

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061821\
 Data File : VX022774.D
 Acq On : 18 Jun 2021 18:09
 Operator : JC/MD
 Sample : M2780-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 19 01:46:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

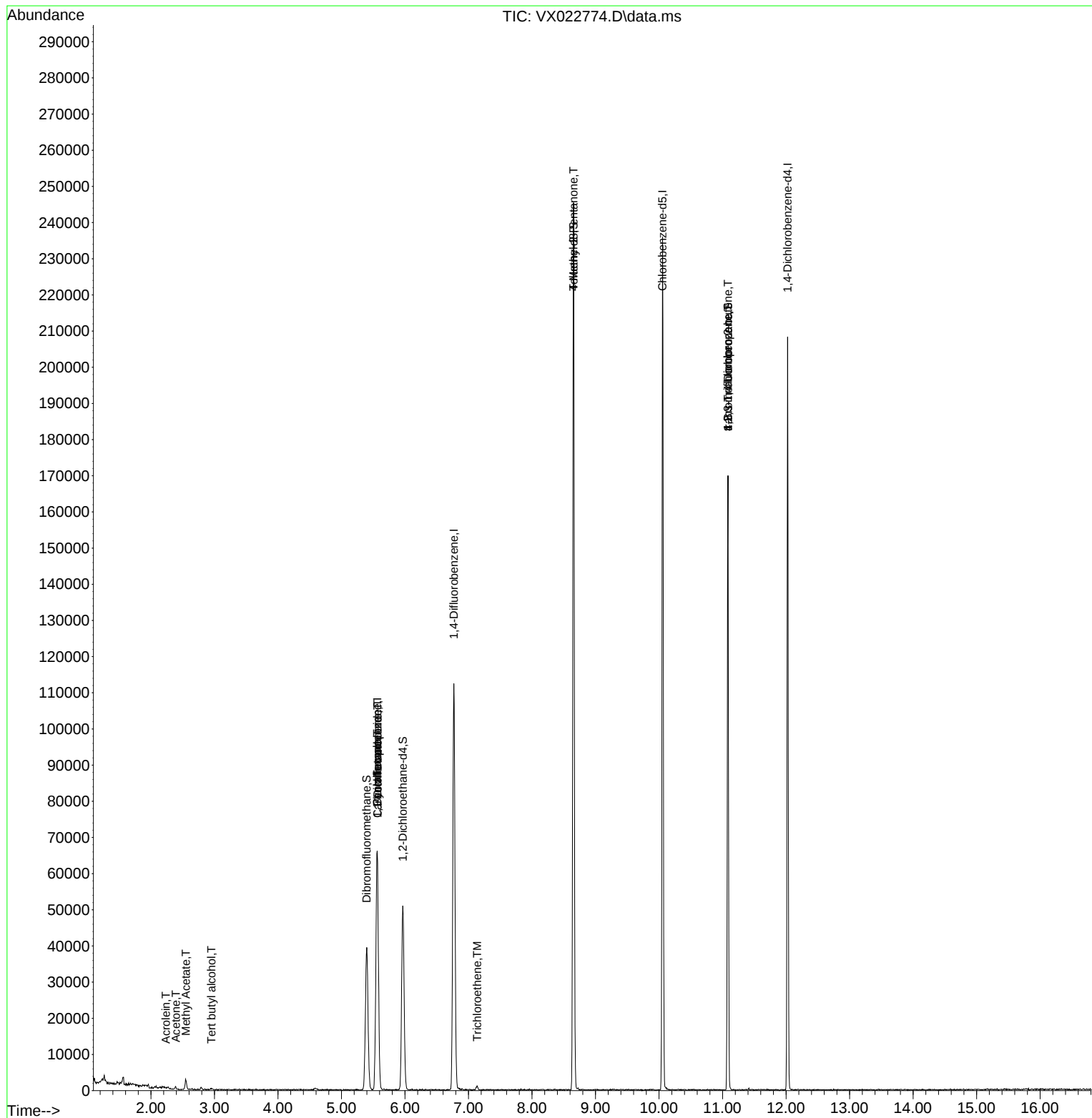
Internal Standards						
1) Pentafluorobenzene	5.562	168	54260	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47868	49.053	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.100%
35) Dibromofluoromethane	5.397	113	33422	47.777	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.560%
50) Toluene-d8	8.653	98	134913	48.924	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.085	95	44845	42.999	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	182	0.805	ug/l	# 73
13) Acrolein	2.233	56	19	0.201	ug/l	# 14
16) Acetone	2.392	43	674	1.542	ug/l	# 67
18) Methyl Acetate	2.550	43	998	0.759	ug/l	# 47
31) Cyclohexane	5.562	56	1615	1.372	ug/l	# 16
36) 1,1-Dichloropropene	5.568	75	5636	5.159	ug/l	# 46
38) Carbon Tetrachloride	5.568	117	6551	7.010	ug/l	# 16
44) Trichloroethene	7.135	130	483	0.633	ug/l	74
51) 4-Methyl-2-Pentanone	8.653	43	731	0.525	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	24151	25.694	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	24151	64.528	ug/l	# 12

