

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023325.D
 Acq On : 16 Jul 2021 14:21
 Operator : JC/MD
 Sample : M3087-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 17 02:09:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

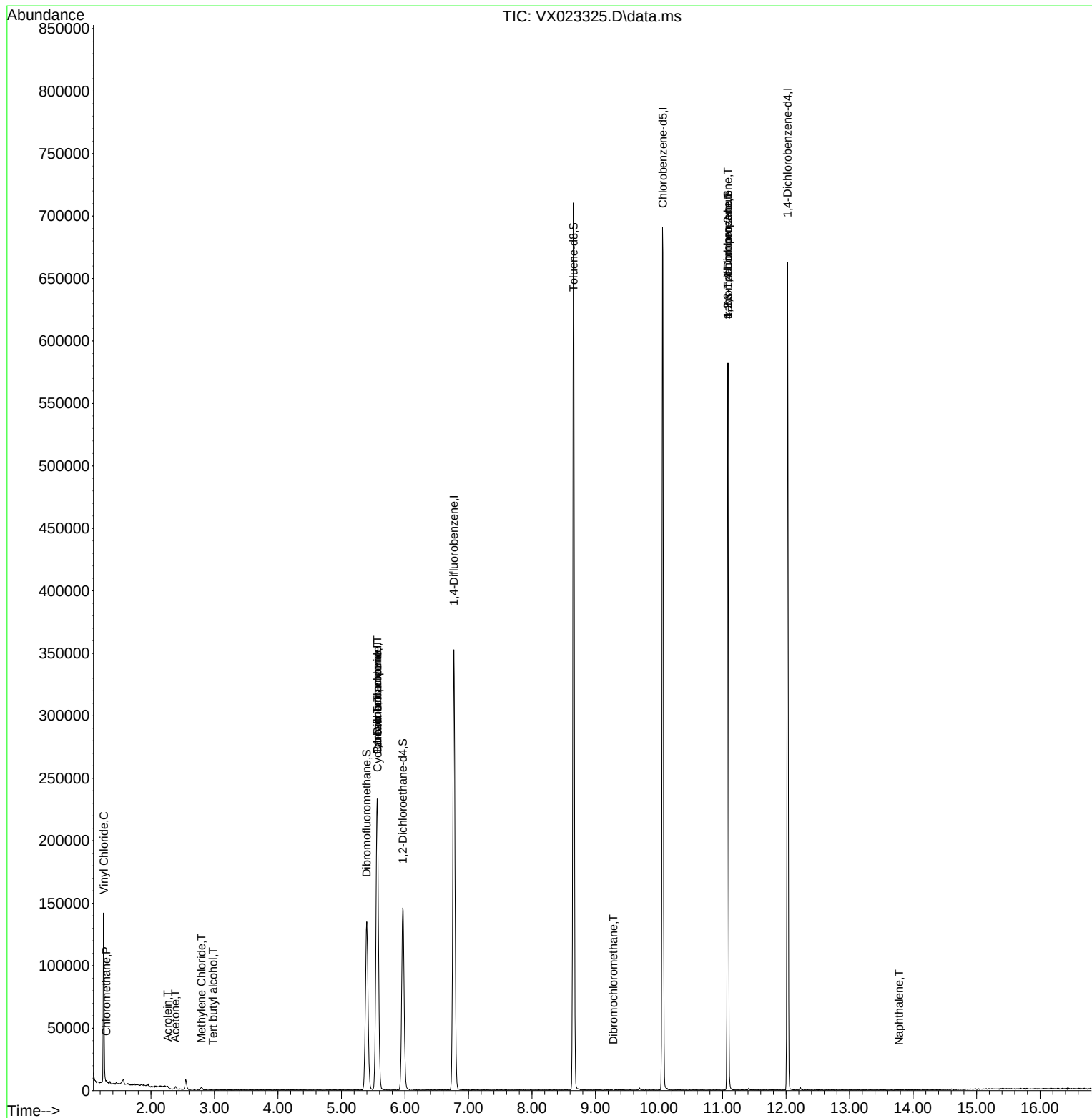
Internal Standards						
1) Pentafluorobenzene	5.562	168	214714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	351003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	311673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	151424	52.473	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.940%		
35) Dibromofluoromethane	5.397	113	114879	50.683	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.360%		
50) Toluene-d8	8.653	98	414109	48.978	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.960%		
62) 4-Bromofluorobenzene	11.085	95	152520	46.726	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.460%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	671	0.349	ug/l	96
4) Vinyl Chloride	1.258	62	1219	0.598	ug/l #	43
5) Bromomethane	1.611	94	550	Below Cal	#	59
11) Tert butyl alcohol	2.977	59	212	0.349	ug/l #	73
13) Acrolein	2.264	56	115	0.284	ug/l #	58
16) Acetone	2.386	43	2896	2.537	ug/l #	84
20) Methylene Chloride	2.794	84	822	0.334	ug/l #	88
31) Cyclohexane	5.568	56	4588	1.328	ug/l #	15
36) 1,1-Dichloropropene	5.562	75	16893	5.399	ug/l #	50
38) Carbon Tetrachloride	5.562	117	22389	6.855	ug/l #	17
60) Dibromochloromethane	9.281	129	90	3.143	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	78417	29.557	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	78417	79.432	ug/l #	12
95) Naphthalene	13.780	128	74	1.283	ug/l #	69

