

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028686.D
 Acq On : 13 May 2022 18:27
 Operator : JC/MD
 Sample : N2861-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: May 16 02:23:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

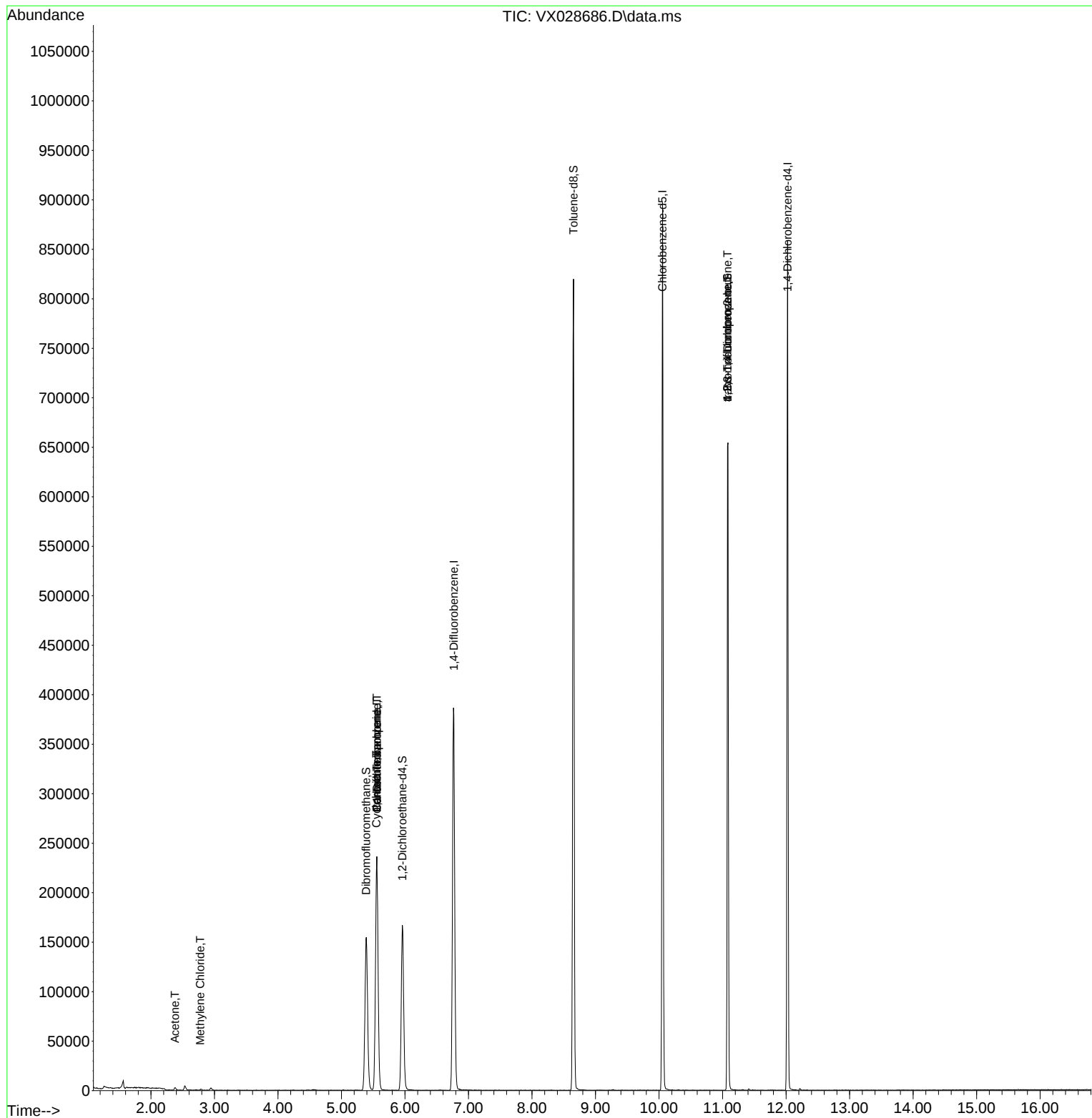
Internal Standards						
1) Pentafluorobenzene	5.556	168	209902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	397208	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157326	54.679	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.360%			
35) Dibromofluoromethane	5.385	113	133040	51.121	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.240%			
50) Toluene-d8	8.653	98	477661	48.683	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.360%			
62) 4-Bromofluorobenzene	11.079	95	172385	47.039	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.080%			
Target Compounds						
5) Bromomethane	1.612	94	431	Below Cal	Qvalue 94	
6) Chloroethane	1.703	64	167	Below Cal	# 72	
11) Tert butyl alcohol	2.941	59	1289	Below Cal	# 72	
16) Acetone	2.380	43	2847	2.306	ug/l # 83	
20) Methylene Chloride	2.776	84	604	0.233	ug/l # 35	
31) Cyclohexane	5.550	56	5036	1.261	ug/l # 9	
36) 1,1-Dichloropropene	5.556	75	17901	4.580	ug/l # 50	
38) Carbon Tetrachloride	5.556	117	23377	5.943	ug/l # 15	
76) 1,2,3-Trichloropropane	11.079	75	93790	24.489	ug/l # 38	
81) trans-1,4-Dichloro-2-b...	11.079	75	93790	71.272	ug/l # 15	

