

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022365.D
 Acq On : 03 Jun 2021 14:49
 Operator : JC/MD
 Sample : M2567-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 04 03:51:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

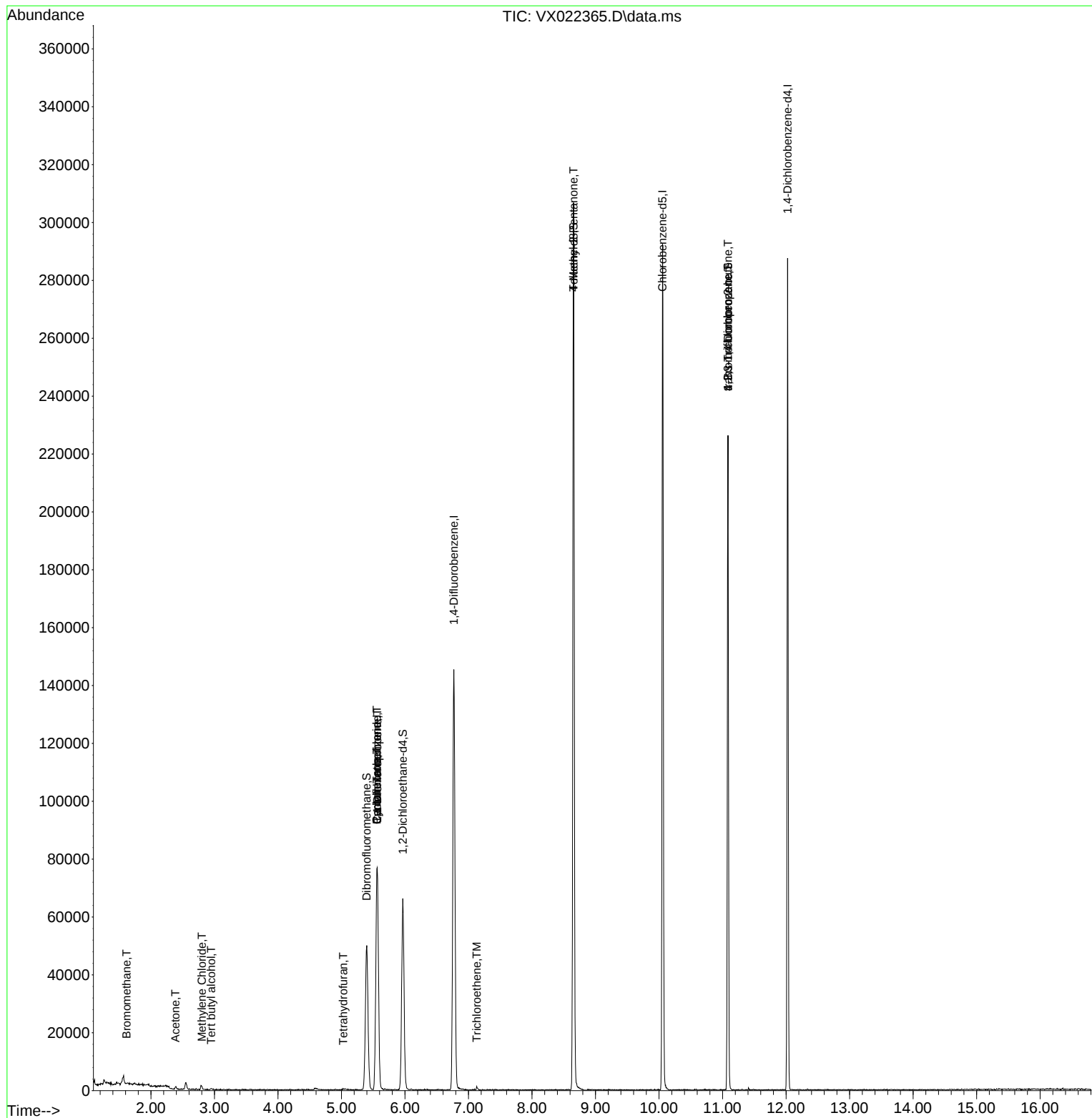
Internal Standards						
1) Pentafluorobenzene	5.556	168	68597	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	145739	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59092	55.84	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	111.68%		
35) Dibromofluoromethane	5.397	113	43284	46.83	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.66%		
50) Toluene-d8	8.653	98	175095	49.18	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.36%		
62) 4-Bromofluorobenzene	11.085	95	61336	46.61	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.22%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	123	0.22	ug/l	95
11) Tert butyl alcohol	2.947	59	131	0.54	ug/l #	73
16) Acetone	2.386	43	795	1.73	ug/l	89
20) Methylene Chloride	2.800	84	635	0.62	ug/l #	75
29) Tetrahydrofuran	5.025	42	219	0.49	ug/l #	35
31) Cyclohexane	5.556	56	1786	1.34	ug/l #	8
36) 1,1-Dichloropropene	5.562	75	6820	5.06	ug/l #	47
38) Carbon Tetrachloride	5.556	117	7815	5.93	ug/l #	18
44) Trichloroethene	7.129	130	341	0.33	ug/l	46
51) 4-Methyl-2-Pentanone	8.653	43	855	0.53	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	32581	26.52	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	32581	62.83	ug/l #	12

