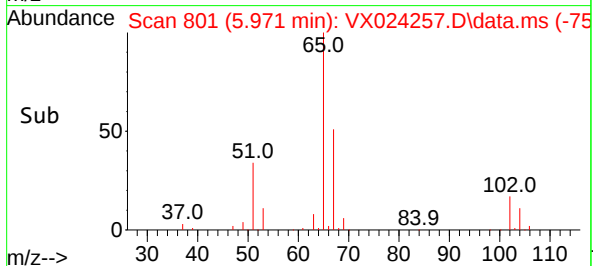
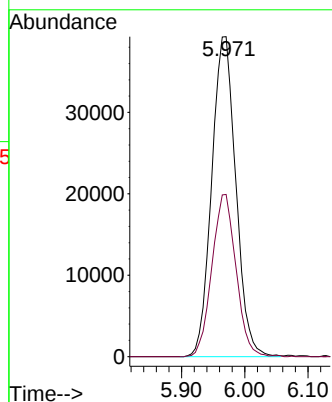
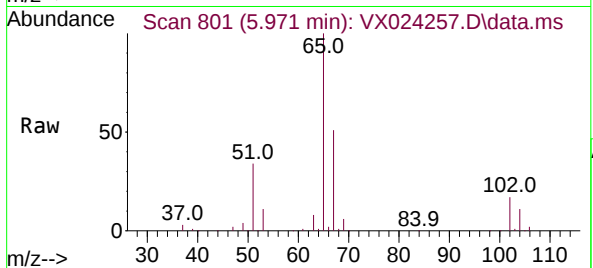


#33

1,2-Dichloroethane-d4
Concen: 51.793 ug/l
RT: 5.971 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

Instrument :
MSVOA_X
ClientSampleId :
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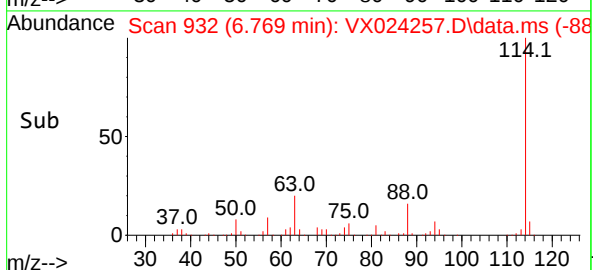
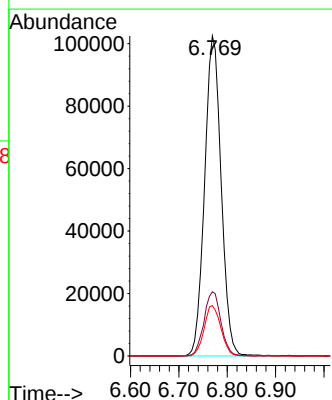
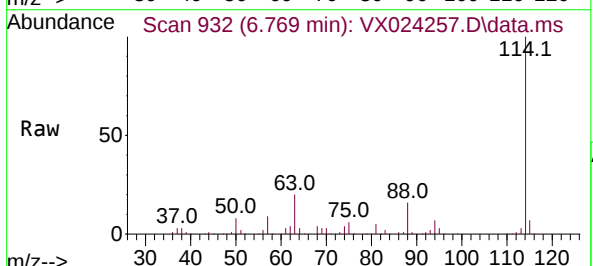
Tgt Ion: 65 Resp: 104176
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

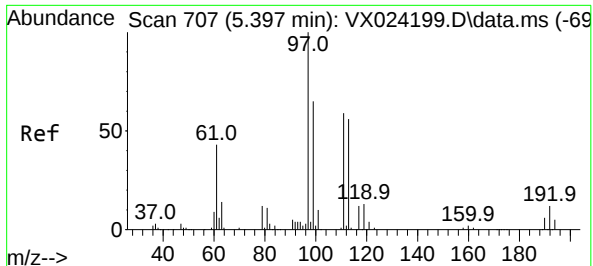


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

Tgt Ion: 114 Resp: 243518
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.8 0.0 32.8