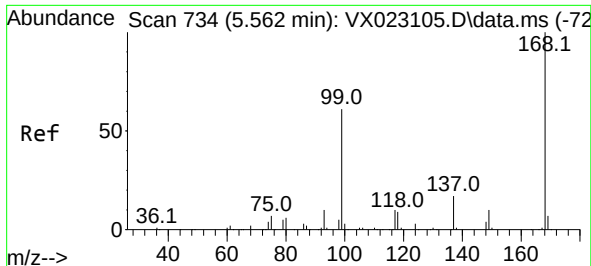
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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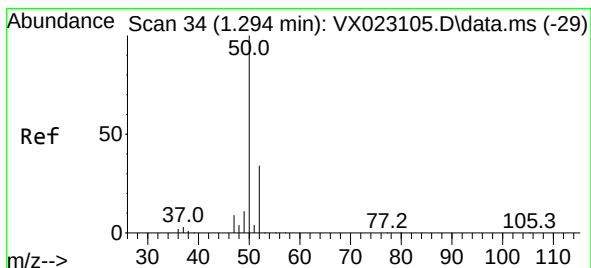
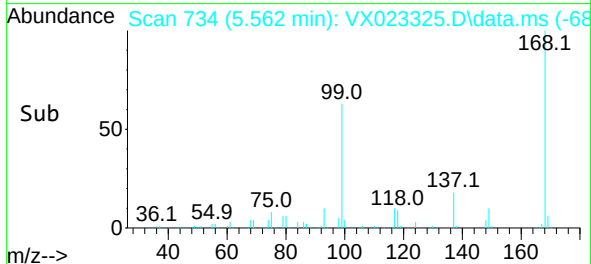
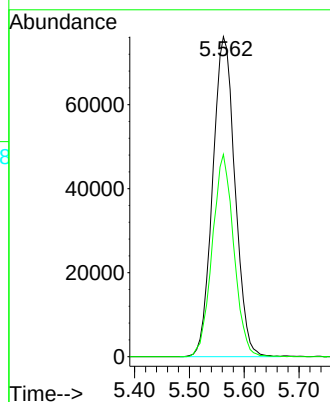
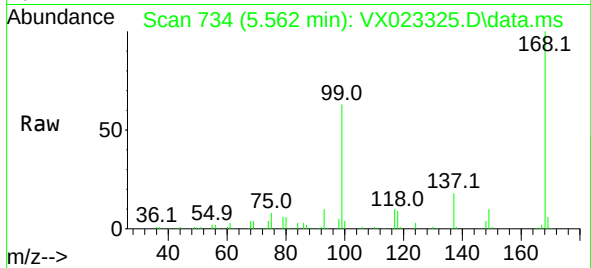




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

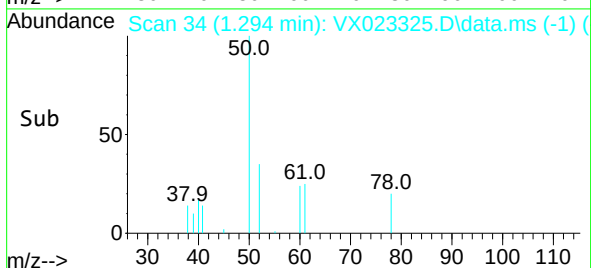
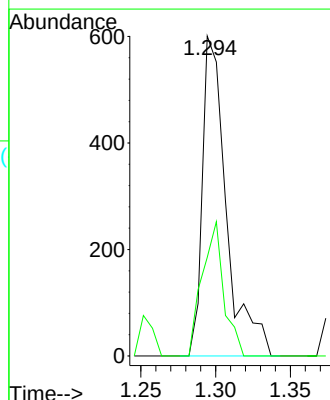
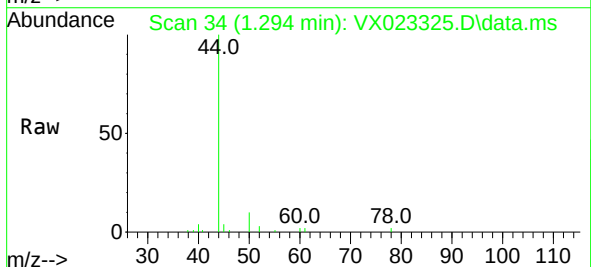
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

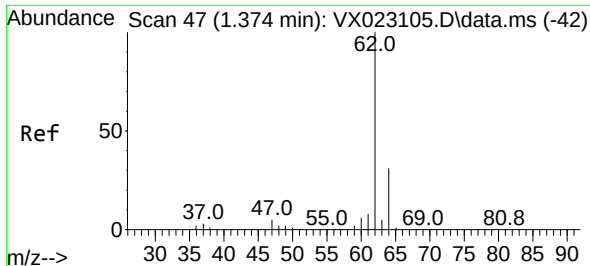
Tgt Ion:168 Resp: 214714
Ion Ratio Lower Upper
168 100
99 63.2 45.8 68.6



#3
Chloromethane
Concen: 0.349 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

Tgt Ion: 50 Resp: 671
Ion Ratio Lower Upper
50 100
52 30.8 26.4 39.6

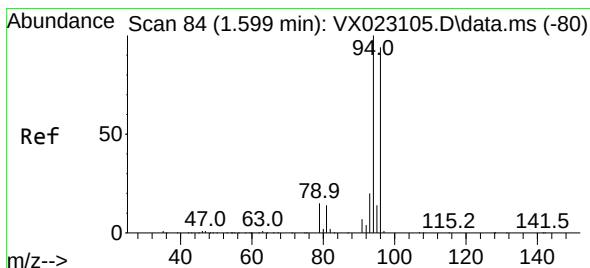
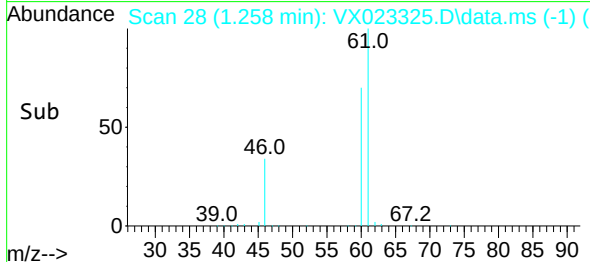
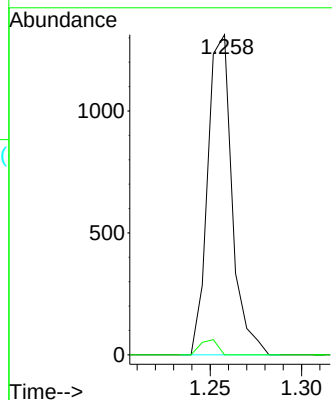
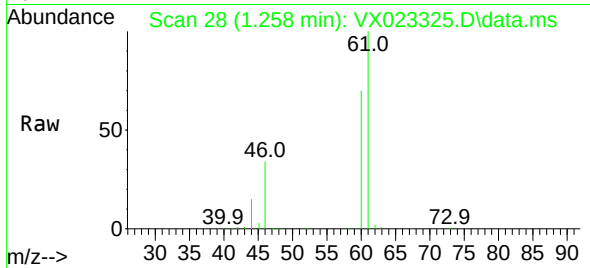




#4
 Vinyl Chloride
 Concen: 0.598 ug/l
 RT: 1.258 min Scan# 28
 Delta R.T. -0.116 min
 Lab File: VX023325.D
 Acq: 16 Jul 2021 14:21