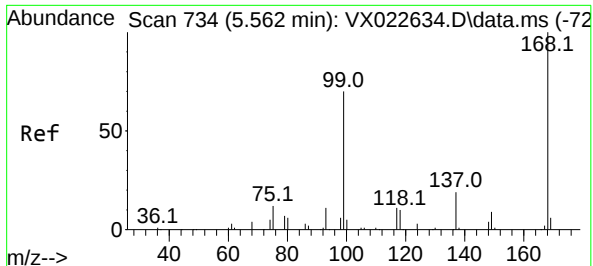
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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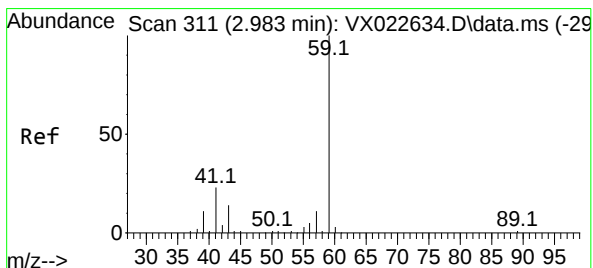
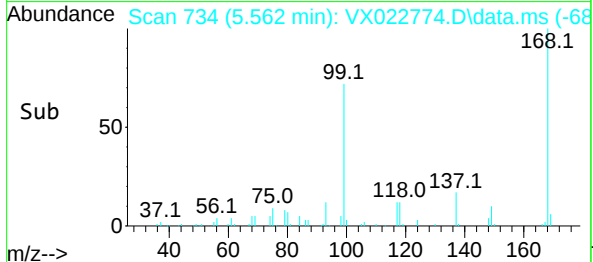
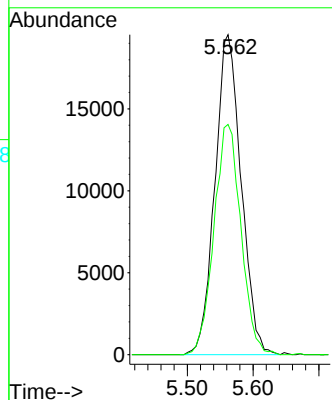
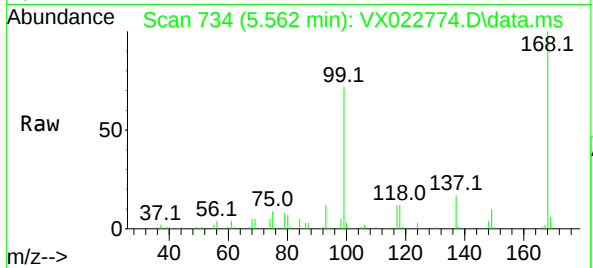




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

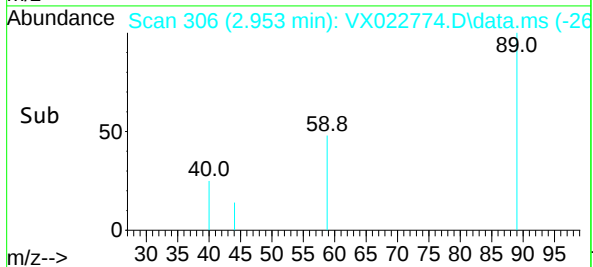
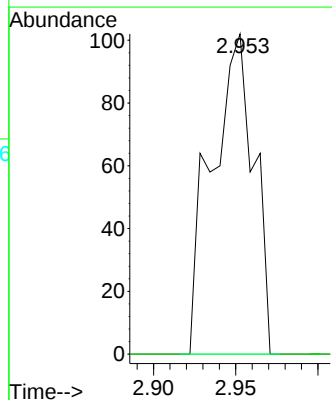
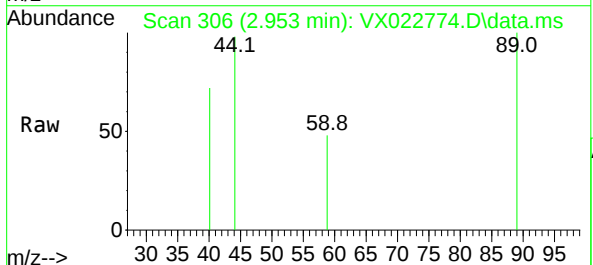
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

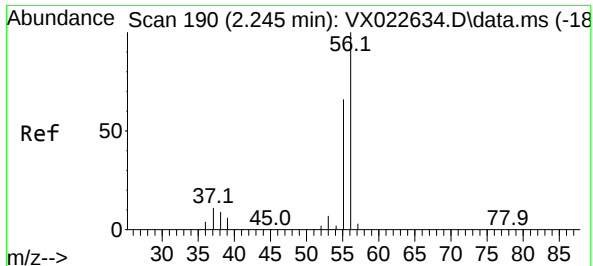
Tgt Ion:168 Resp: 54260
Ion Ratio Lower Upper
168 100
99 72.0 45.8 68.6#



#11
Tert butyl alcohol
Concen: 0.805 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

Tgt Ion: 59 Resp: 182
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 0.201 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX022774.D

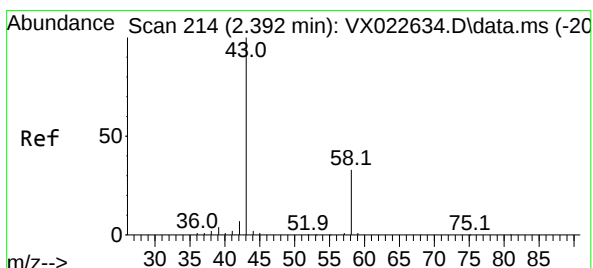
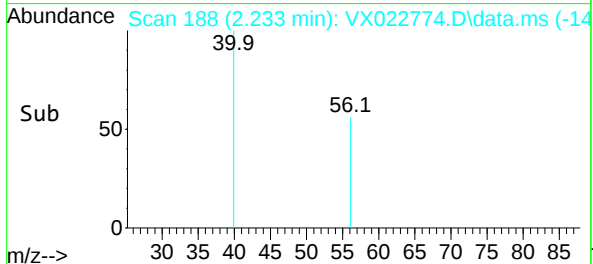
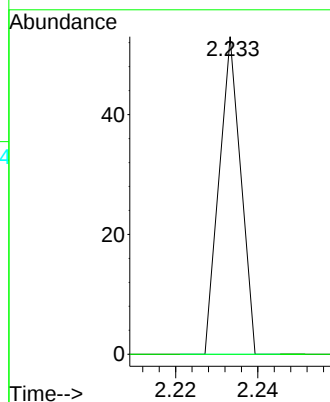
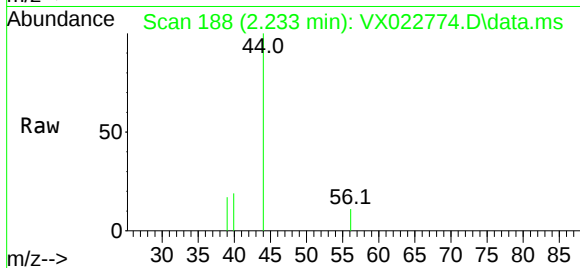
Acq: 18 Jun 2021 18:09

Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#



#16

Acetone

Concen: 1.542 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX022774.D

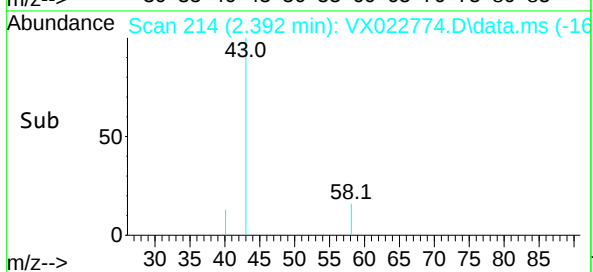
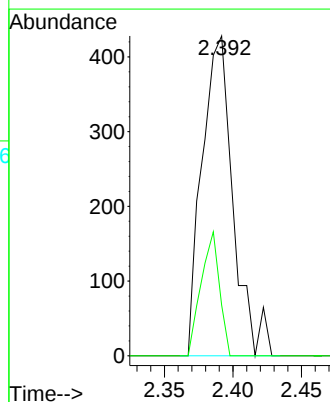
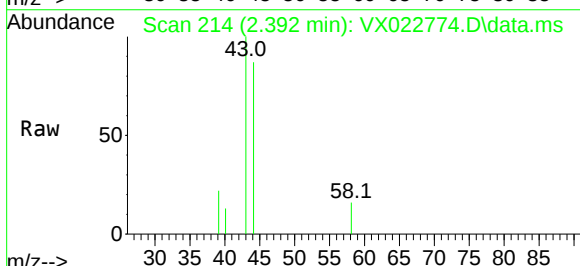
Acq: 18 Jun 2021 18:09

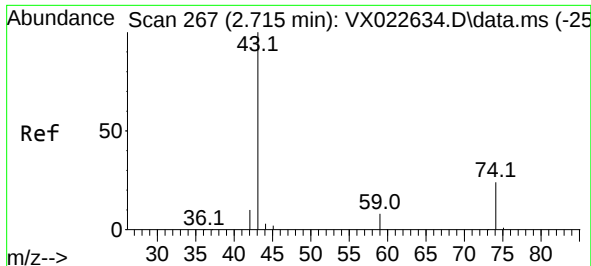
Tgt Ion: 43 Resp: 674

Ion Ratio Lower Upper

43 100

58 15.9 27.8 41.8#

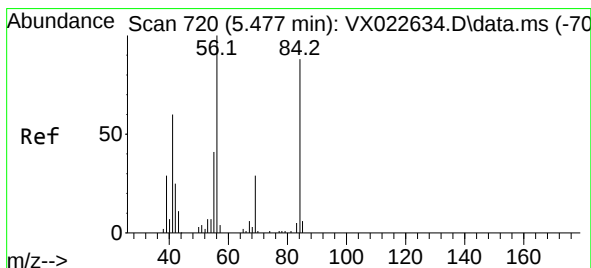
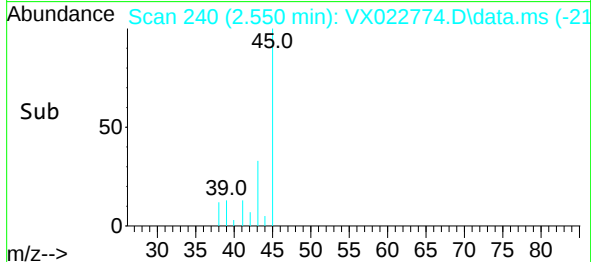
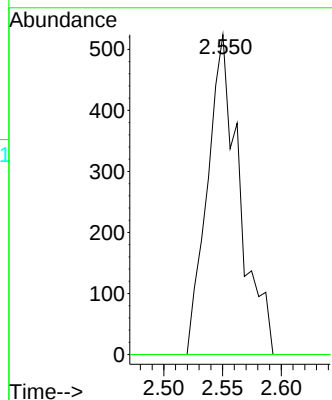
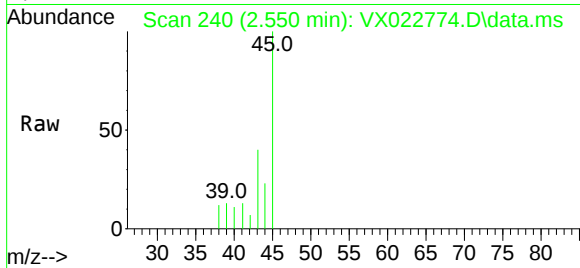




#18
Methyl Acetate
Concen: 0.759 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