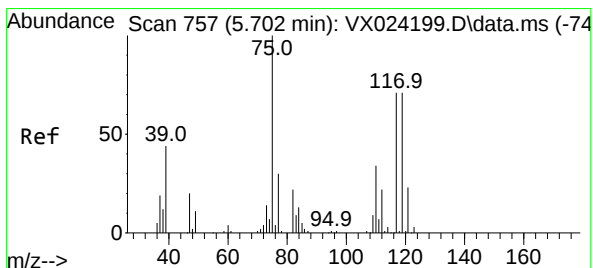
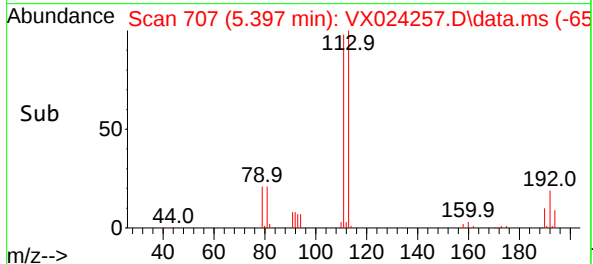
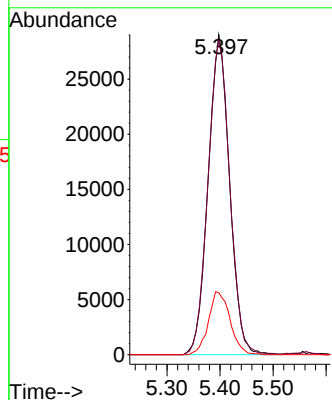
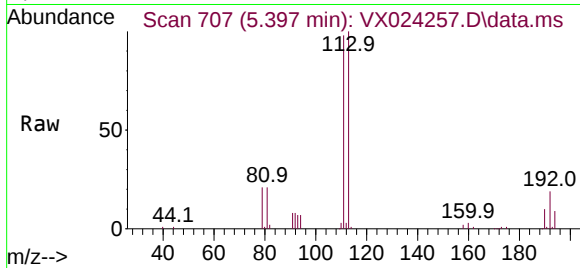




#35
Dibromofluoromethane
Concen: 49.929 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

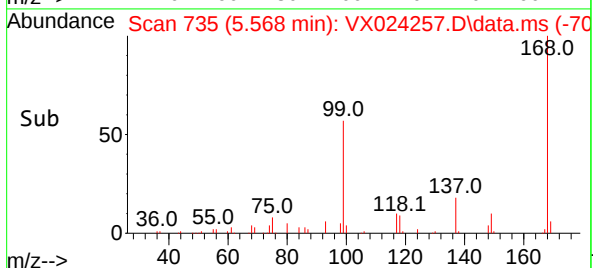
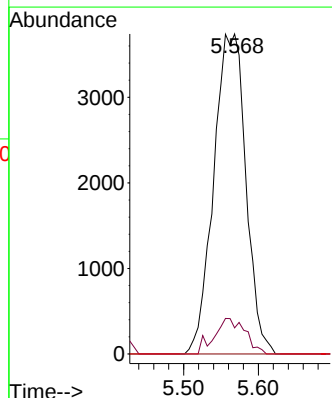
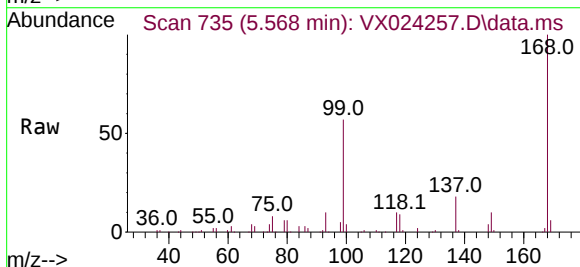
Instrument :
MSVOA_X
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STORAGE-BLANK-SOIL-REF-6

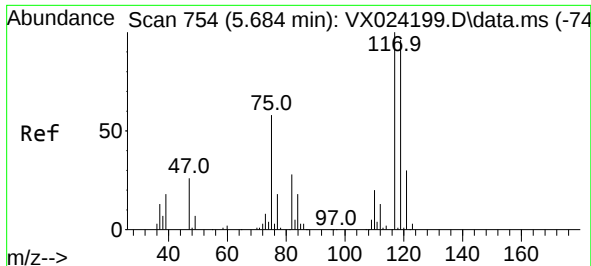
Tgt Ion:	113	Resp:	81541
Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.9	122.9
192	19.9	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.006 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

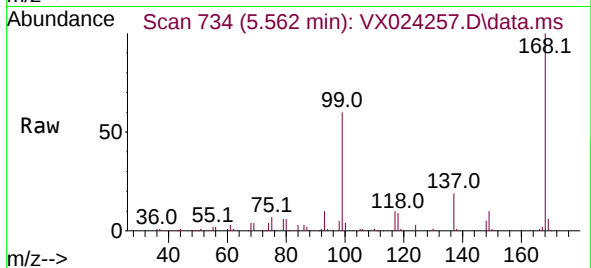
Tgt Ion:	75	Resp:	11208
Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.4#
77	0.0	25.3	37.9#