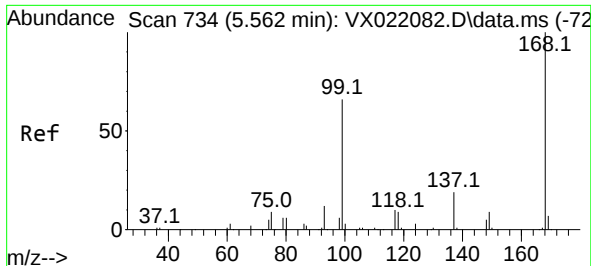
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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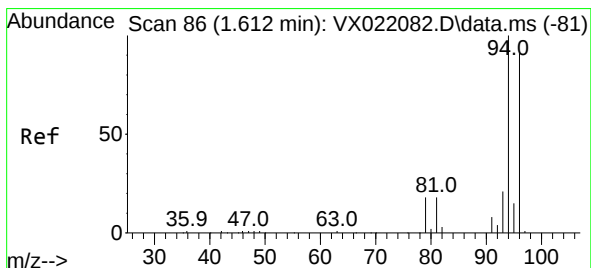
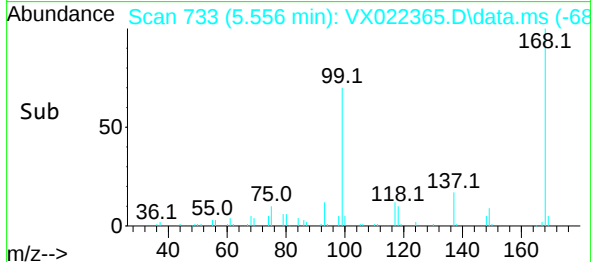
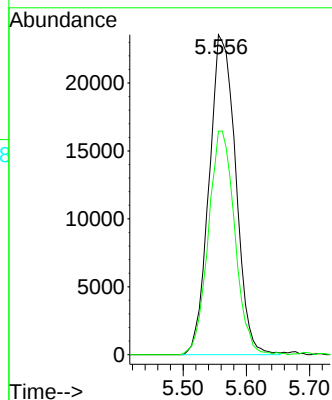
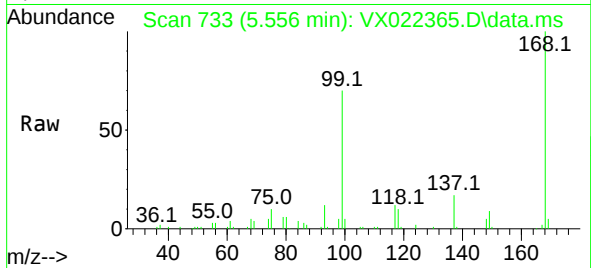




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

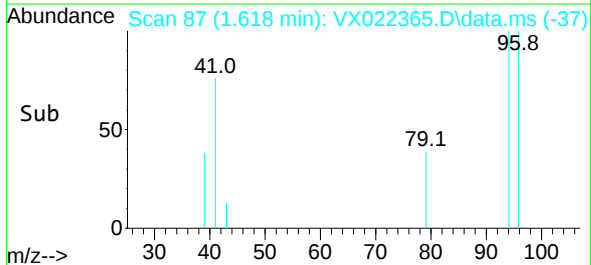
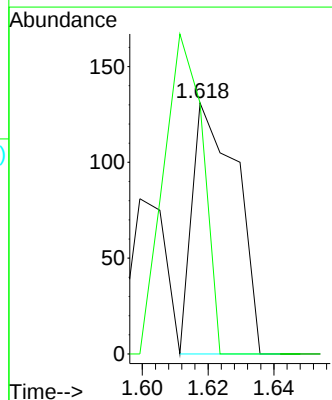
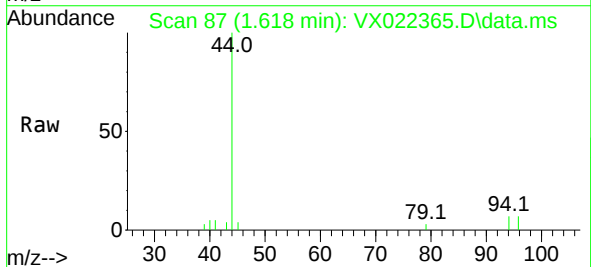
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

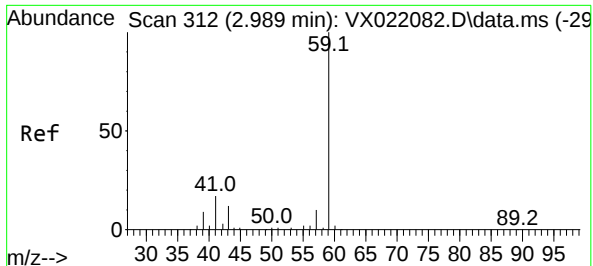
Tgt Ion:168 Resp: 68597
Ion Ratio Lower Upper
168 100
99 69.8 45.8 68.6#



#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 100.0 76.4 114.6



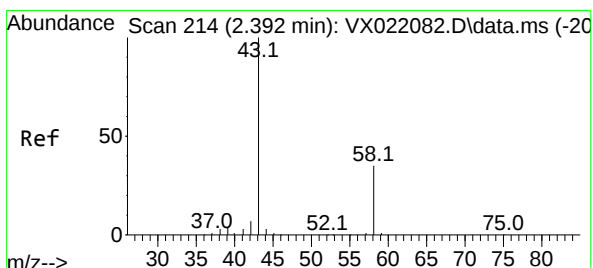
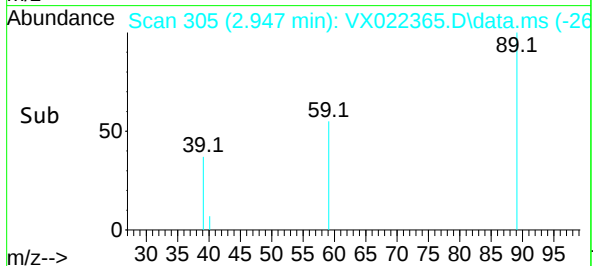
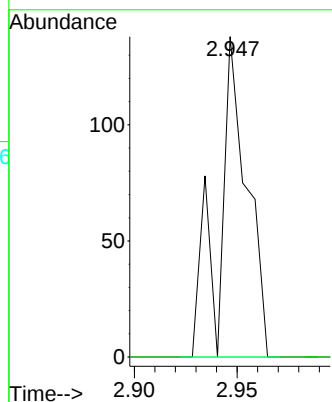
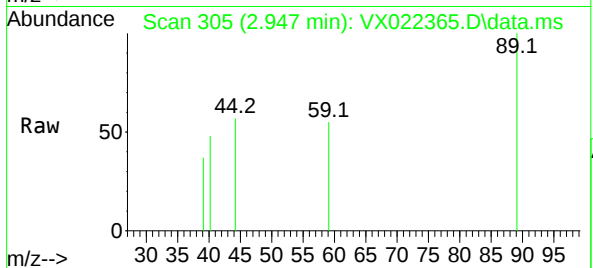