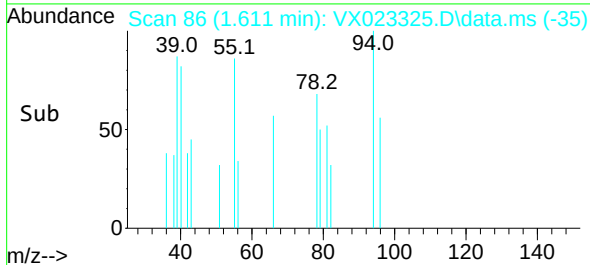
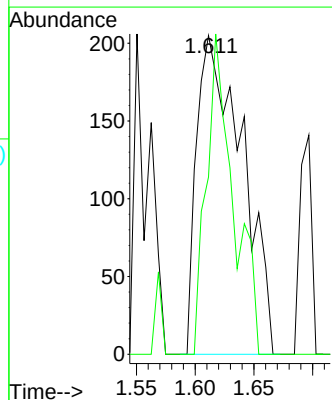
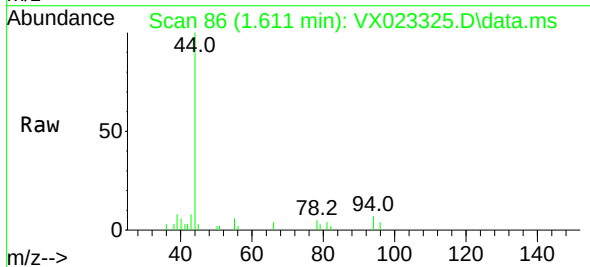
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

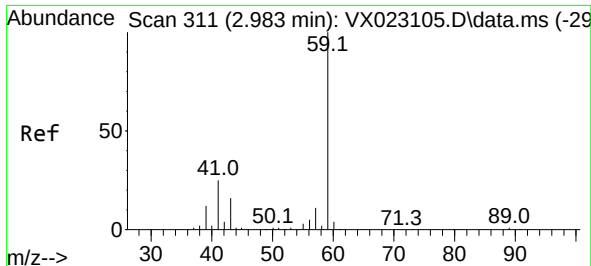
Tgt Ion: 62 Resp: 1219
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.7 38.5#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX023325.D
 Acq: 16 Jul 2021 14:21

Tgt Ion: 94 Resp: 550
 Ion Ratio Lower Upper
 94 100
 96 55.6 76.4 114.6#



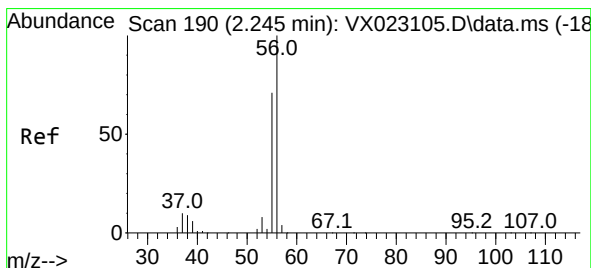
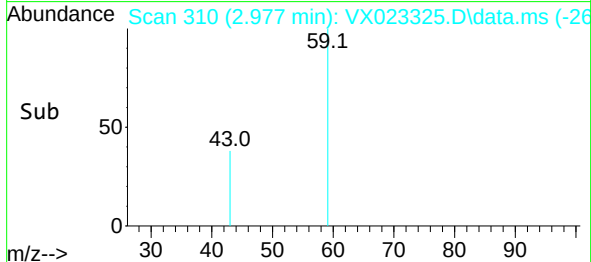
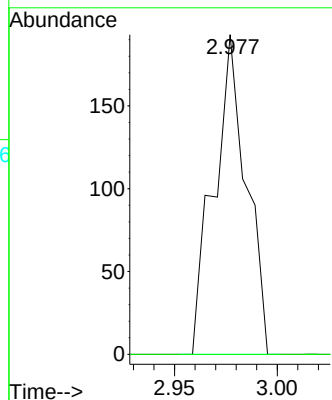
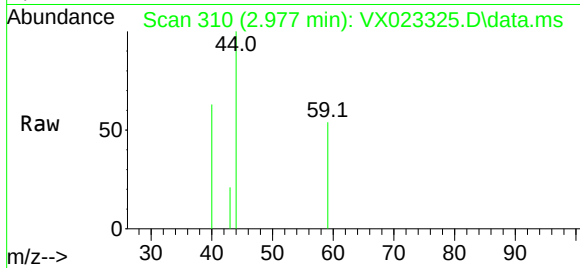


#11

Tert butyl alcohol
Concen: 0.349 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

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

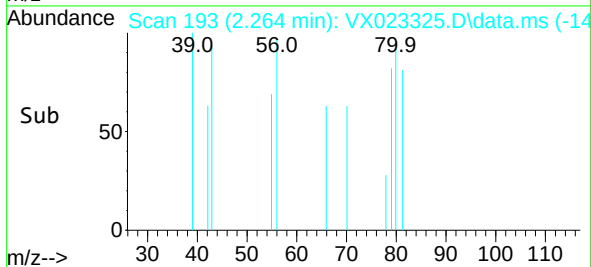
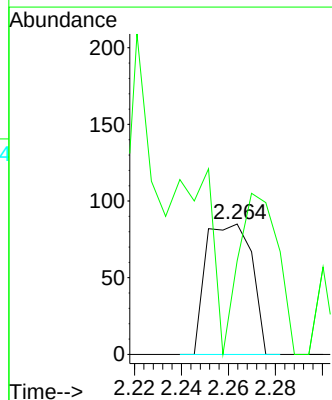
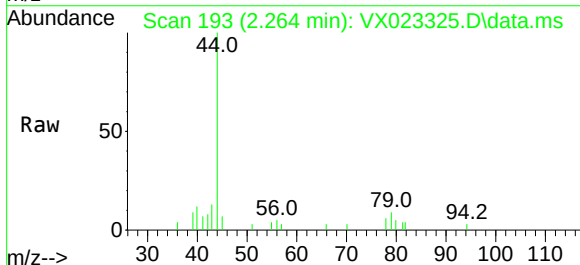
Tgt Ion: 59 Resp: 212
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

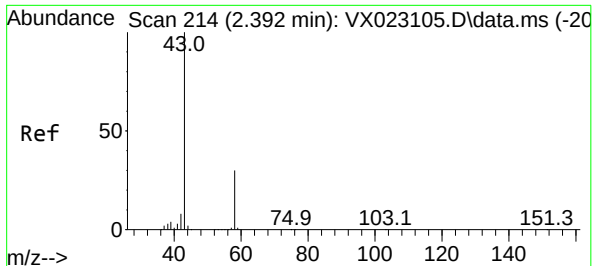


#13

Acrolein
Concen: 0.284 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.019 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