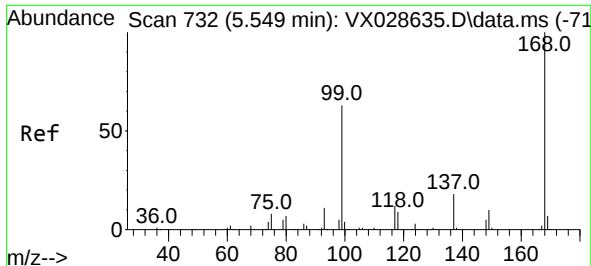
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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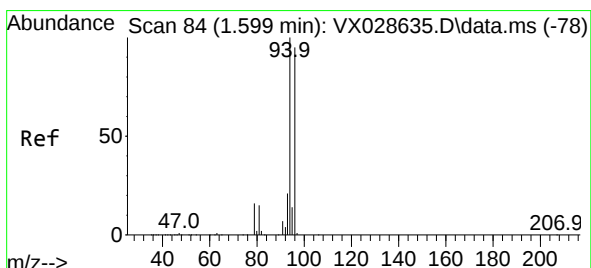
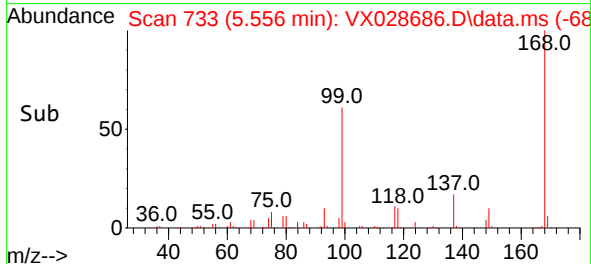
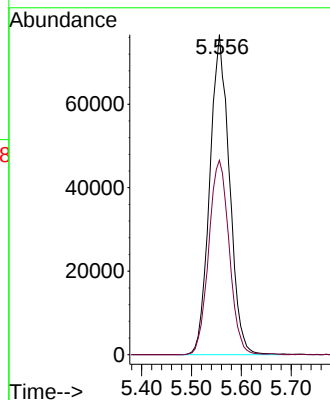
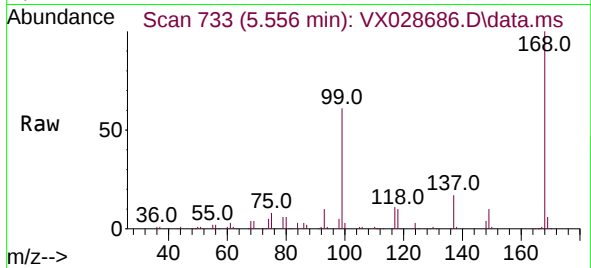




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

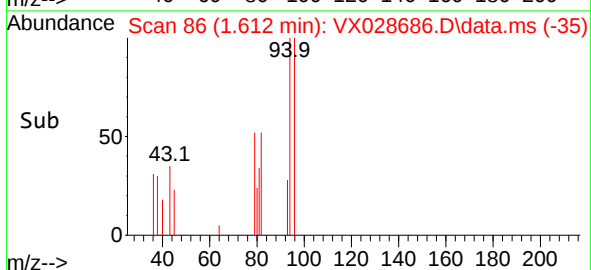
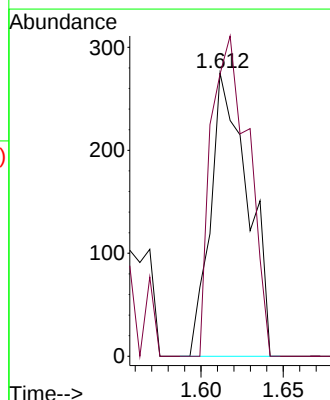
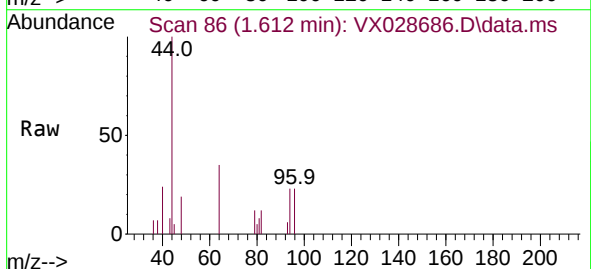
Instrument :
MSVOA_X
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STORAGE-BLANK-SOIL-REF-6

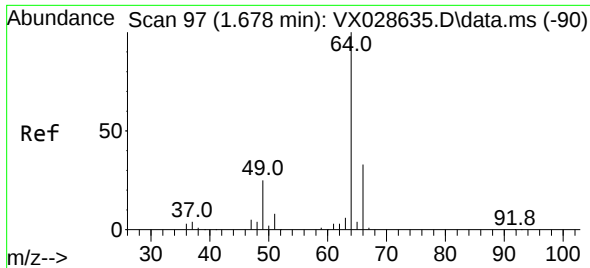
Tgt Ion:168 Resp: 209902
Ion Ratio Lower Upper
168 100
99 60.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 99.6 75.3 112.9