#11

Tert butyl alcohol
Concen: 0.54 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

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

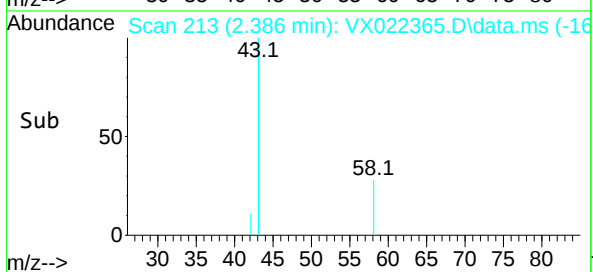
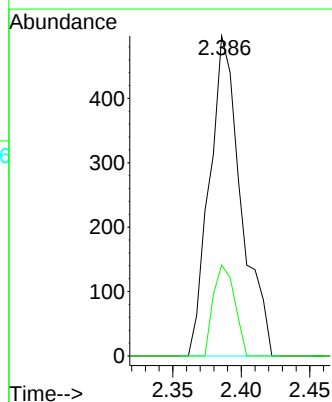
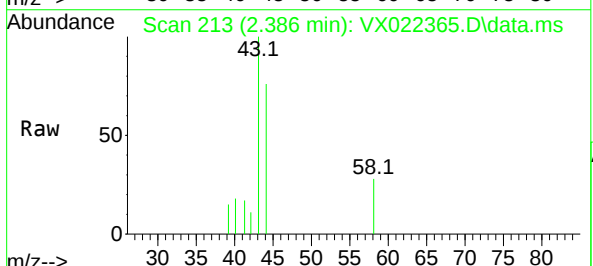
Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

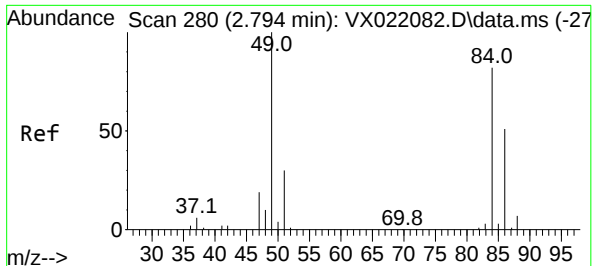


#16

Acetone
Concen: 1.73 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

Tgt Ion: 43 Resp: 795
Ion Ratio Lower Upper
43 100
58 28.4 27.8 41.8





#20

Methylene Chloride

Concen: 0.62 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022365.D

Acq: 03 Jun 2021 14:49

Tgt Ion: 84 Resp: 635

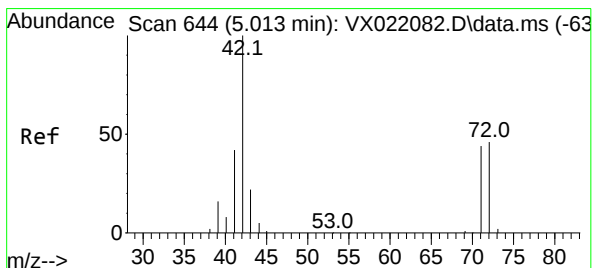
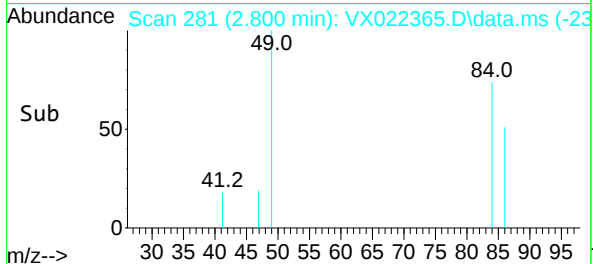
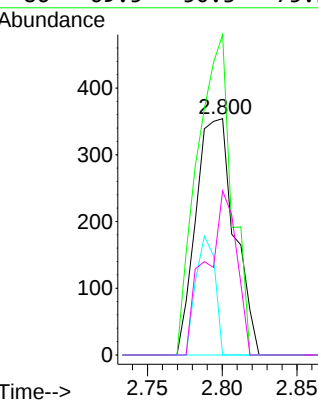
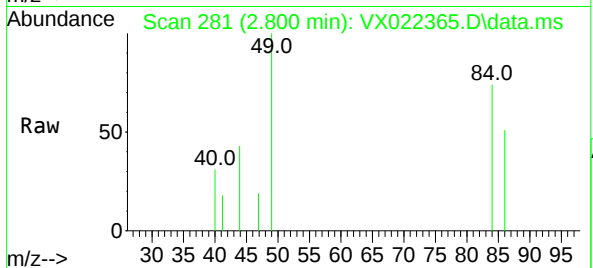
Ion Ratio Lower Upper

84 100

49 135.6 88.6 132.8#

51 0.0 27.0 40.6#

86 69.5 50.3 75.5



#29

Tetrahydrofuran

Concen: 0.49 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.012 min

Lab File: VX022365.D

Acq: 03 Jun 2021 14:49

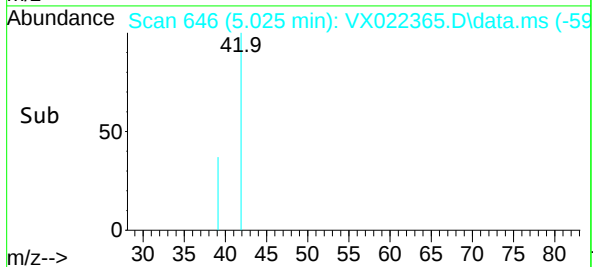
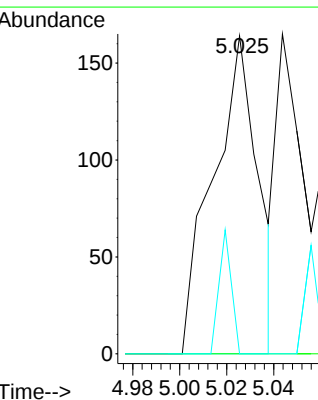
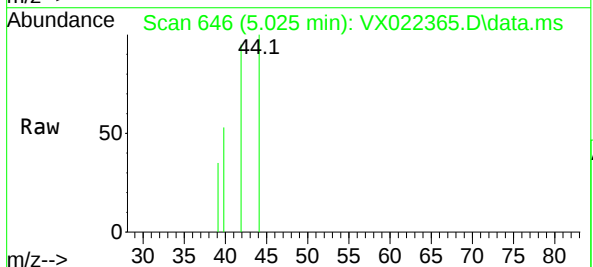
Tgt Ion: 42 Resp: 219