Tgt Ion: 56 Resp: 115
Ion Ratio Lower Upper
56 100
55 105.2 56.4 84.6#

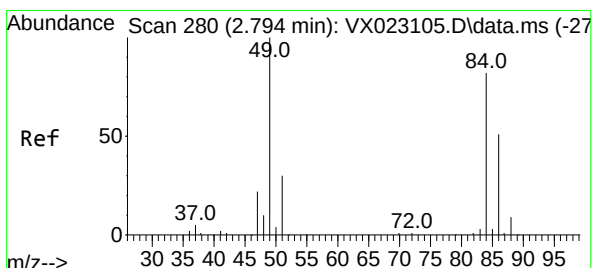
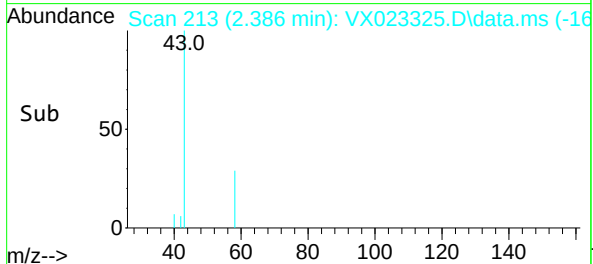
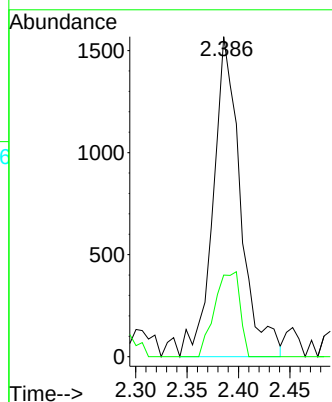
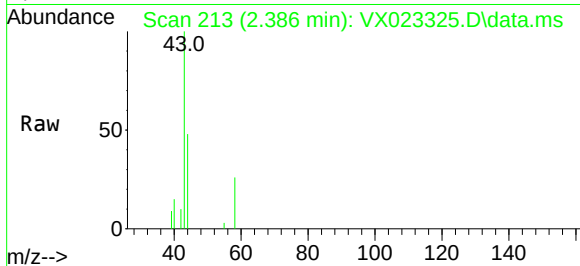




#16
Acetone
Concen: 2.537 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

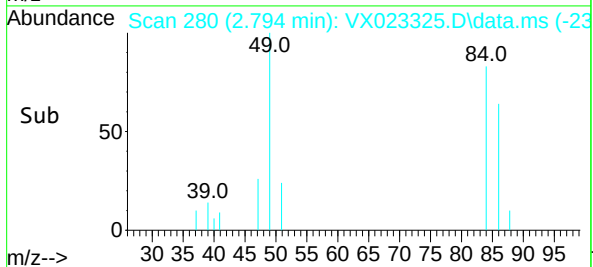
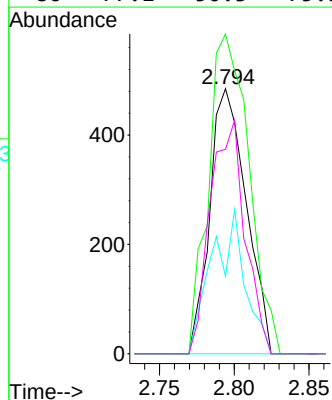
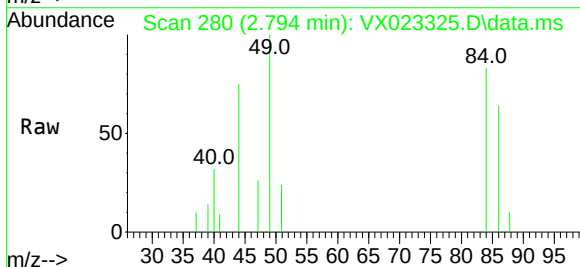
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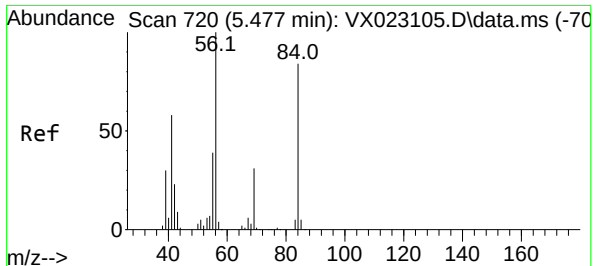
Tgt Ion: 43 Resp: 2896
Ion Ratio Lower Upper
43 100
58 25.5 27.8 41.8#



#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

Tgt Ion: 84 Resp: 822
Ion Ratio Lower Upper
84 100
49 120.6 88.6 132.8
51 29.3 27.0 40.6
86 77.1 50.3 75.5#

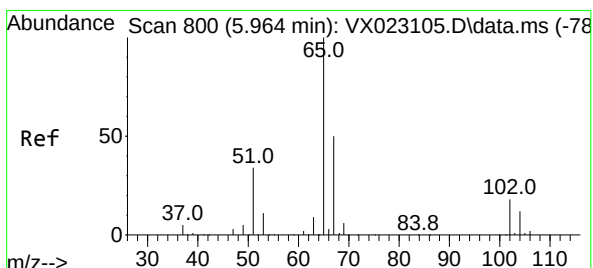
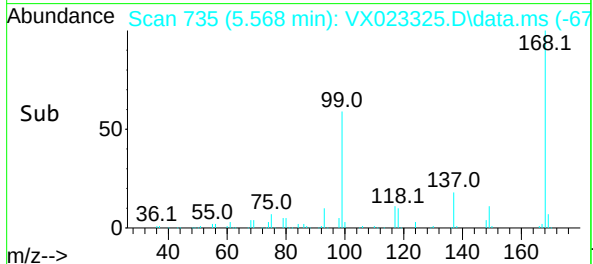
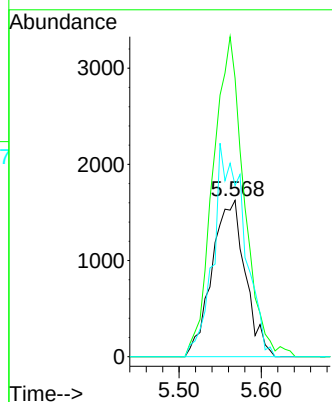
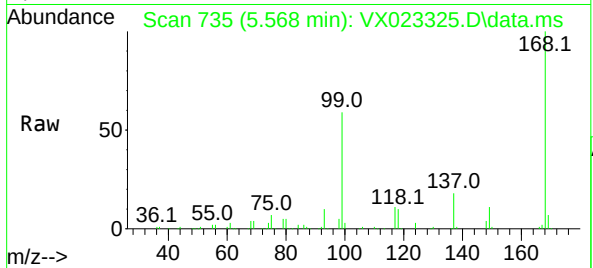




#31
Cyclohexane
Concen: 1.328 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