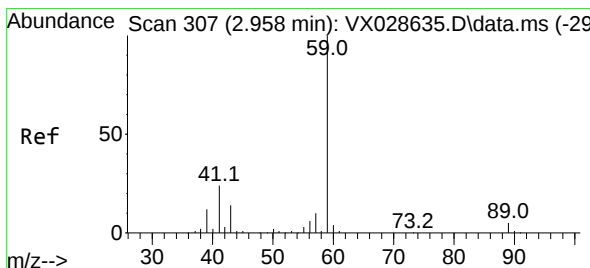
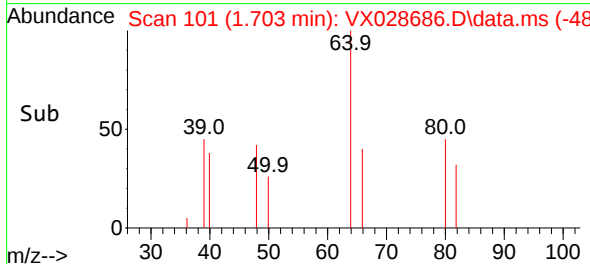
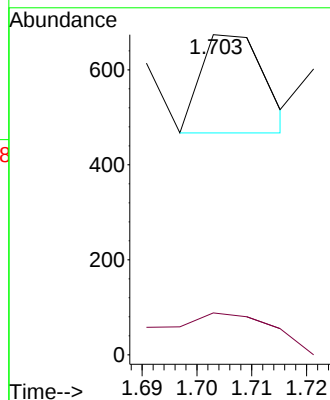
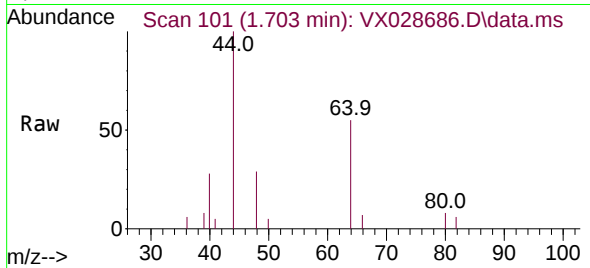




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

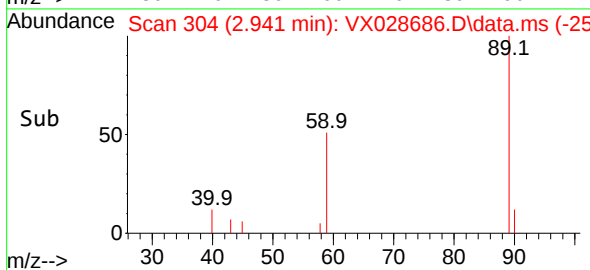
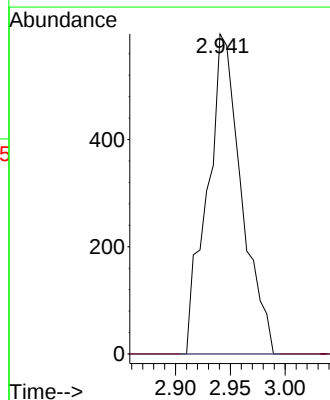
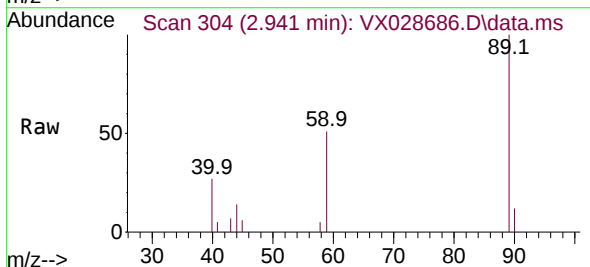
Instrument :
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ClientSampleId :
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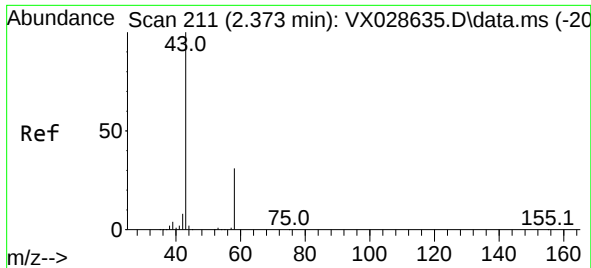
Tgt Ion: 64 Resp: 167
Ion Ratio Lower Upper
64 100
66 15.9 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.017 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

Tgt Ion: 59 Resp: 1289
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

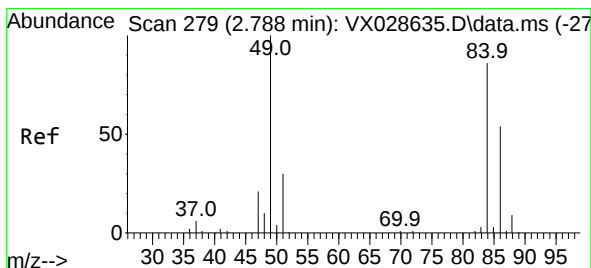
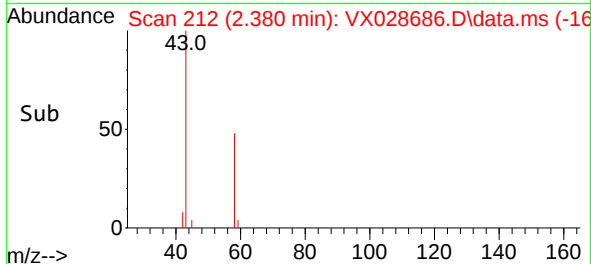
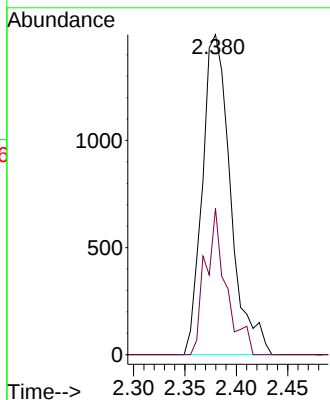
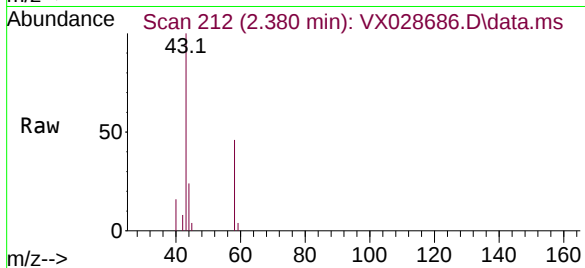