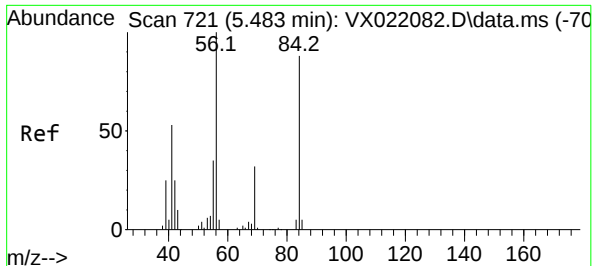
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 10.5 38.4 57.6#

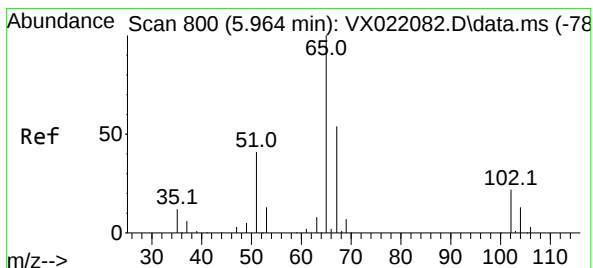
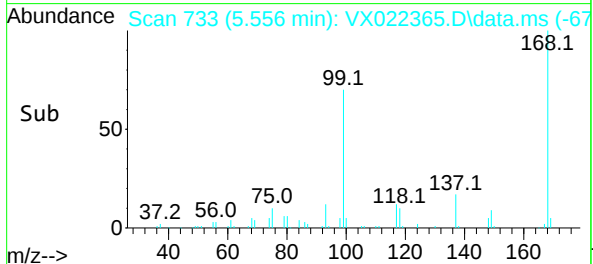
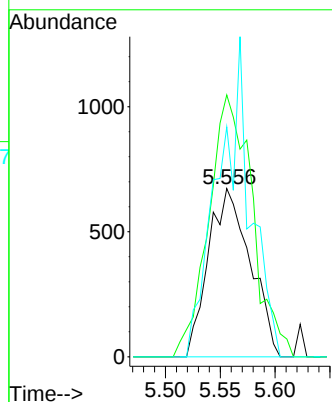
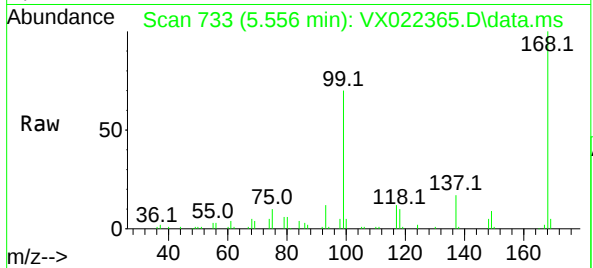




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

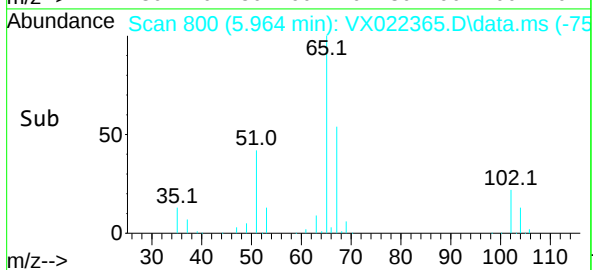
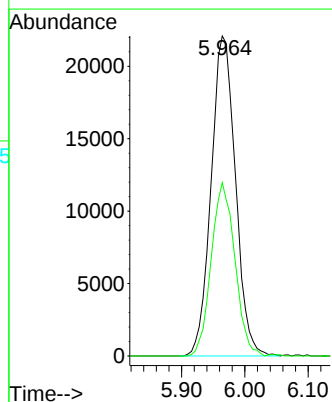
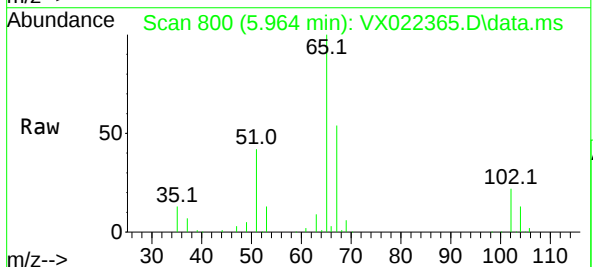
Instrument :
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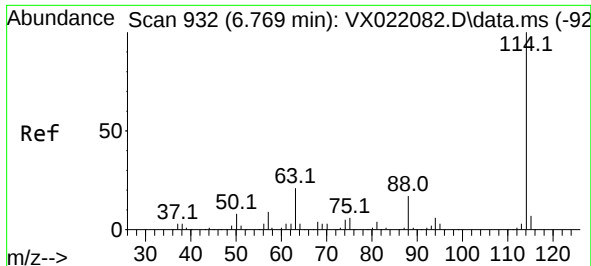
Tgt Ion: 56 Resp: 1786
Ion Ratio Lower Upper
56 100
69 146.8 25.3 37.9#
84 136.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 55.84 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