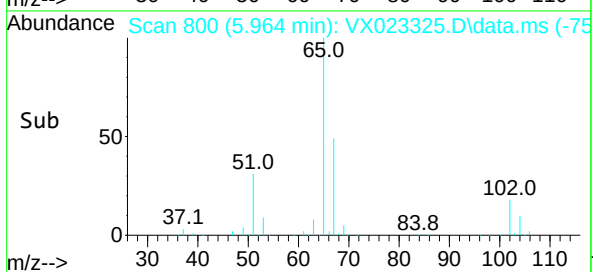
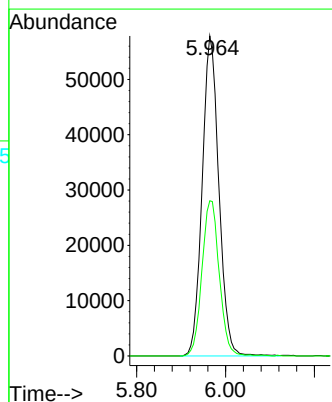
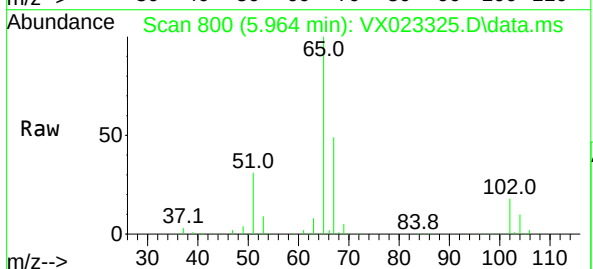
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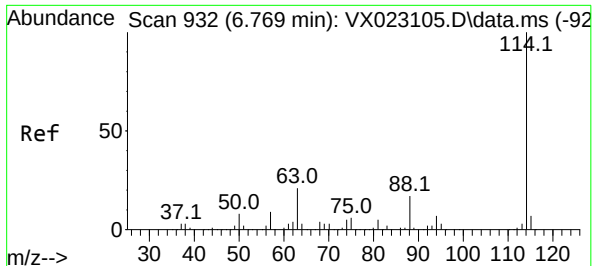
Tgt Ion: 56 Resp: 4588
Ion Ratio Lower Upper
56 100
69 178.2 25.3 37.9#
84 109.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.473 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

Tgt Ion: 65 Resp: 151424
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

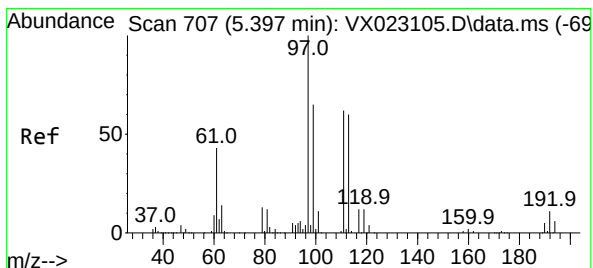
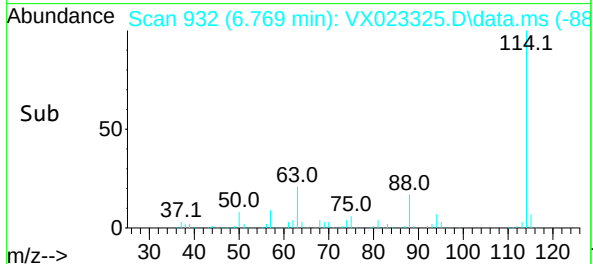
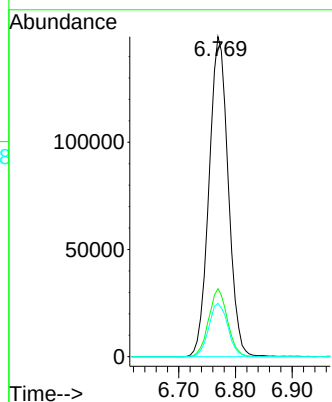
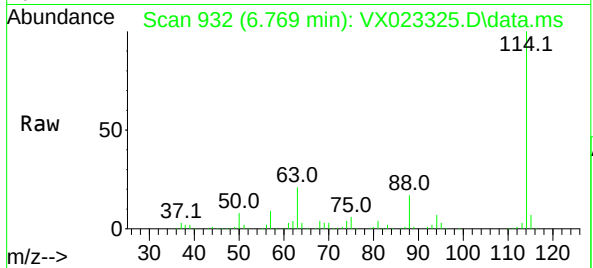




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

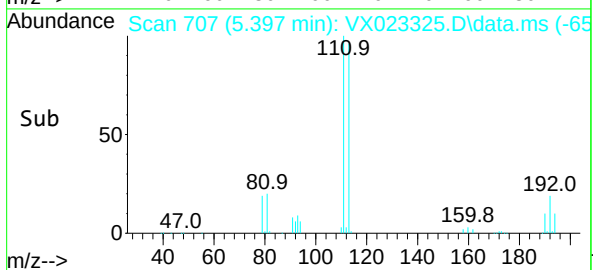
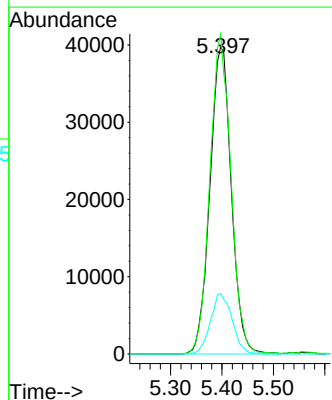
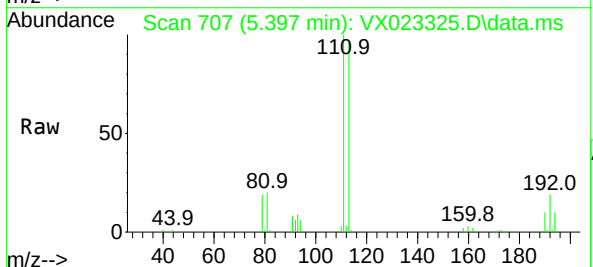
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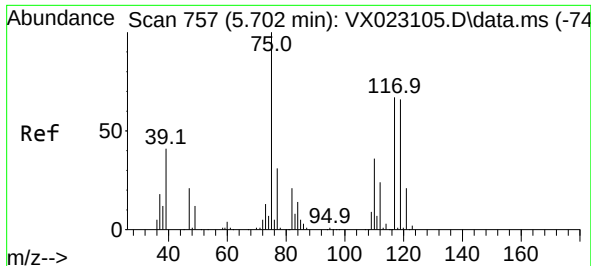
Tgt Ion:114 Resp: 351003
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.683 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

Tgt Ion:113 Resp: 114879
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.8 16.7 25.1