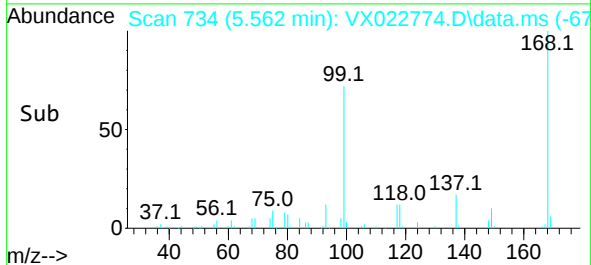
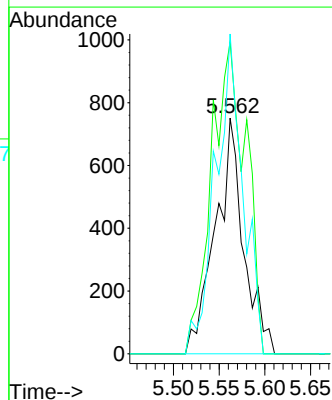
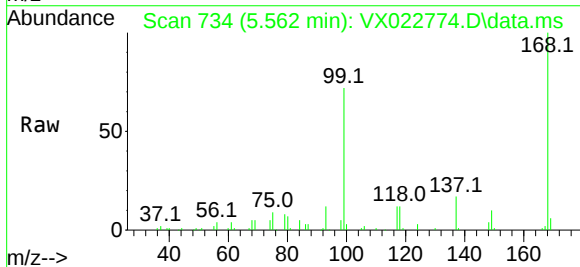
Instrument :
MSVOA_X
ClientSampleId :
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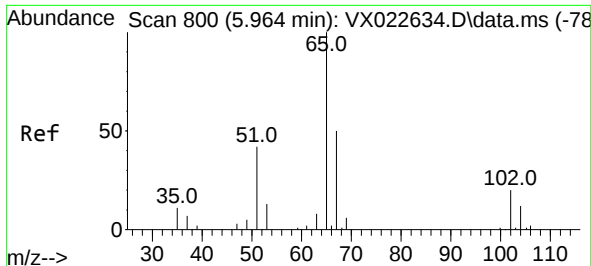
Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#31
Cyclohexane
Concen: 1.372 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

Tgt Ion: 56 Resp: 1615
Ion Ratio Lower Upper
56 100
69 132.4 25.3 37.9#
84 135.7 71.4 107.0#

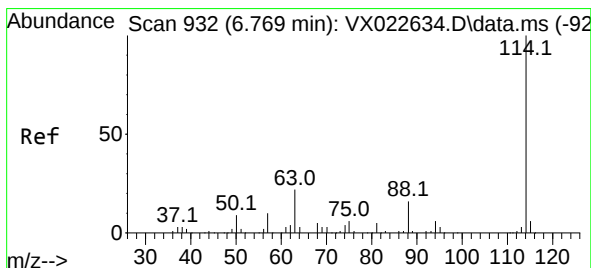
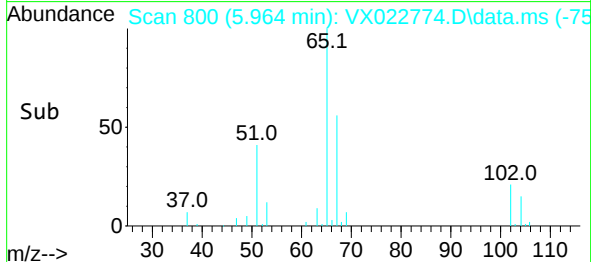
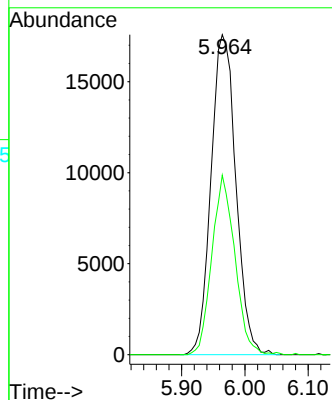
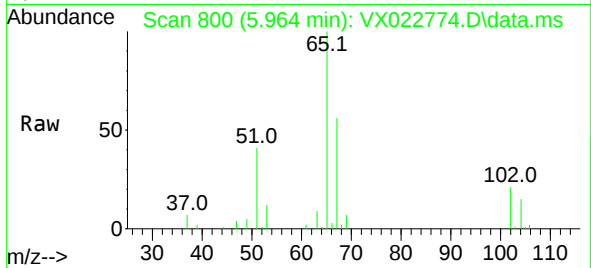




#33
1,2-Dichloroethane-d4
Concen: 49.053 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

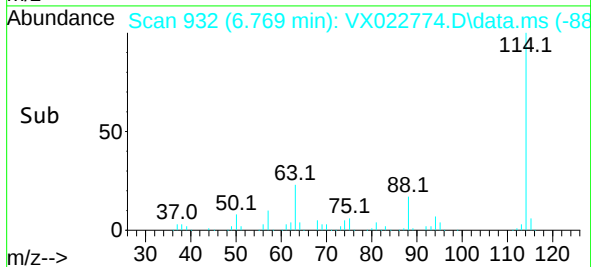
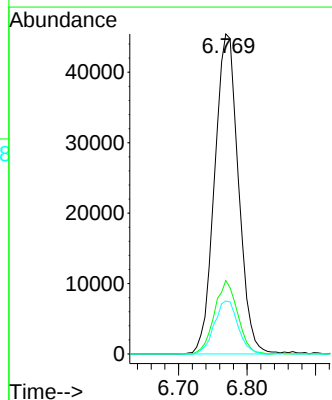
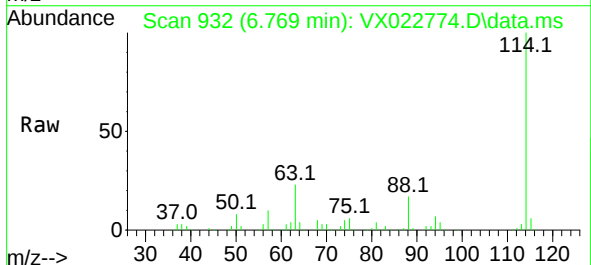
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

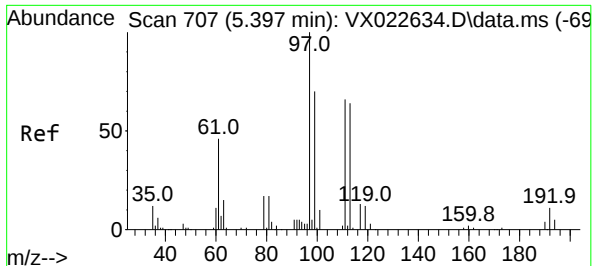
Tgt Ion: 65 Resp: 47868
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