Tgt Ion: 65 Resp: 59092
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

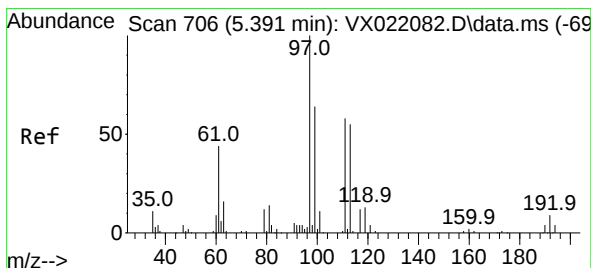
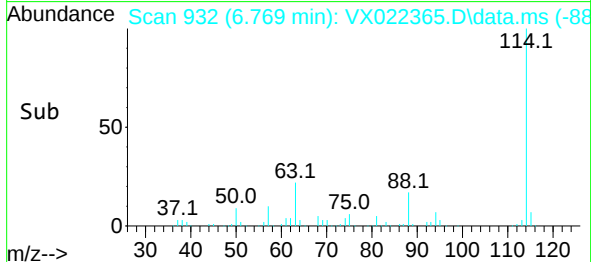
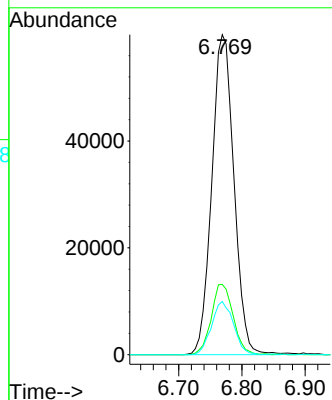
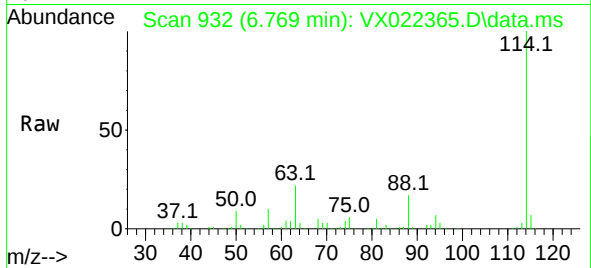




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

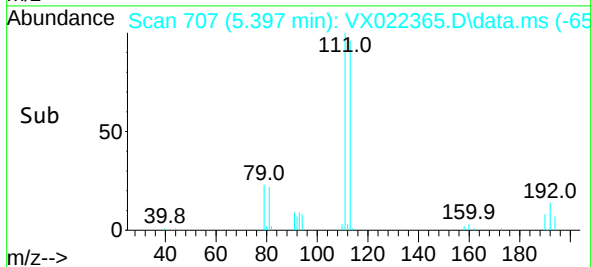
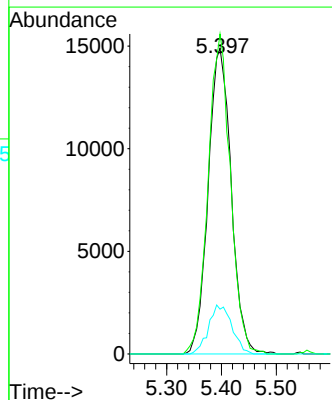
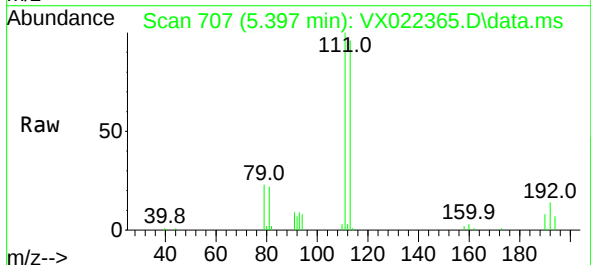
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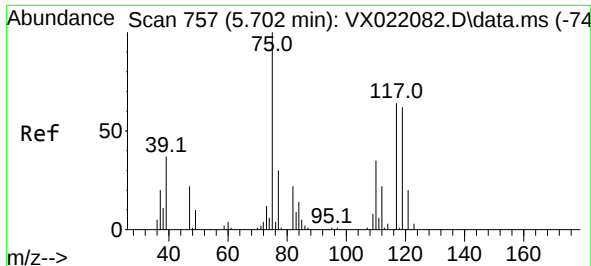
Tgt Ion:114 Resp: 145739
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.83 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

Tgt Ion:113 Resp: 43284
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 16.2 16.7 25.1#

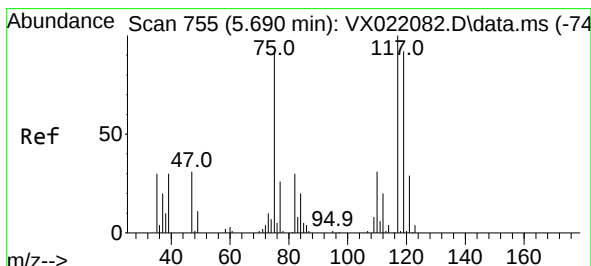
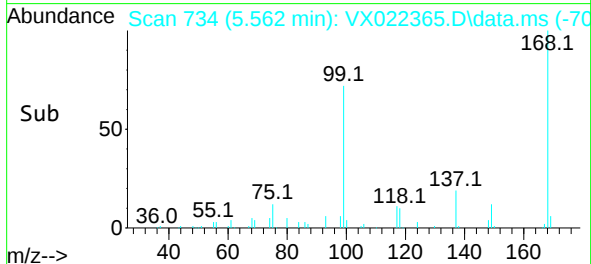
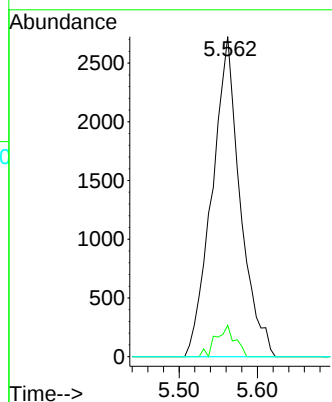
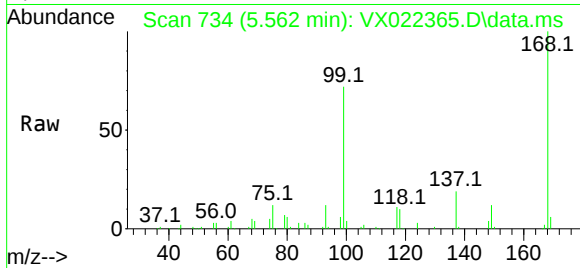




#36
1,1-Dichloropropene
Concen: 5.06 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