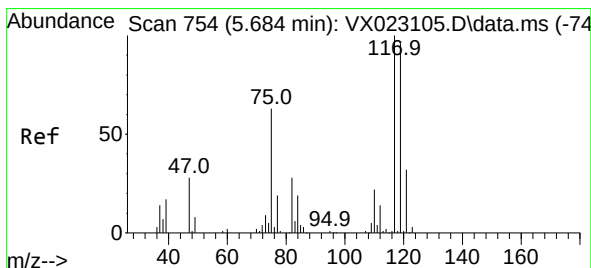
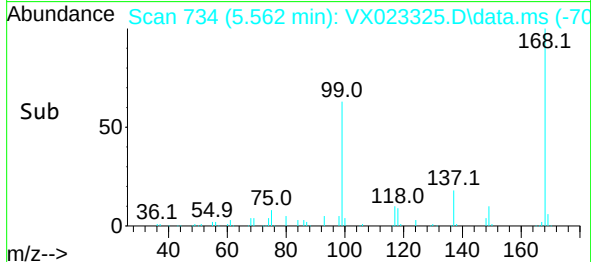
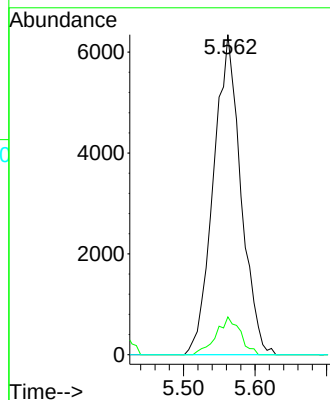
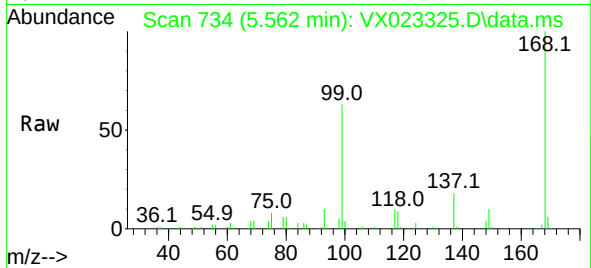




#36
1,1-Dichloropropene
Concen: 5.399 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

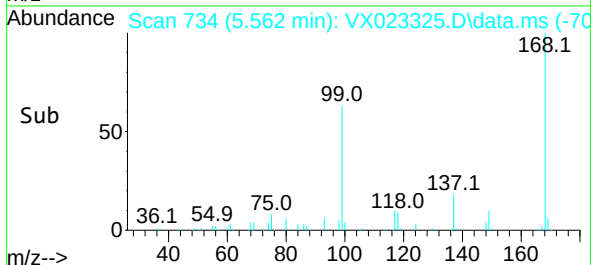
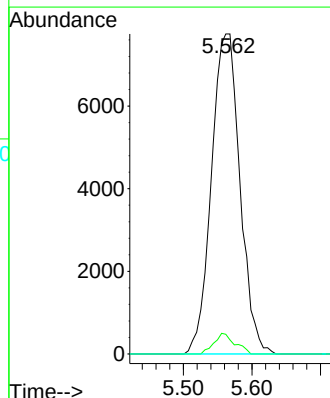
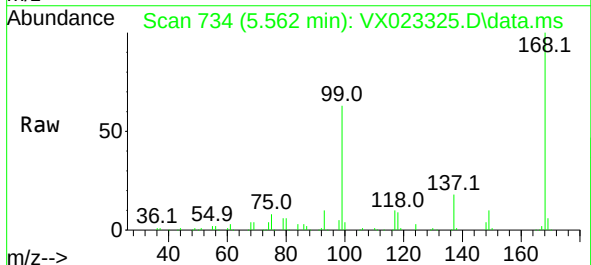
Instrument :
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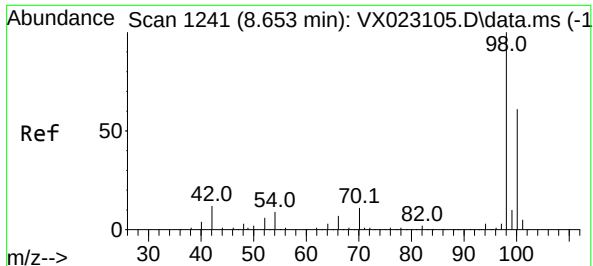
Tgt Ion: 75 Resp: 16893
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.855 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

Tgt Ion: 117 Resp: 22389
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.978 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023325.D

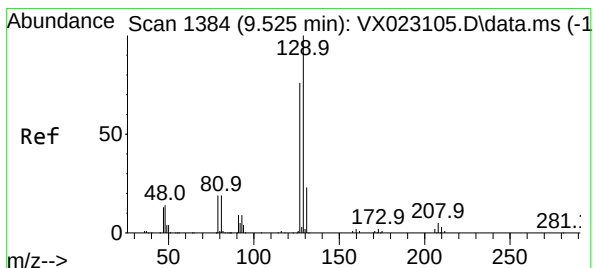
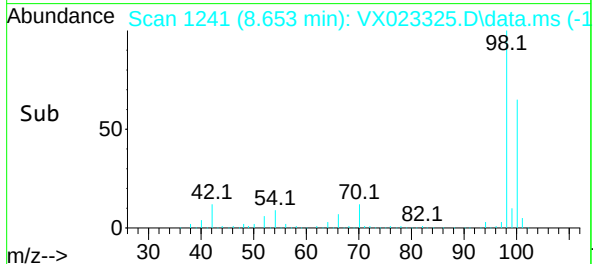
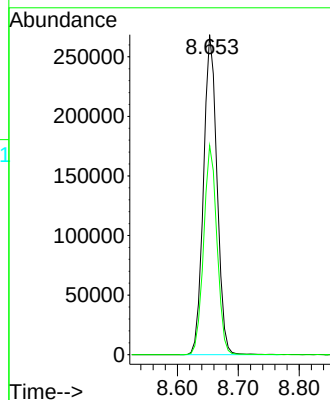
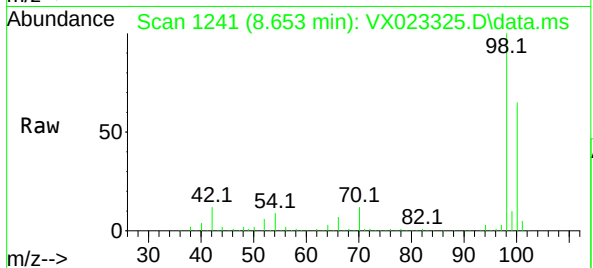
Acq: 16 Jul 2021 14:21