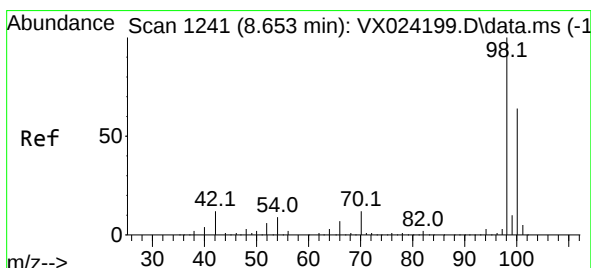
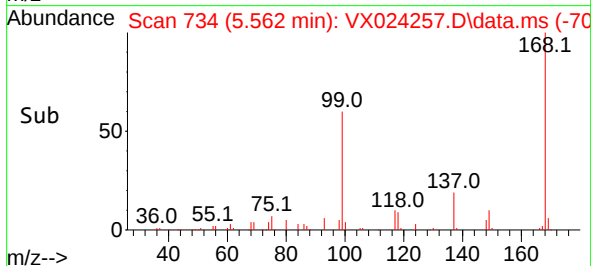
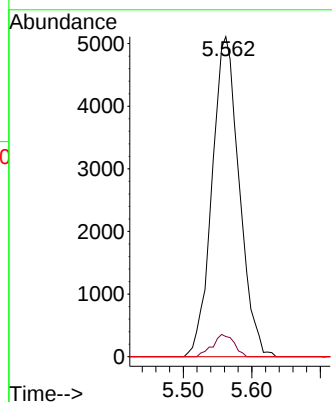


#38
Carbon Tetrachloride
Concen: 5.589 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

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

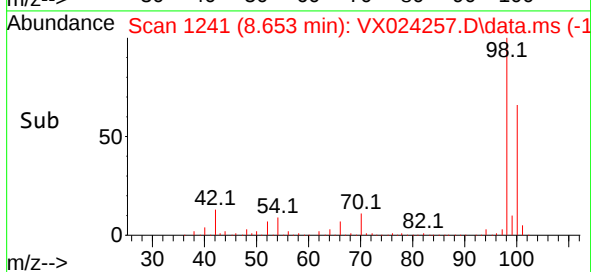
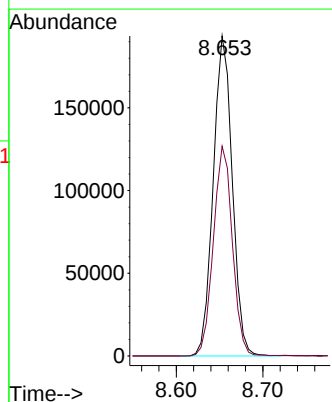
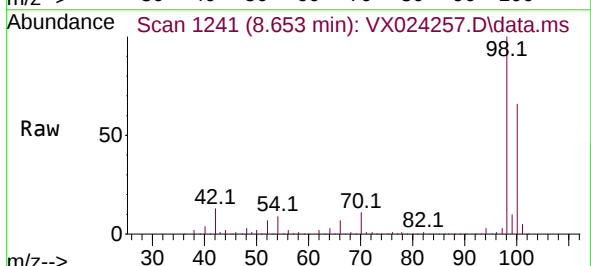


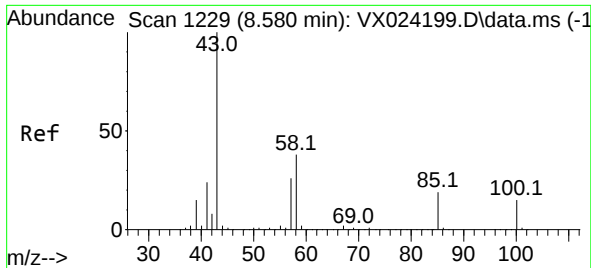
Tgt Ion:117 Resp: 14085
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.707 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