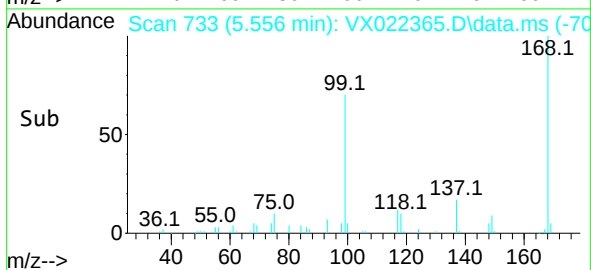
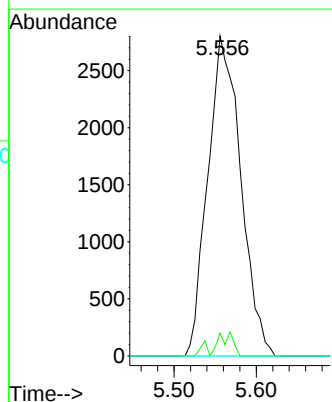
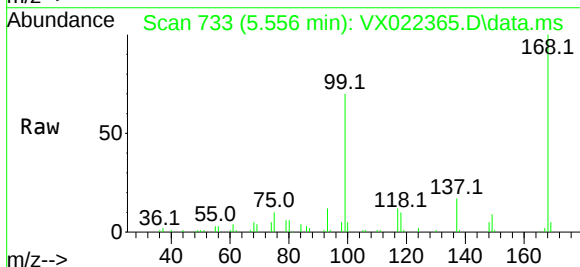
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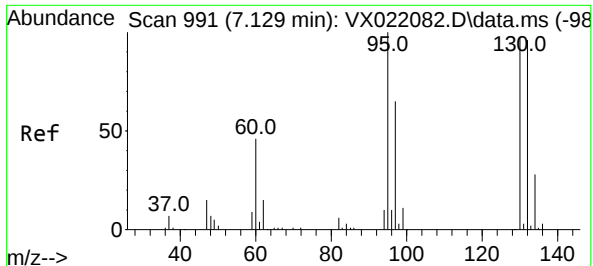
Tgt Ion: 75 Resp: 6820
Ion Ratio Lower Upper
75 100
110 6.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.93 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

Tgt Ion: 117 Resp: 7815
Ion Ratio Lower Upper
117 100
119 7.2 76.2 114.2#
121 0.0 24.8 37.2#

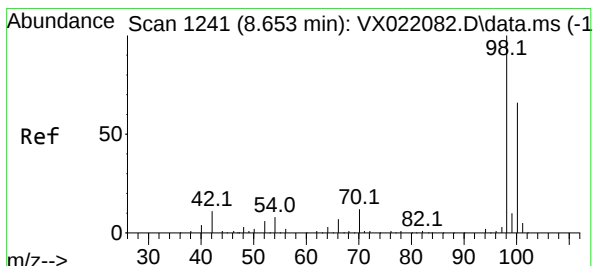
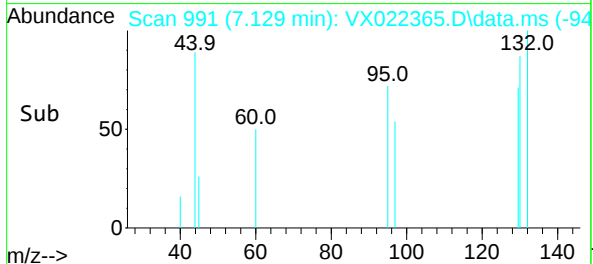
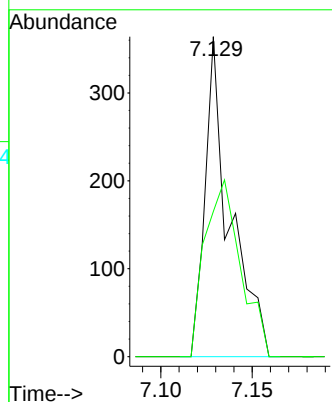
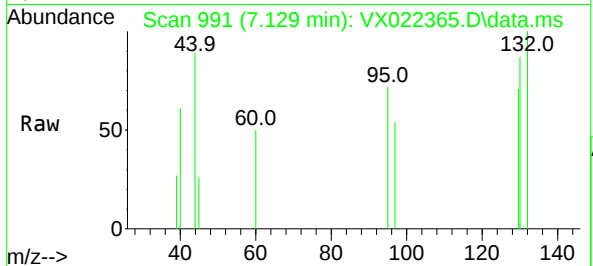




#44
Trichloroethene
Concen: 0.33 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

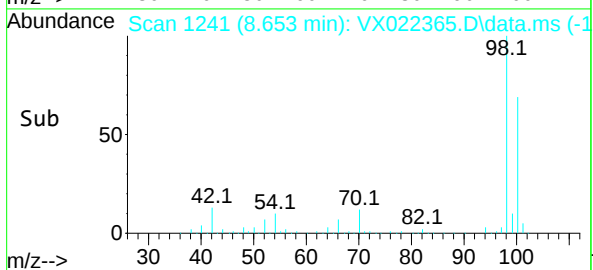
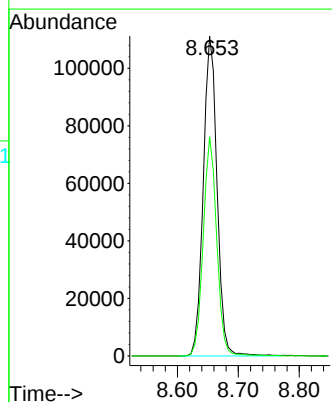
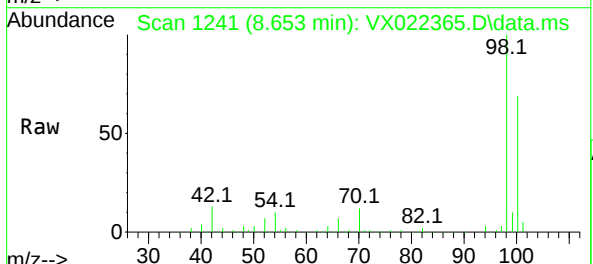
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