Tgt Ion: 98 Resp: 414109

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#60

Dibromochloromethane

Concen: 3.143 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX023325.D

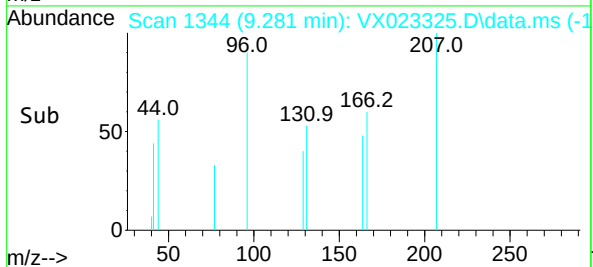
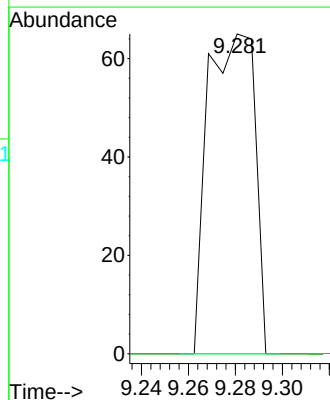
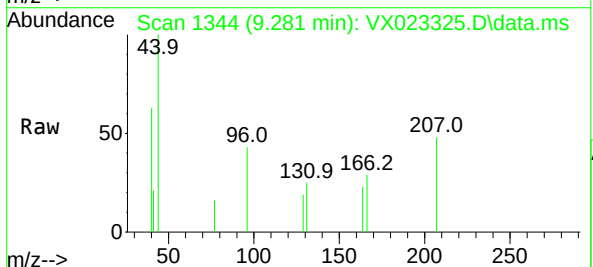
Acq: 16 Jul 2021 14:21

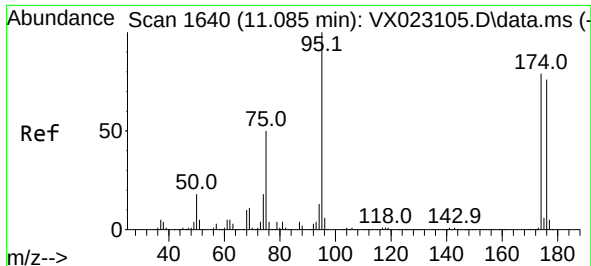
Tgt Ion: 129 Resp: 90

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

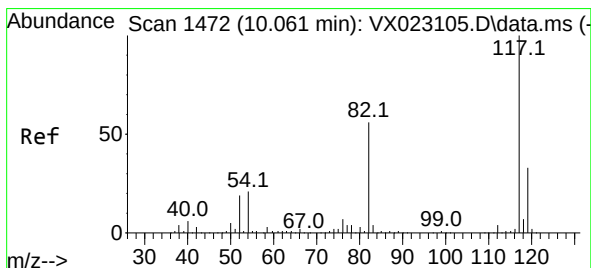
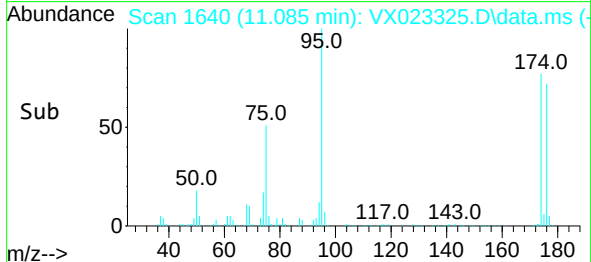
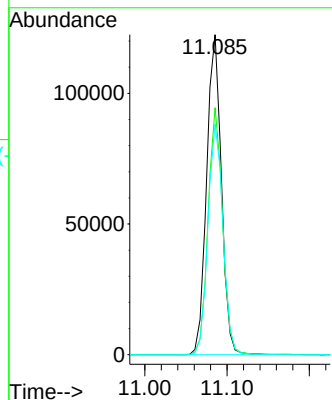
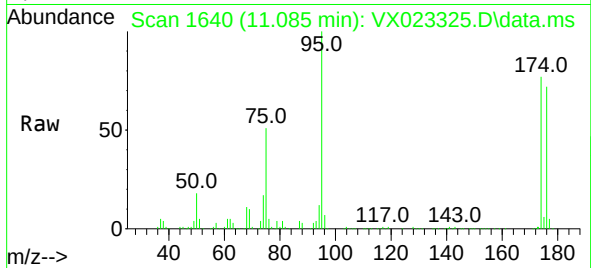




#62
4-Bromofluorobenzene
Concen: 46.726 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

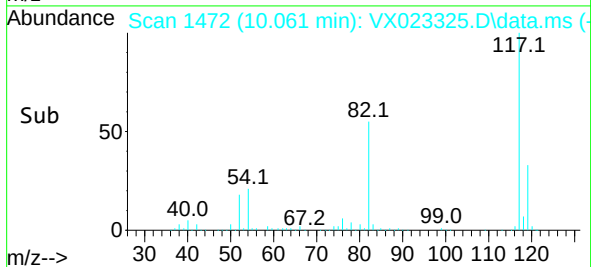
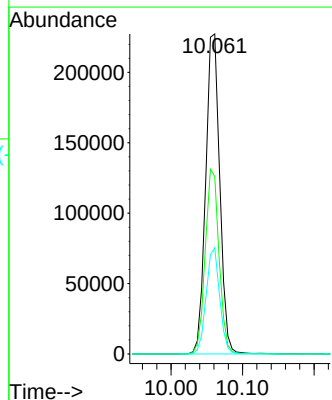
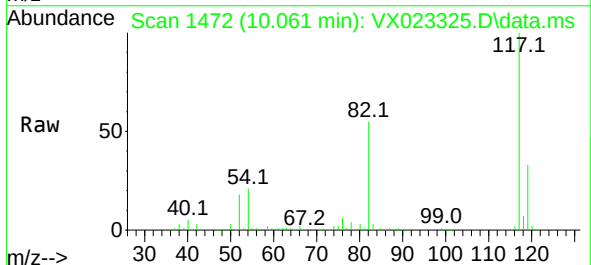
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

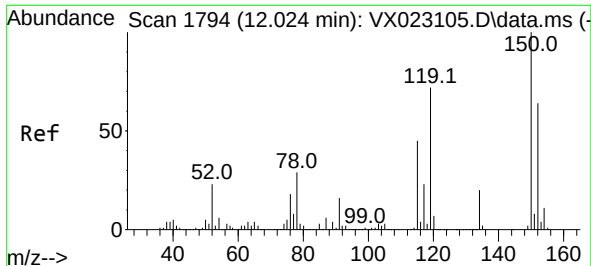
Tgt Ion: 95 Resp: 152520
Ion Ratio Lower Upper
95 100
174 76.1 0.0 154.6
176 73.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

Tgt Ion: 117 Resp: 311673
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 33.2 26.6 39.8