Tgt Ion: 114 Resp: 109641
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 16.5 0.0 32.8

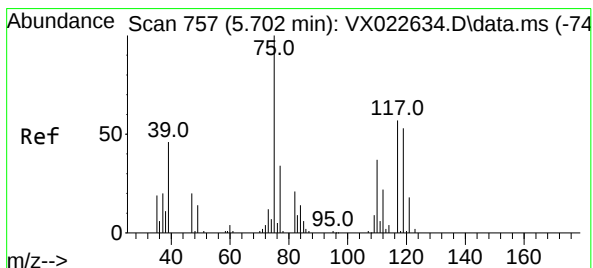
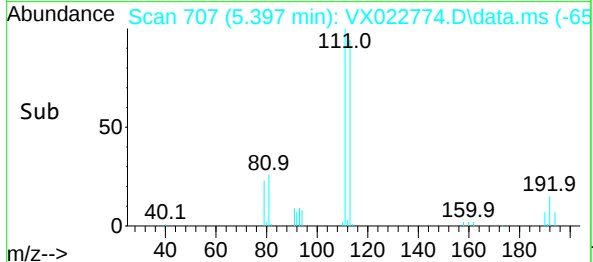
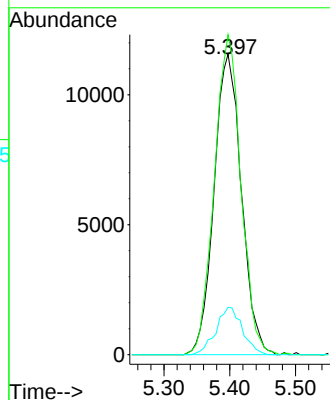
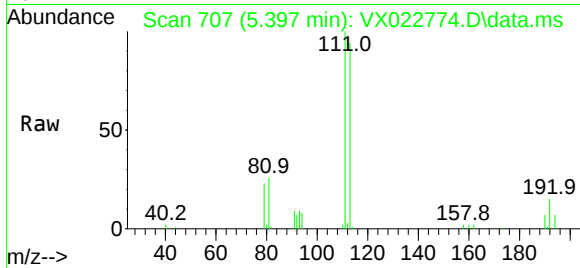




#35
Dibromofluoromethane
Concen: 47.777 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

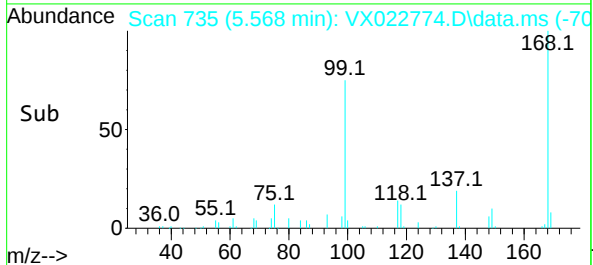
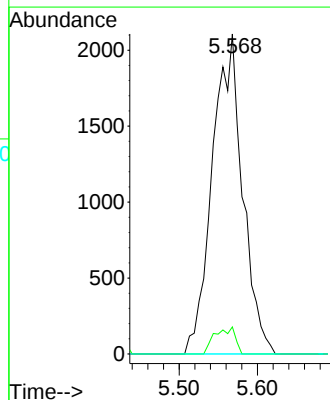
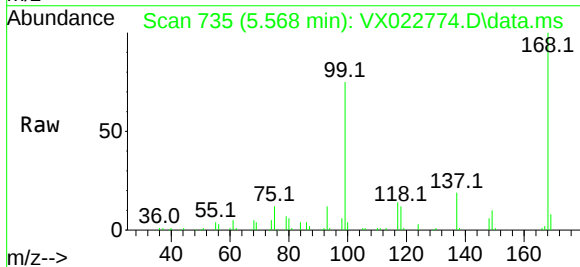
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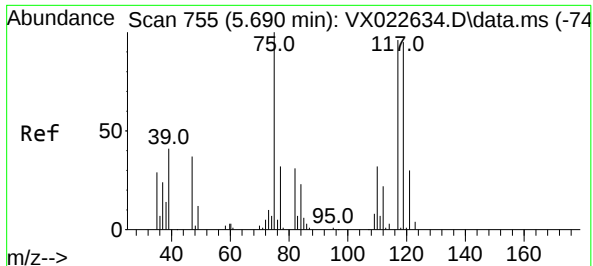
Tgt Ion:113 Resp: 33422
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 15.3 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.159 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

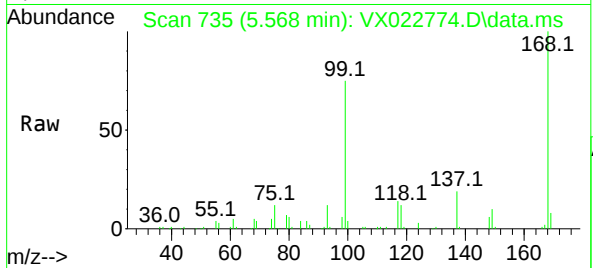
Tgt Ion: 75 Resp: 5636
Ion Ratio Lower Upper
75 100
110 5.7 18.1 54.4#
77 0.0 25.3 37.9#