Tgt Ion: 98 Resp: 295730
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

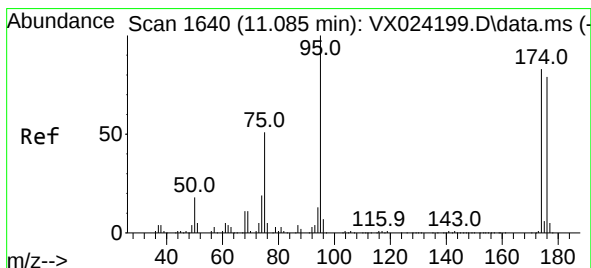
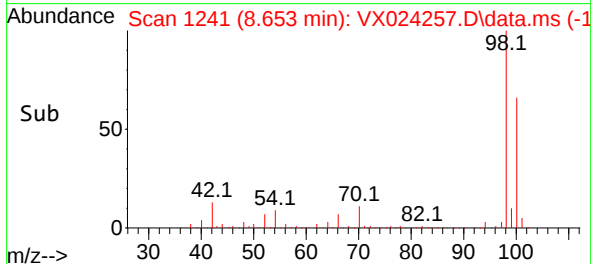
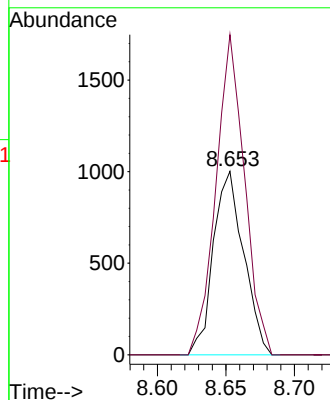
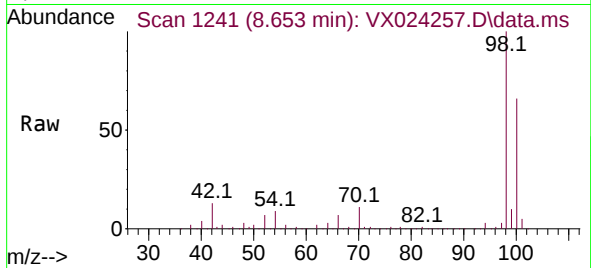




#51
4-Methyl-2-Pentanone
Concen: 0.583 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

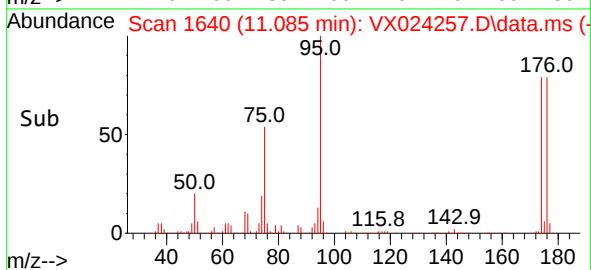
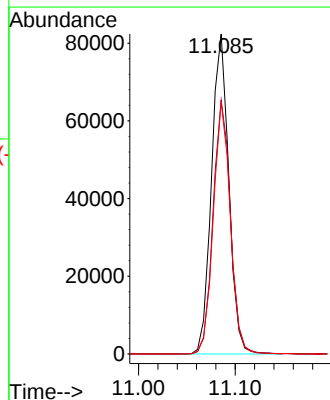
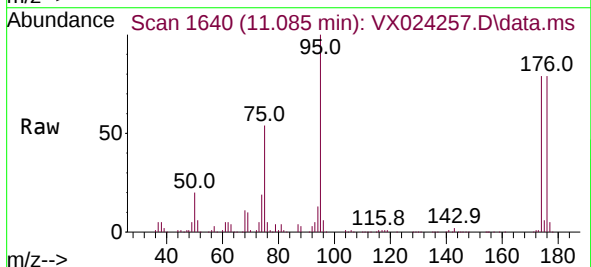
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

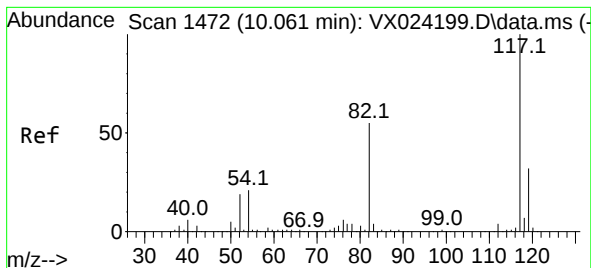
Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
58 164.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.153 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

Tgt Ion: 95 Resp: 102228
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.6
176 77.6 0.0 155.8