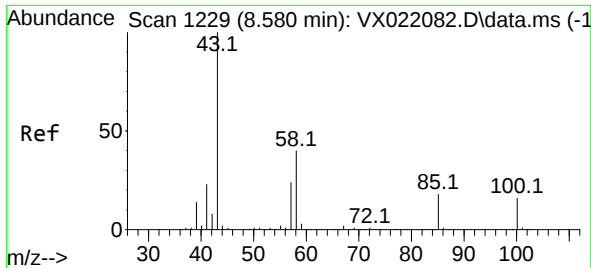
Tgt Ion:130 Resp: 341
Ion Ratio Lower Upper
130 100
95 45.3 0.0 198.0



#50
Toluene-d8
Concen: 49.18 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

Tgt Ion: 98 Resp: 175095
Ion Ratio Lower Upper
98 100
100 67.1 51.9 77.9

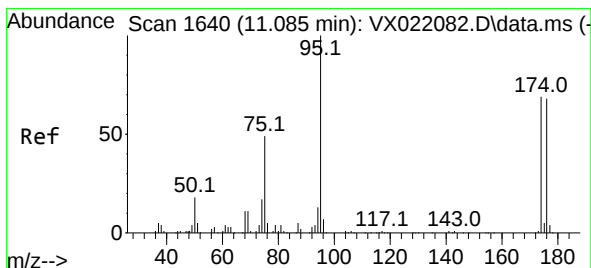
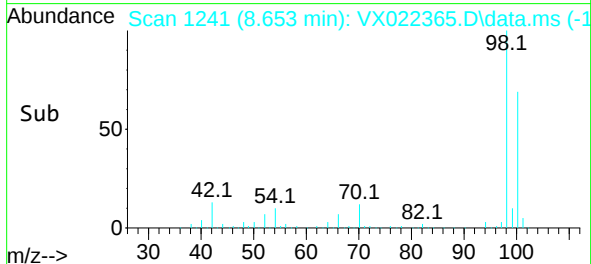
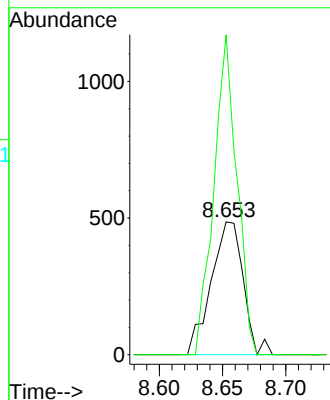
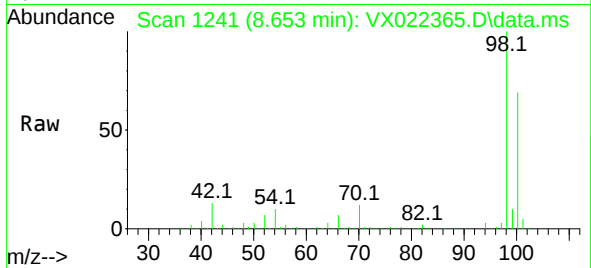




#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

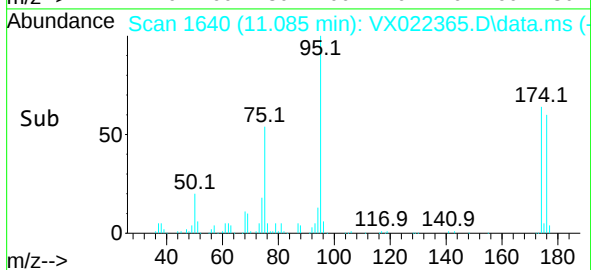
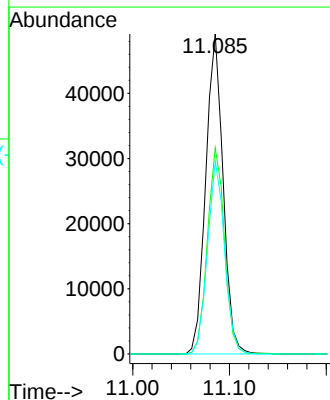
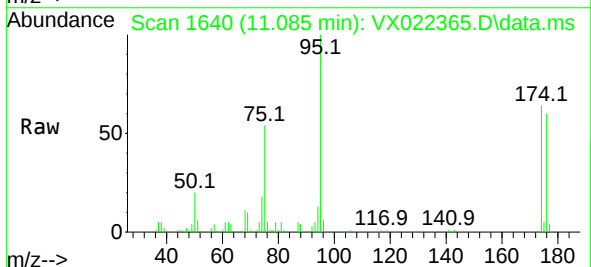
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

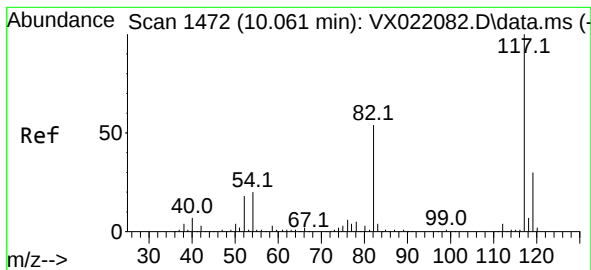
Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 174.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.61 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

Tgt Ion: 95 Resp: 61336
Ion Ratio Lower Upper
95 100
174 63.4 0.0 154.6
176 59.3 0.0 155.8