#16
Acetone
Concen: 2.306 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

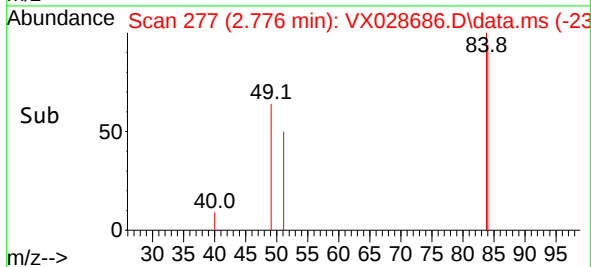
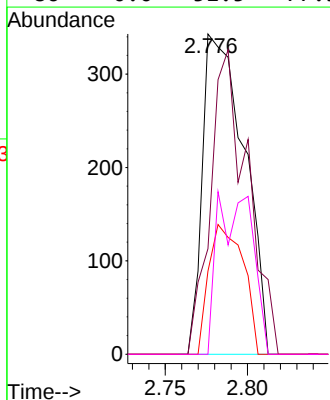
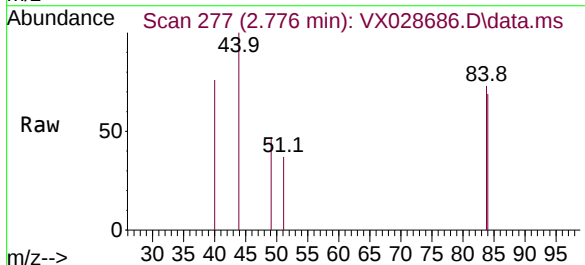
Instrument :
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ClientSampleId :
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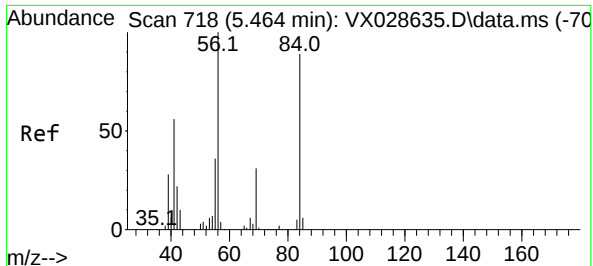
Tgt Ion: 43 Resp: 2847
Ion Ratio Lower Upper
43 100
58 45.8 28.8 43.2#



#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

Tgt Ion: 84 Resp: 604
Ion Ratio Lower Upper
84 100
49 32.9 85.5 128.3#
51 25.9 26.6 39.8#
86 0.0 51.5 77.3#

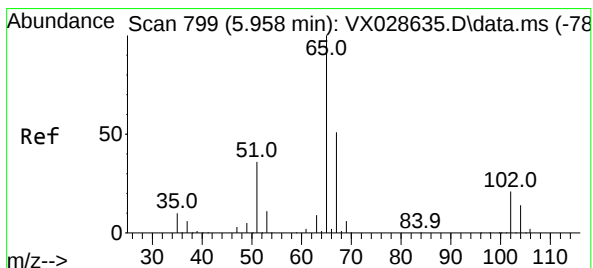
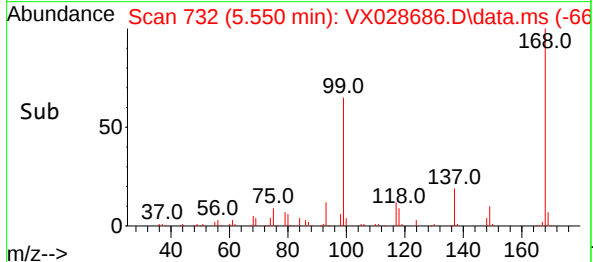
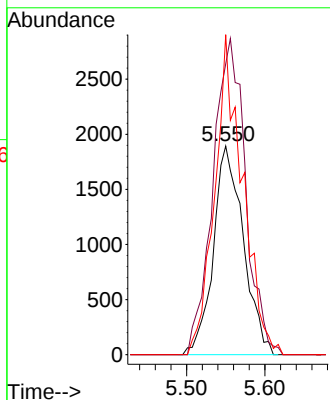
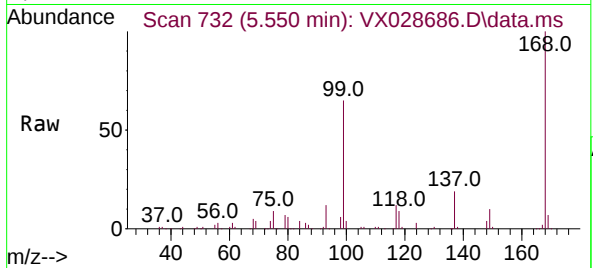