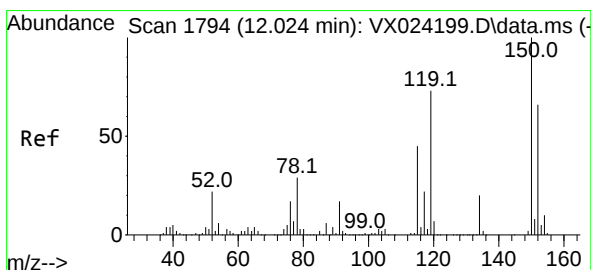
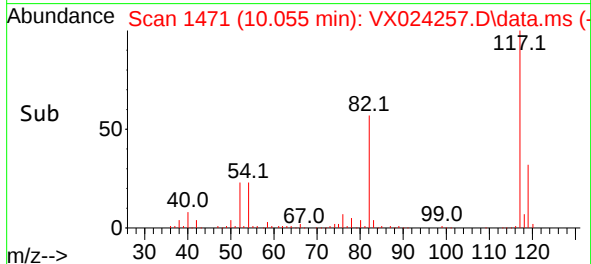
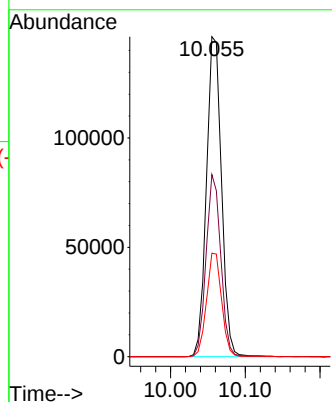
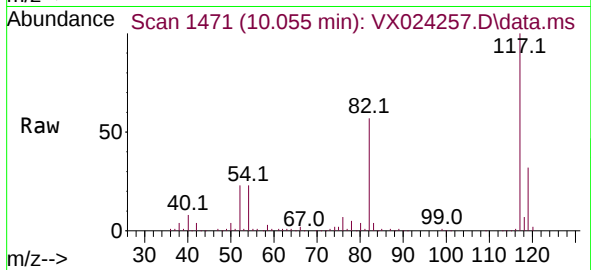




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

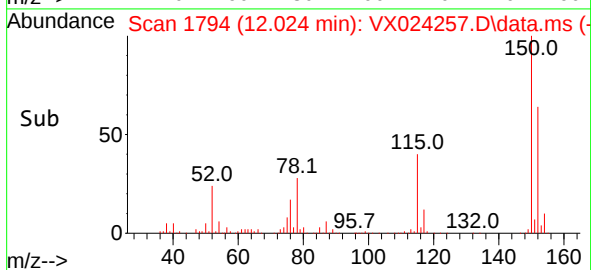
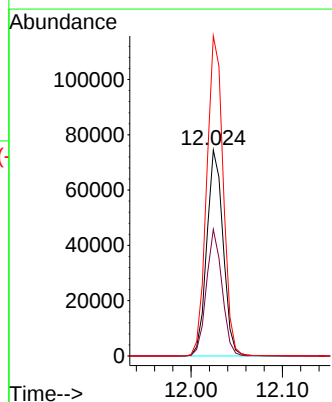
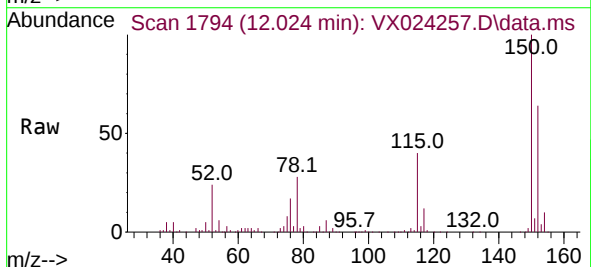
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

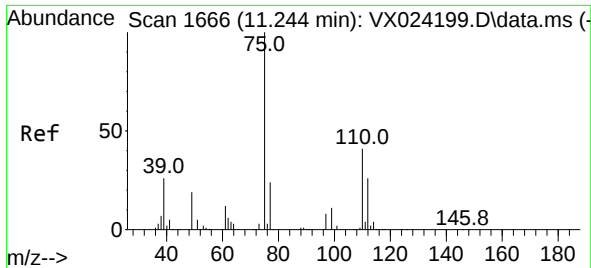
Tgt Ion:117 Resp: 204598
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

Tgt Ion:152 Resp: 92243
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 156.9 0.0 349.0