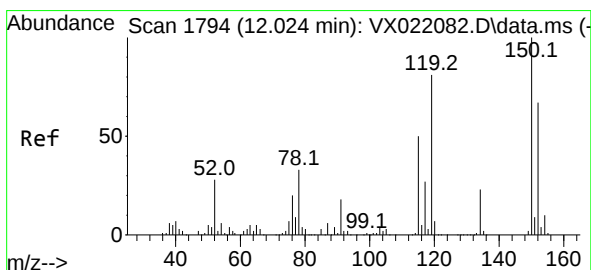
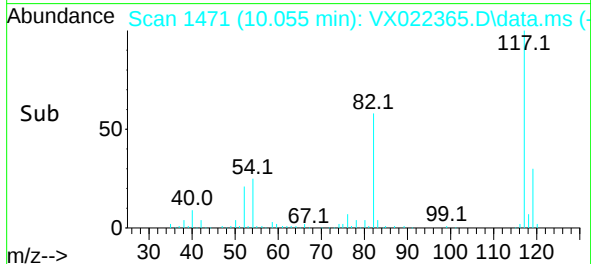
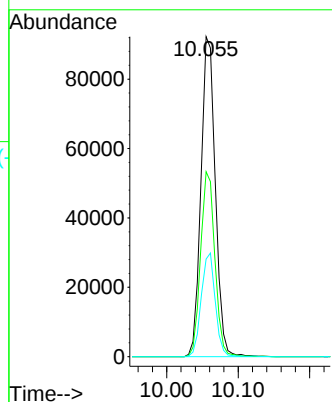
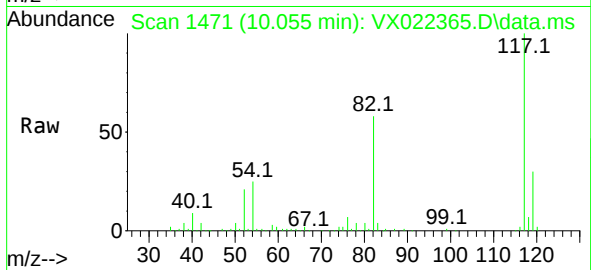




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

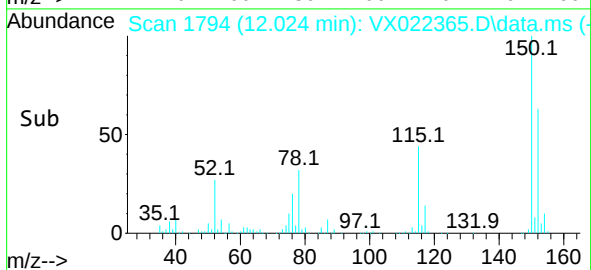
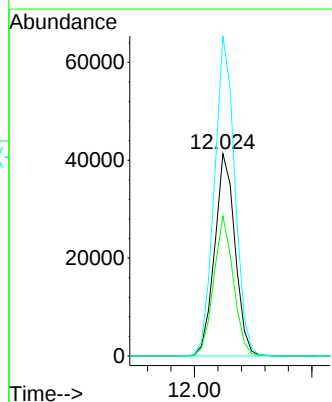
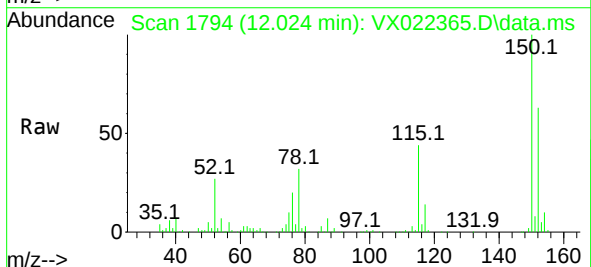
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

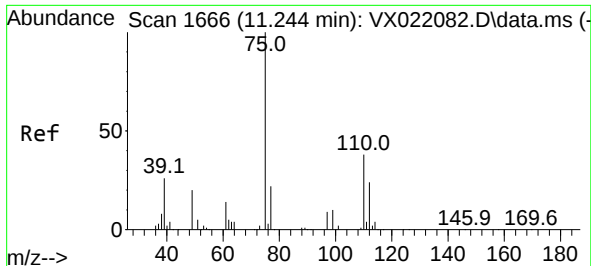
Tgt Ion:117 Resp: 128791
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 30.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

Tgt Ion:152 Resp: 49805
Ion Ratio Lower Upper
152 100
115 66.4 41.1 123.3
150 158.1 0.0 349.0

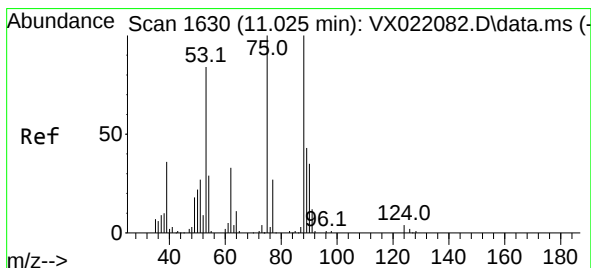
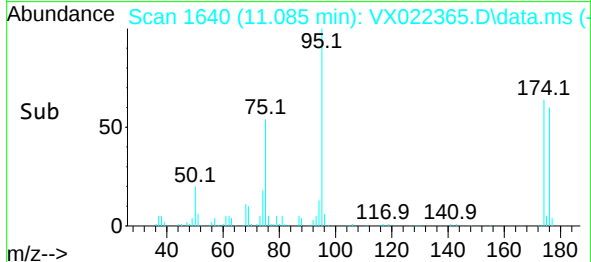
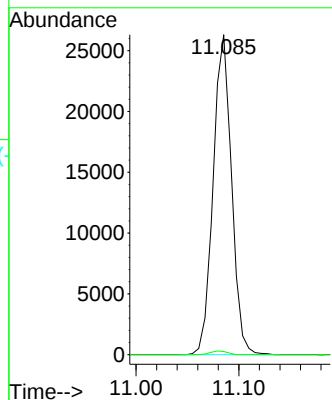
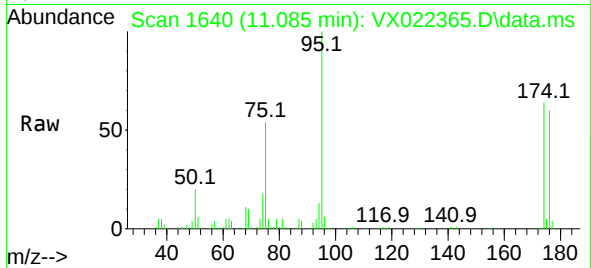




#76
1,2,3-Trichloropropane
Concen: 26.52 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

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

Tgt Ion: 75 Resp: 32581
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.83 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022365.D
Acq: 03 Jun 2021 14:49

Tgt Ion: 75 Resp: 32581
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