#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

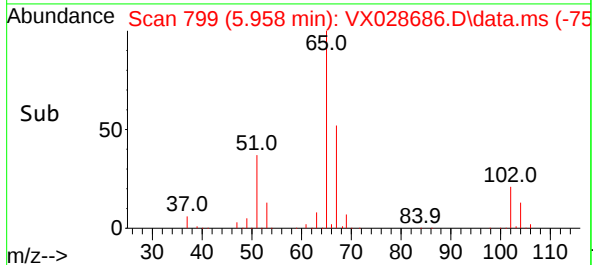
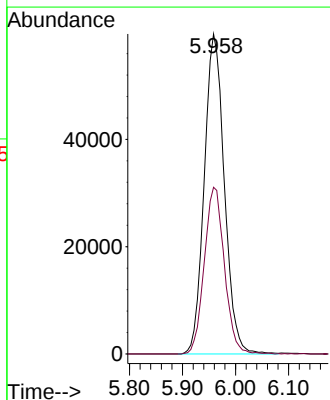
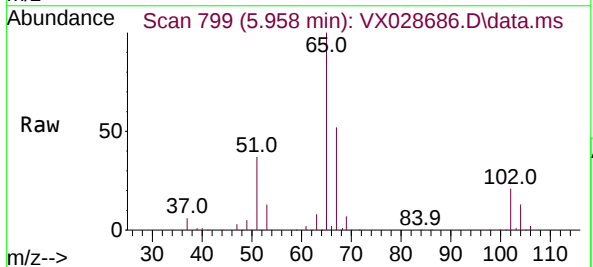
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ClientSampleId :
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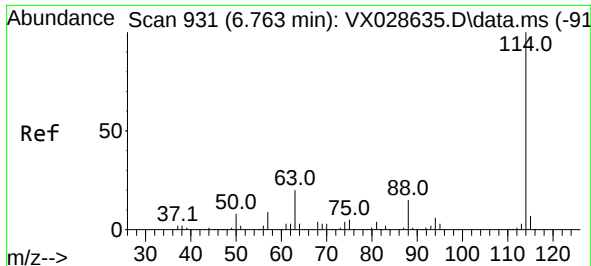
Tgt Ion: 56 Resp: 5036
Ion Ratio Lower Upper
56 100
69 139.4 26.7 40.1#
84 153.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 54.679 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

Tgt Ion: 65 Resp: 157326
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

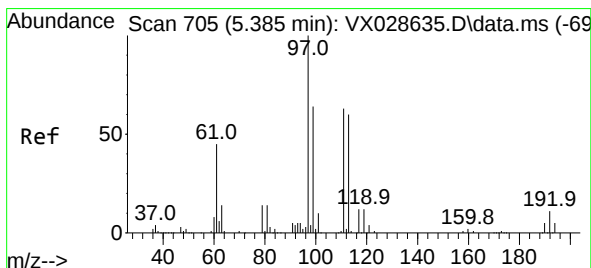
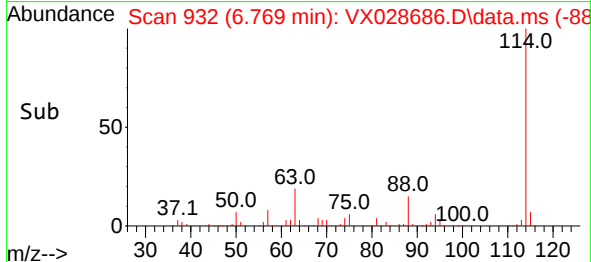
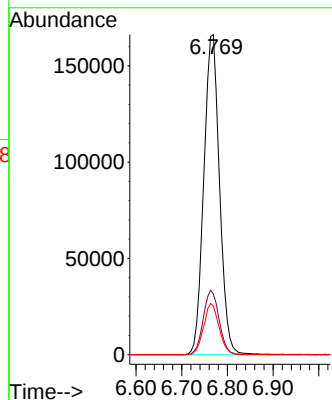
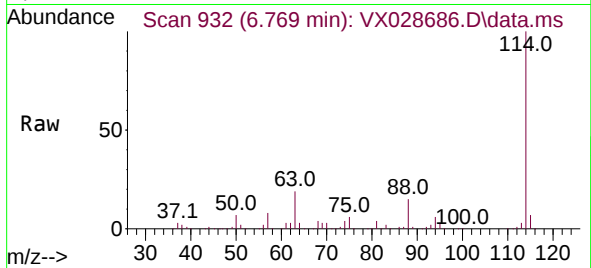




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

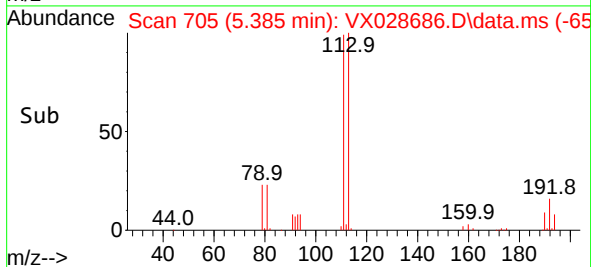
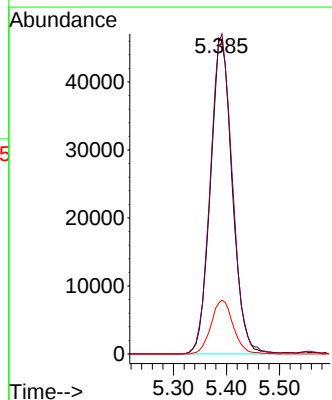
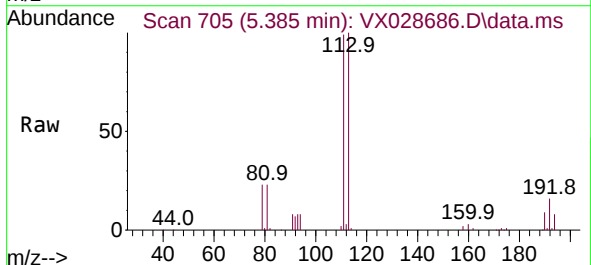
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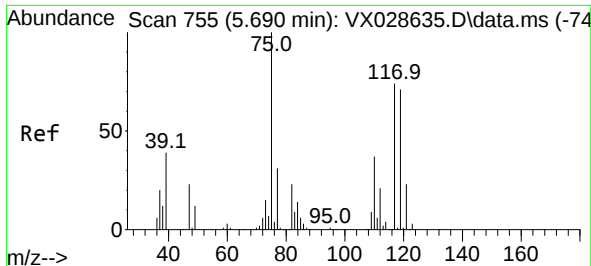
Tgt Ion:114 Resp: 397208
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 15.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.121 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