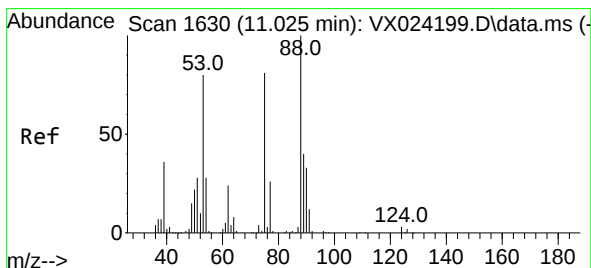
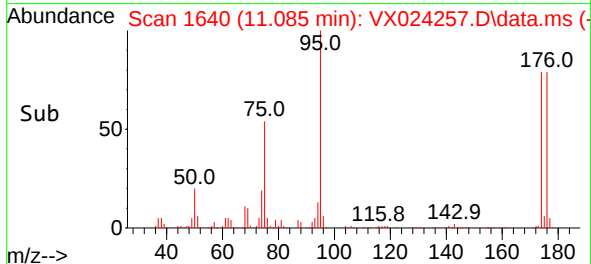
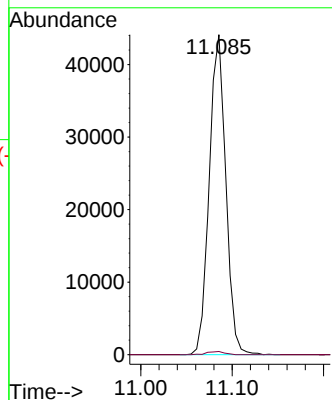
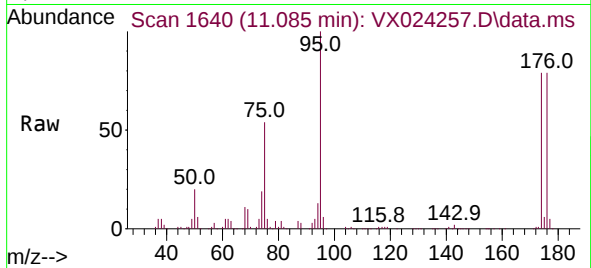




#76
1,2,3-Trichloropropane
Concen: 26.076 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

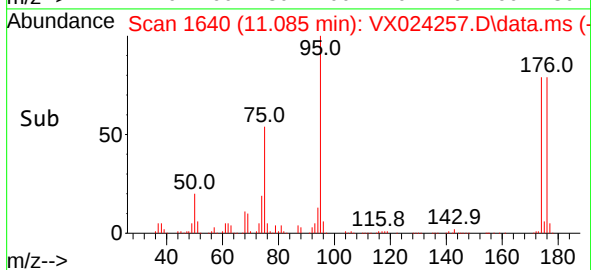
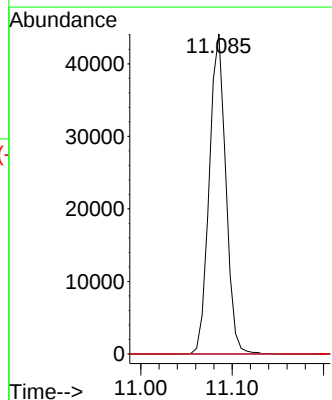
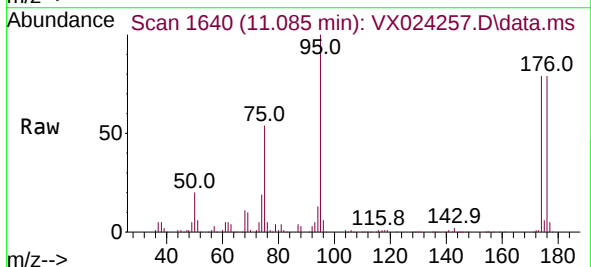
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

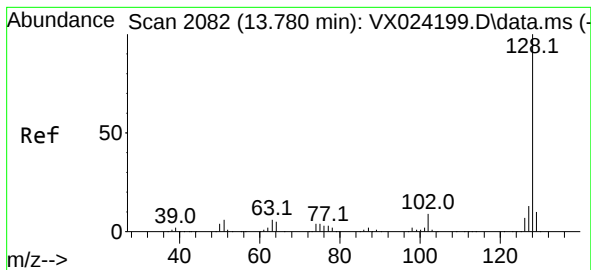
Tgt Ion: 75 Resp: 55308
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.689 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

Tgt Ion: 75 Resp: 55308
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.296 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024257.D
Acq: 15 Sep 2021 13:52

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

Tgt Ion:128 Resp: 61
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