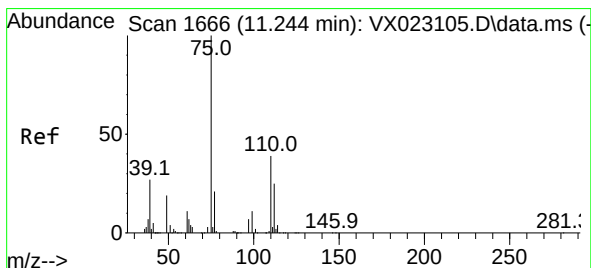
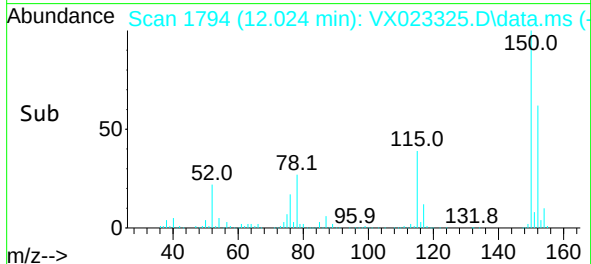
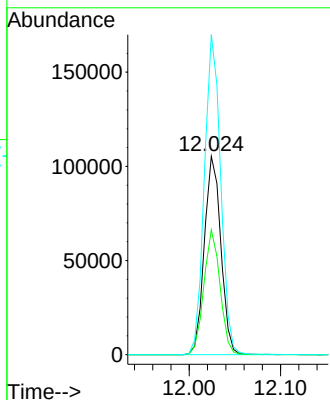
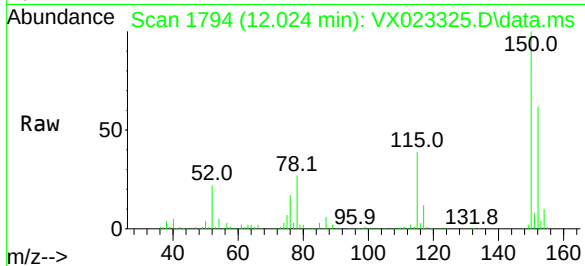




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

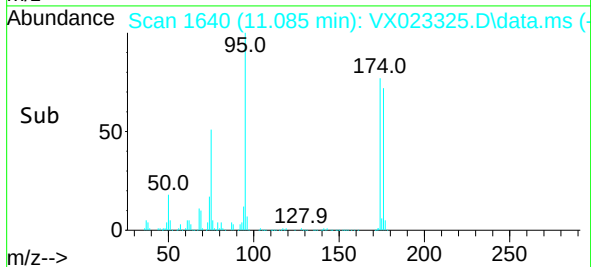
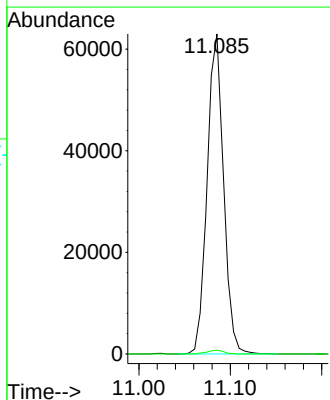
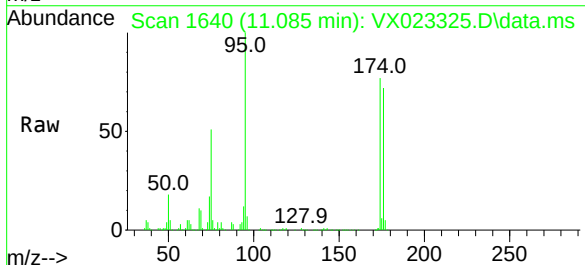
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

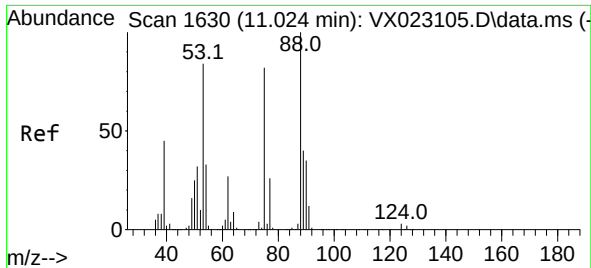
Tgt Ion:152 Resp: 131839
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 159.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.557 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

Tgt Ion: 75 Resp: 78417
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

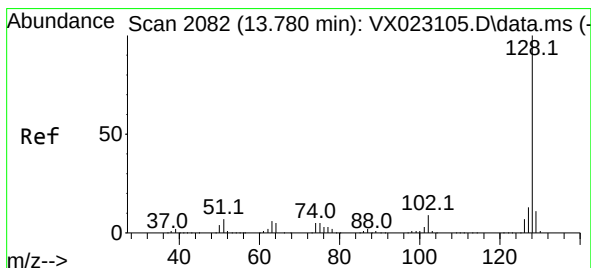
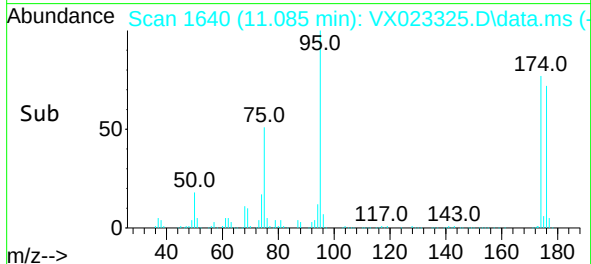
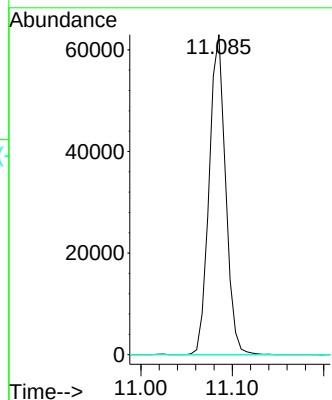
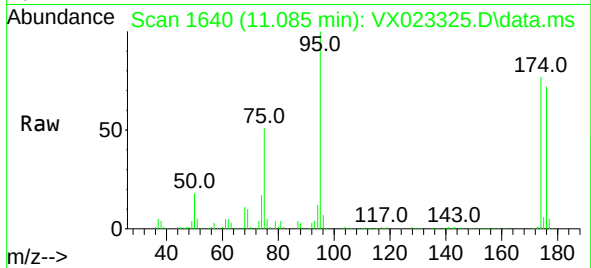




#81
trans-1,4-Dichloro-2-butene
Concen: 79.432 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

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

Tgt Ion: 75 Resp: 78417
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.283 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023325.D
Acq: 16 Jul 2021 14:21

Tgt Ion: 128 Resp: 74
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