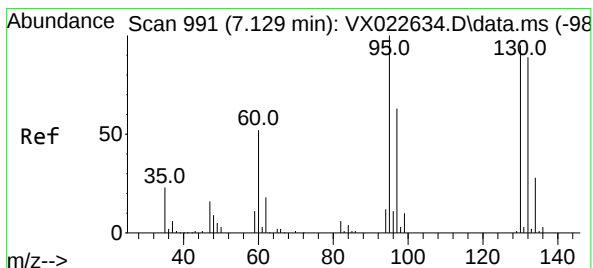
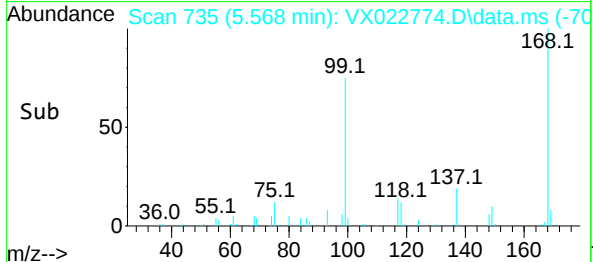
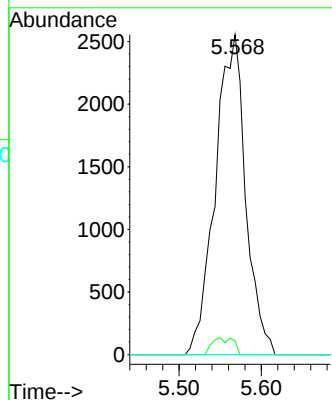


#38
Carbon Tetrachloride
Concen: 7.010 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.110 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

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

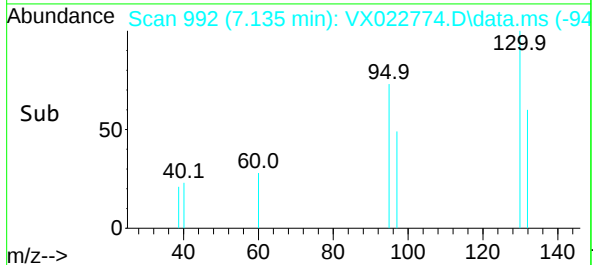
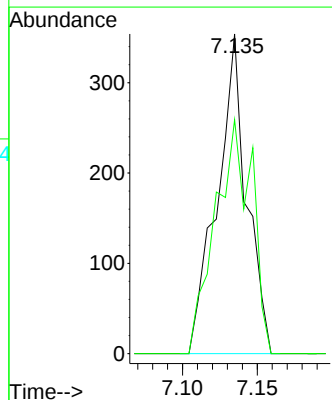
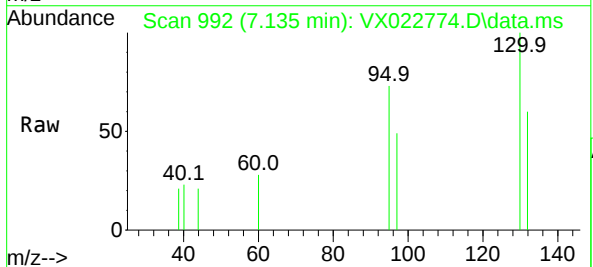


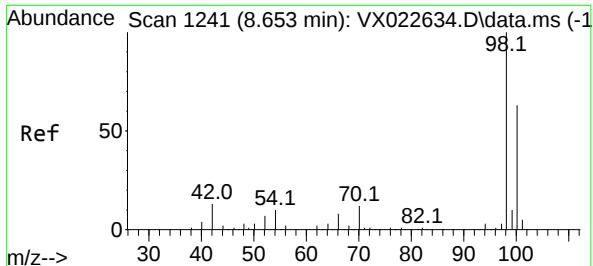
Tgt Ion:117 Resp: 6551
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.633 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

Tgt Ion:130 Resp: 483
Ion Ratio Lower Upper
130 100
95 73.2 0.0 198.0

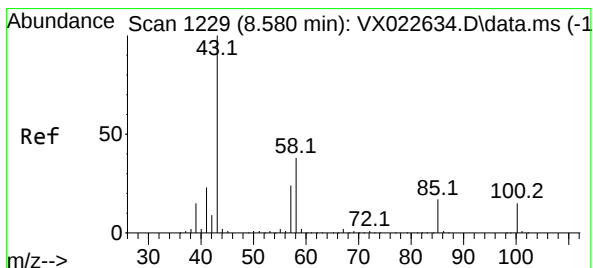
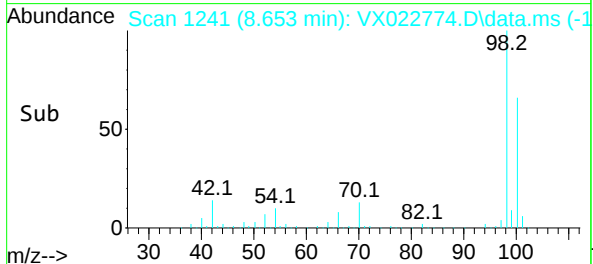
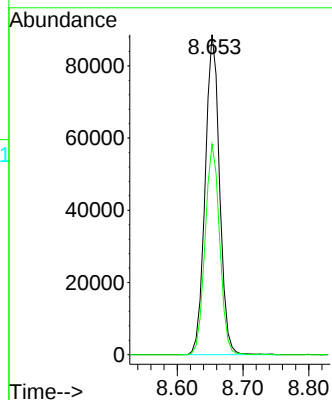
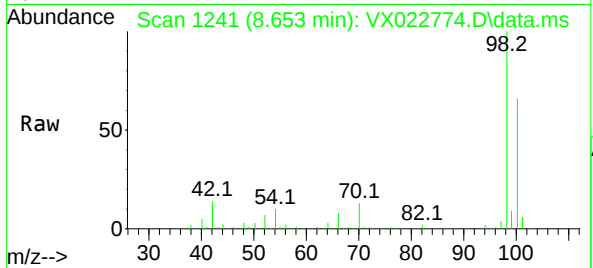




#50
Toluene-d8
Concen: 48.924 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