Tgt Ion:113 Resp: 133040
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 17.3 16.9 25.3

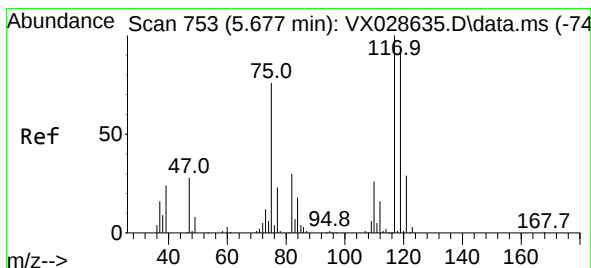
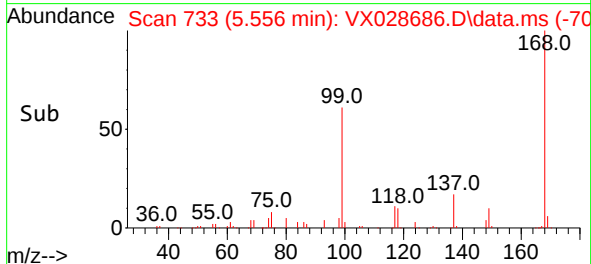
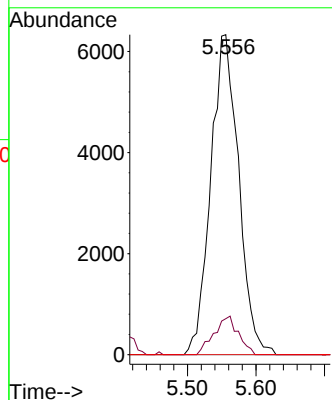
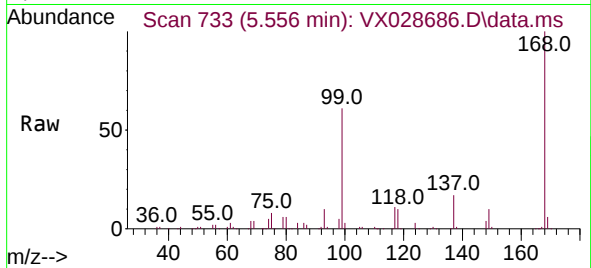




#36
1,1-Dichloropropene
Concen: 4.580 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

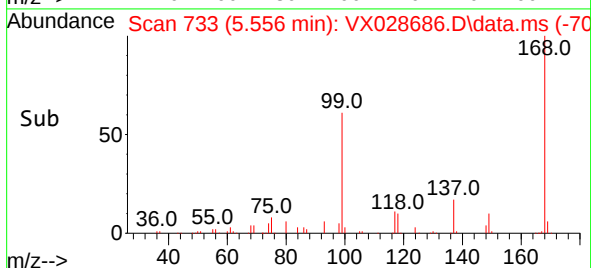
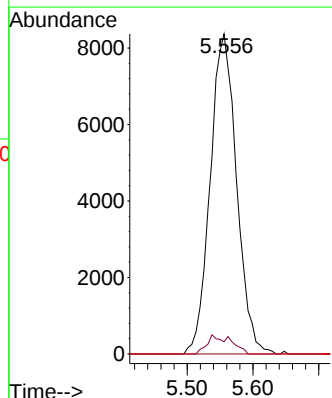
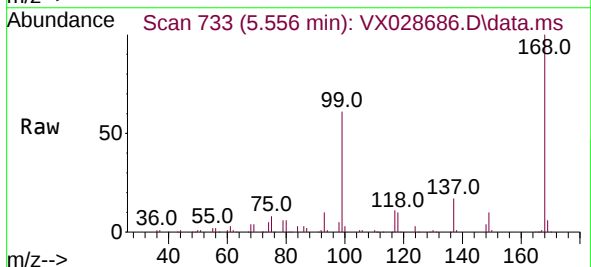
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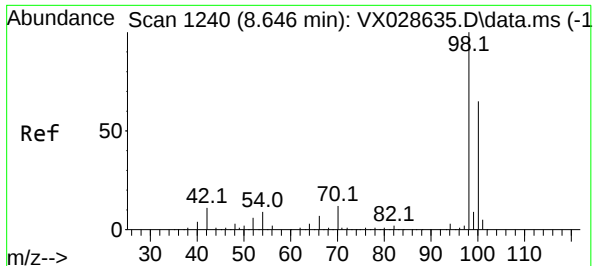
Tgt Ion: 75 Resp: 17901
Ion Ratio Lower Upper
75 100
110 10.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.943 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