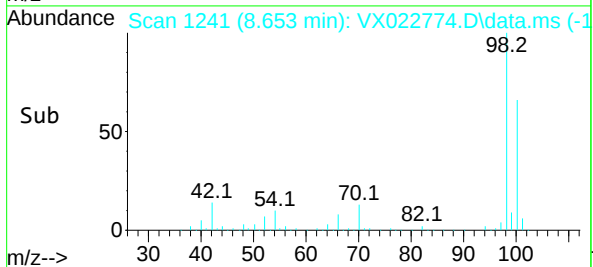
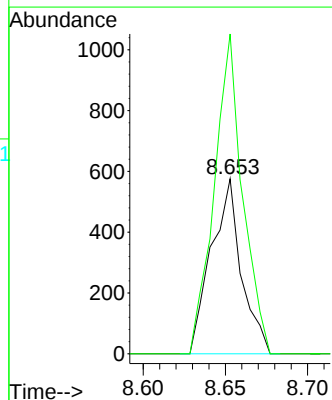
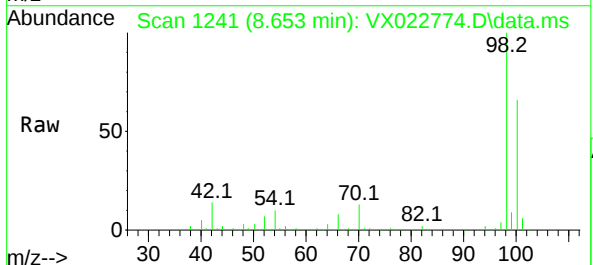
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

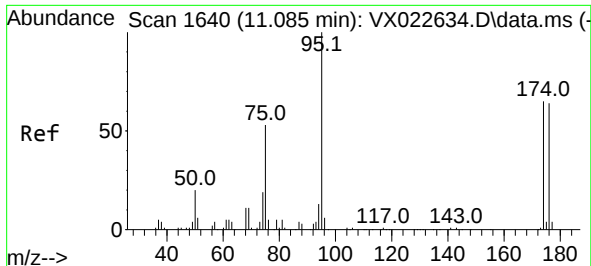
Tgt Ion: 98 Resp: 134913
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.525 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
58 172.9 35.4 53.0#

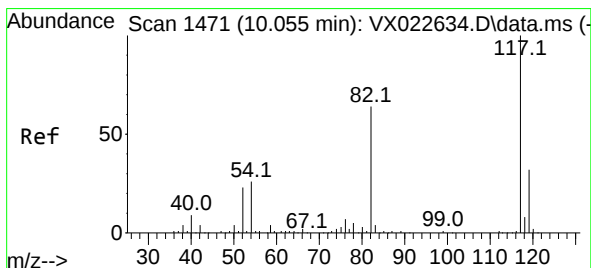
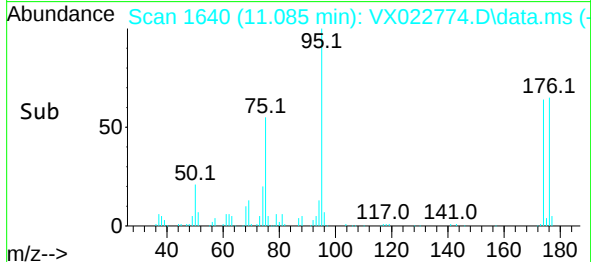
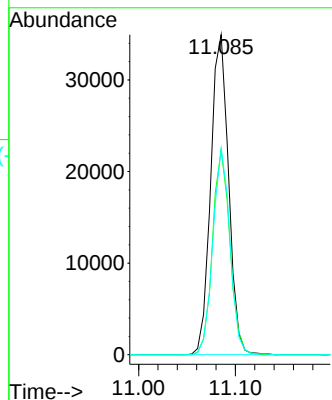
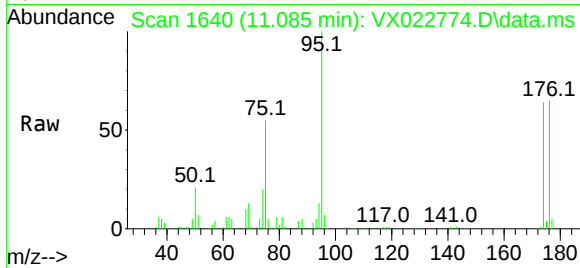




#62
4-Bromofluorobenzene
Concen: 42.999 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

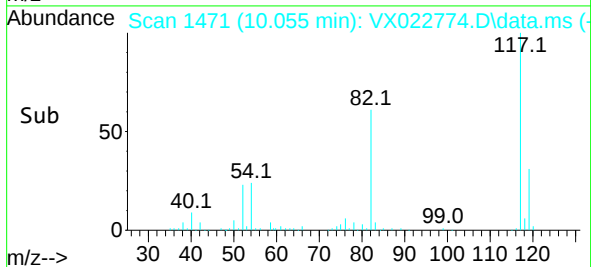
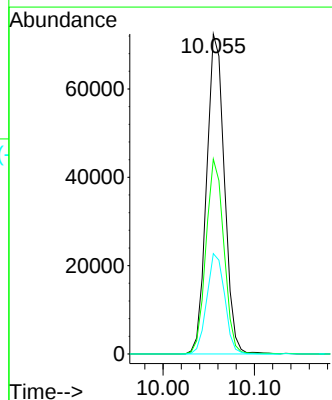
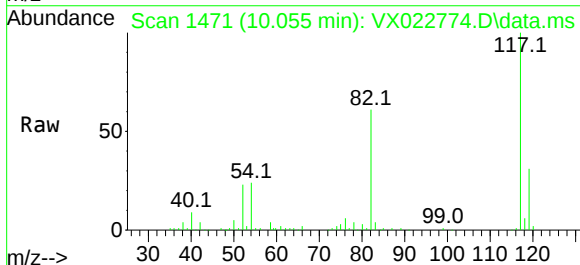
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