Tgt Ion: 117 Resp: 23377
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#

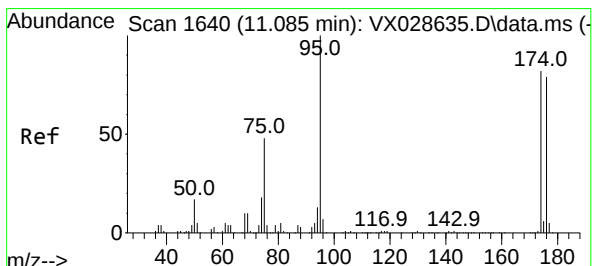
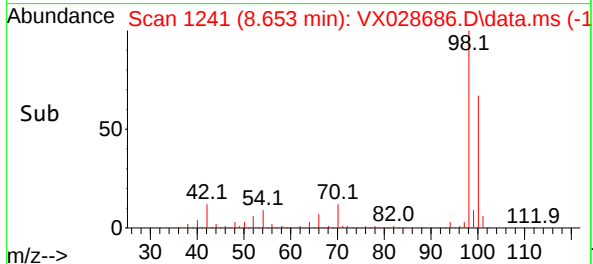
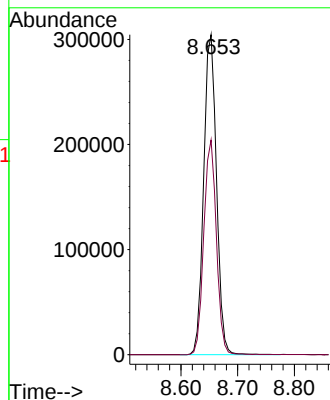
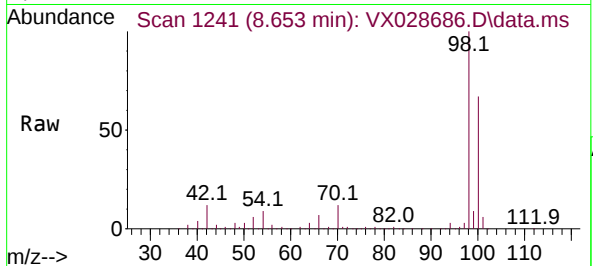




#50
Toluene-d8
Concen: 48.683 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

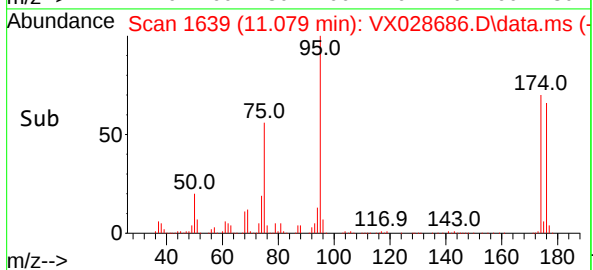
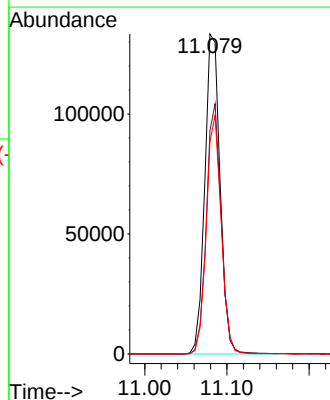
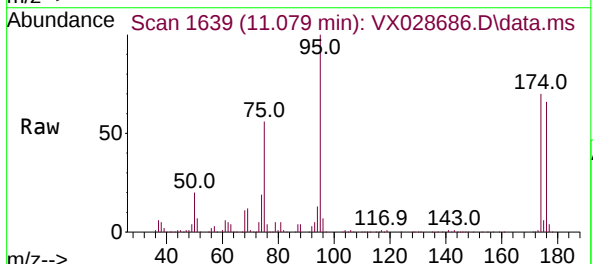
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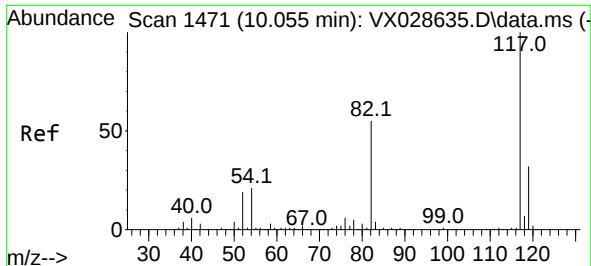
Tgt Ion: 98 Resp: 477661
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.039 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

Tgt Ion: 95 Resp: 172385
Ion Ratio Lower Upper
95 100
174 75.4 0.0 163.0
176 72.4 0.0 155.0

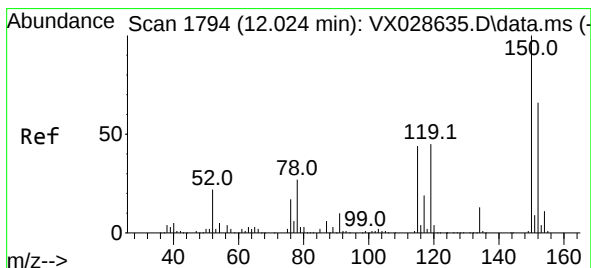
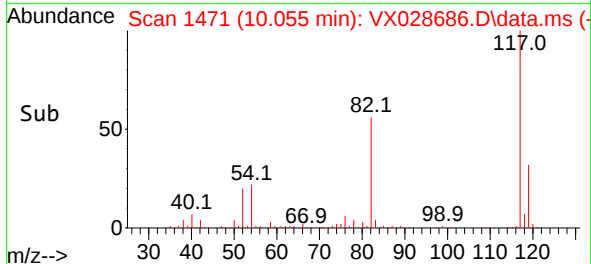
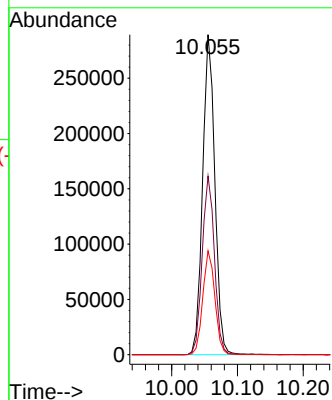
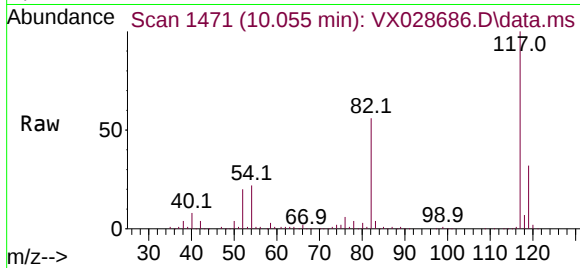




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

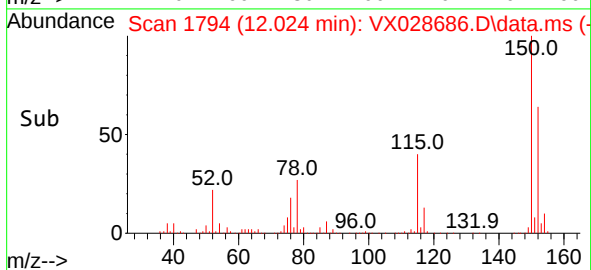
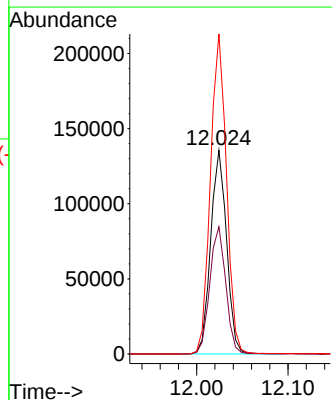
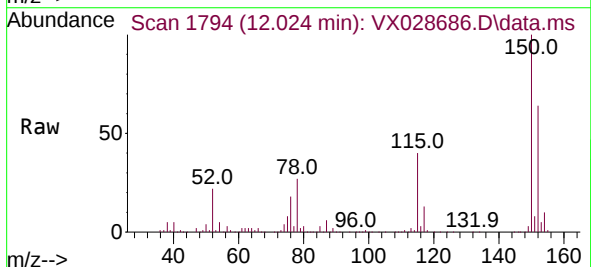
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

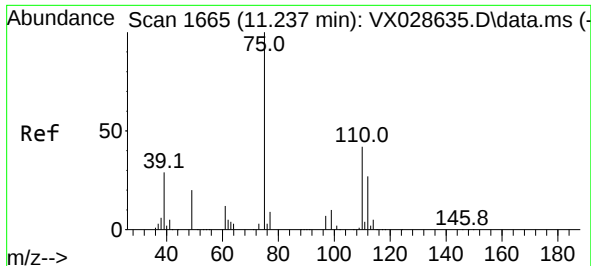
Tgt Ion:117 Resp: 373517
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

Tgt Ion:152 Resp: 163536
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 158.1 0.0 338.2

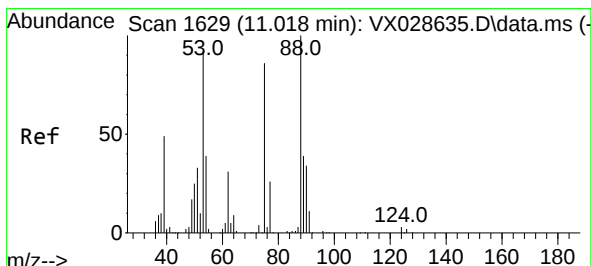
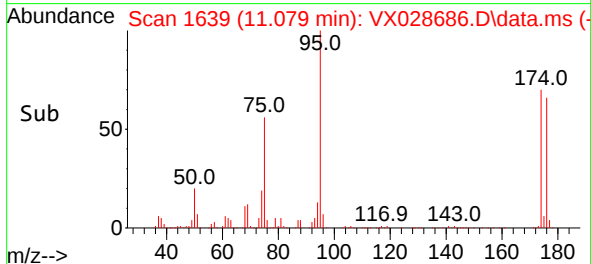
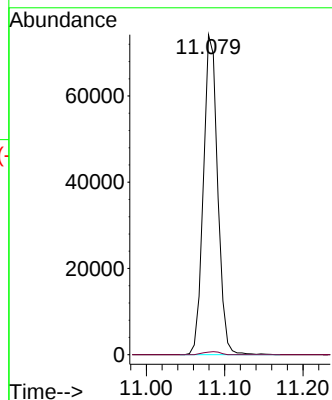
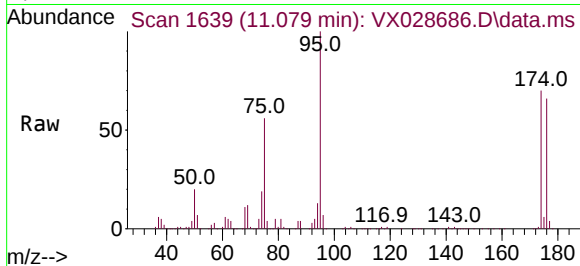




#76
1,2,3-Trichloropropane
Concen: 24.489 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

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

Tgt Ion: 75 Resp: 93790
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.272 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028686.D
Acq: 13 May 2022 18:27

Tgt Ion: 75 Resp: 93790
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