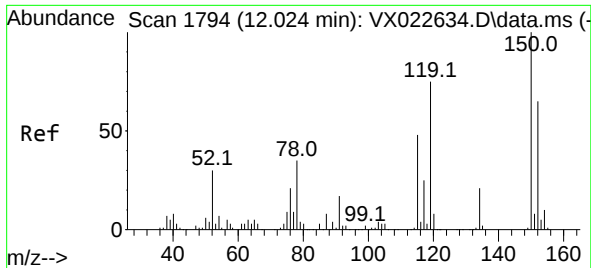
Tgt Ion: 95 Resp: 44845
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 61.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022774.D
Acq: 18 Jun 2021 18:09

Tgt Ion: 117 Resp: 97519
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 31.3 26.6 39.8

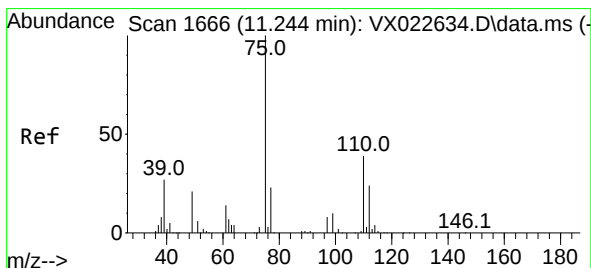
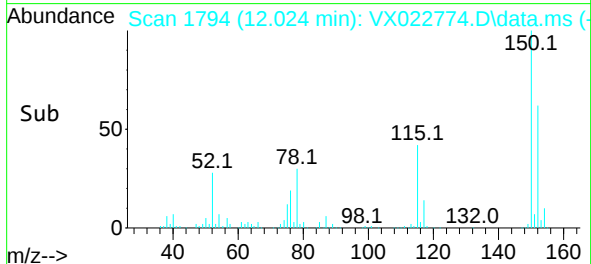
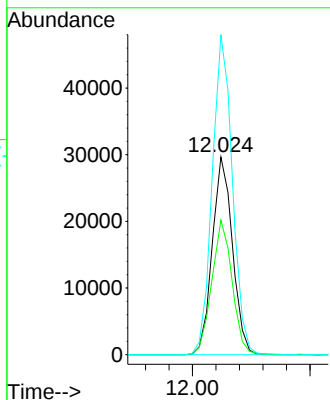
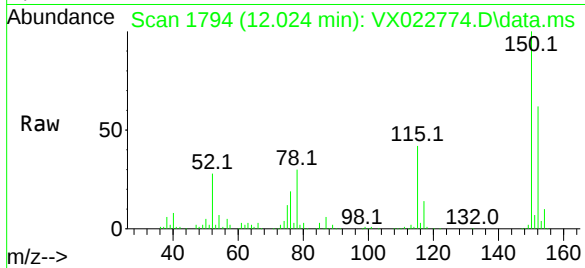




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022774.D
 Acq: 18 Jun 2021 18:09

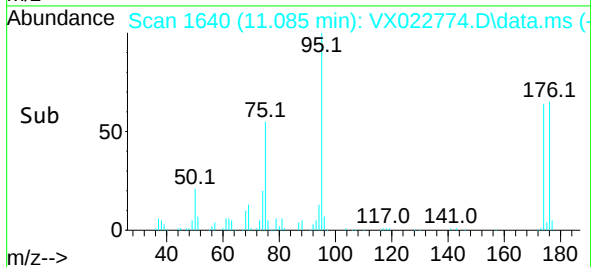
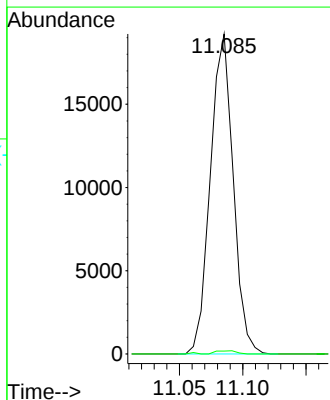
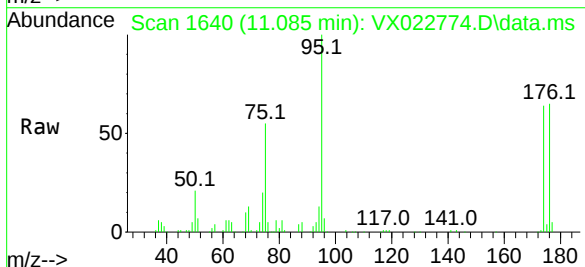
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

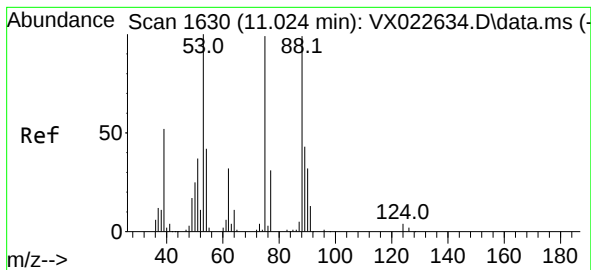
Tgt Ion:152 Resp: 35451
 Ion Ratio Lower Upper
 152 100
 115 68.5 41.1 123.3
 150 161.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.694 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022774.D
 Acq: 18 Jun 2021 18:09

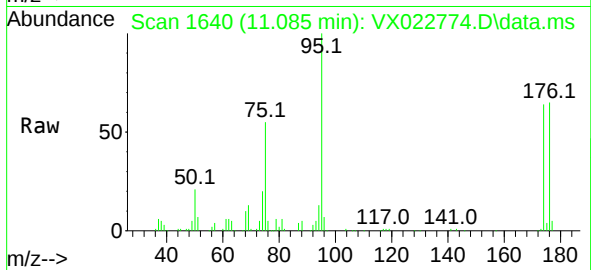
Tgt Ion: 75 Resp: 24151
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.528 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022774.D
 Acq: 18 Jun 2021 18:09

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



Tgt Ion: 75 Resp: 24151
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

