

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019515.D
 Acq On : 20 Jul 2021 16:50
 Operator : SY/VA
 Sample : M3039-11
 Misc : 5.09g/5.3mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05-11.5-12.0

Quant Time: Jul 21 02:05:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

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

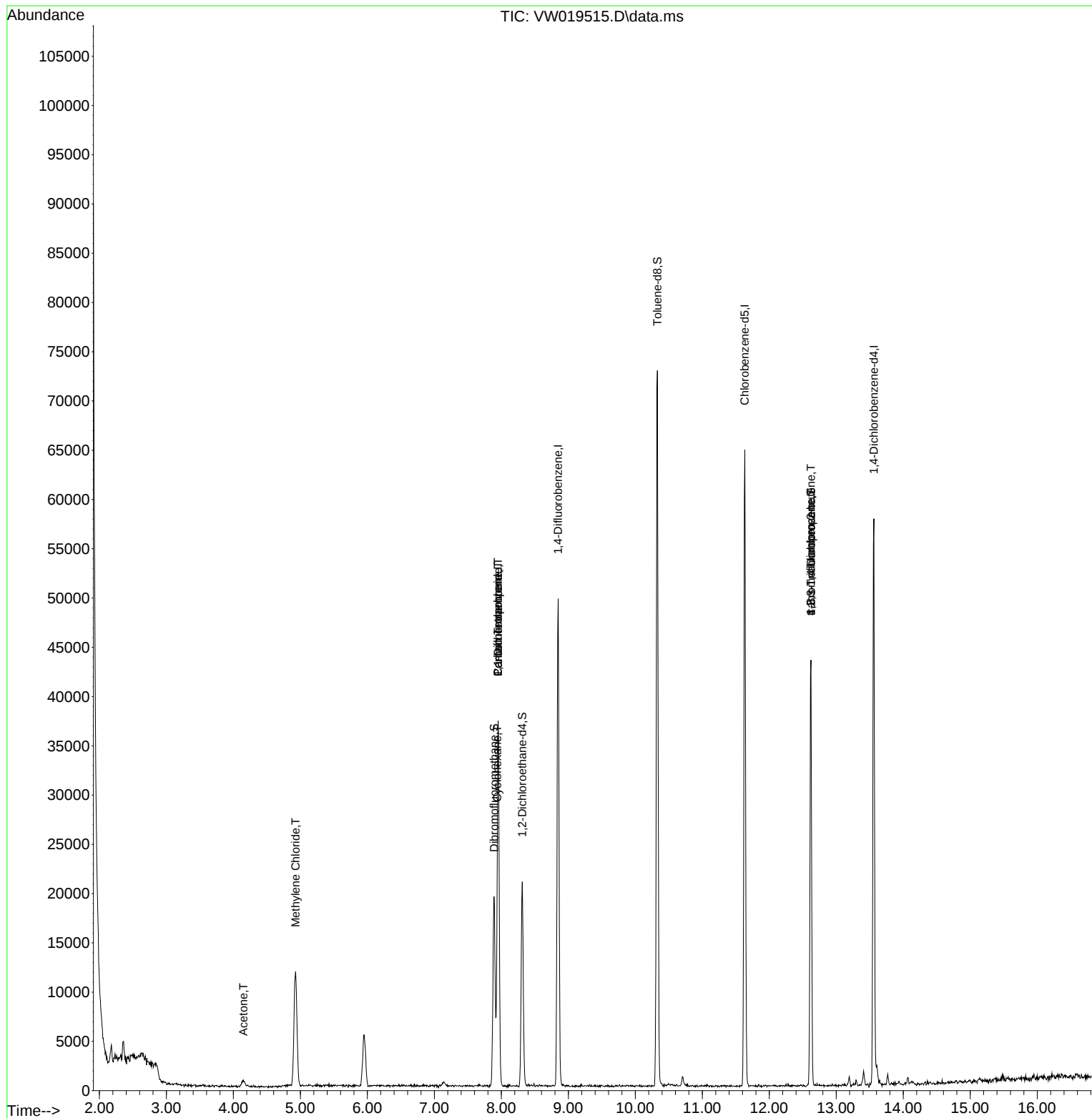
Internal Standards						
1) Pentafluorobenzene	7.952	168	26855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	41440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	36338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	14622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	16995	66.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.900%	
35) Dibromofluoromethane	7.891	113	14522	57.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.720%	
50) Toluene-d8	10.329	98	50123	51.132	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.260%	
62) 4-Bromofluorobenzene	12.622	95	15877	43.179	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.360%	
Target Compounds						
					Qvalue	
16) Acetone	4.147	43	1541	31.551	ug/l #	63
20) Methylene Chloride	4.928	84	9275	26.792	ug/l	93
31) Cyclohexane	7.939	56	608	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.952	75	2342	5.301	ug/l #	48
38) Carbon Tetrachloride	7.952	117	2722	7.053	ug/l #	19
76) 1,2,3-Trichloropropane	12.622	75	7914	54.764	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.622	75	7914	124.805	ug/l #	12

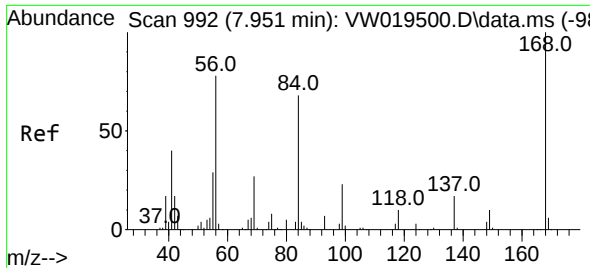
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-05-11.5-12.0

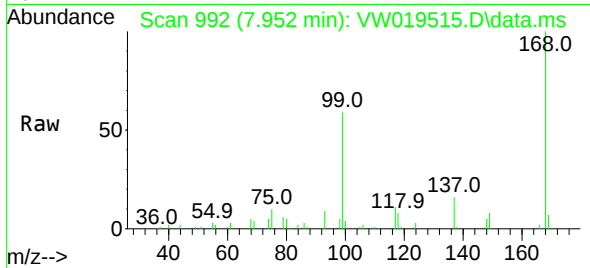
Quant Time: Jul 21 02:05:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 20 04:37:55 2021
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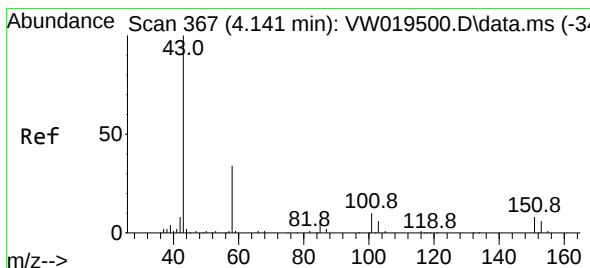
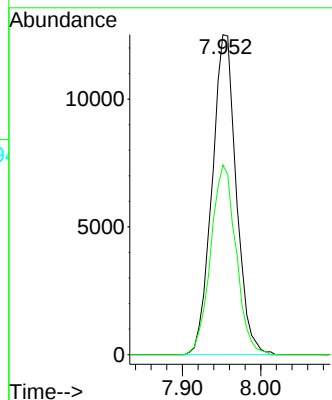
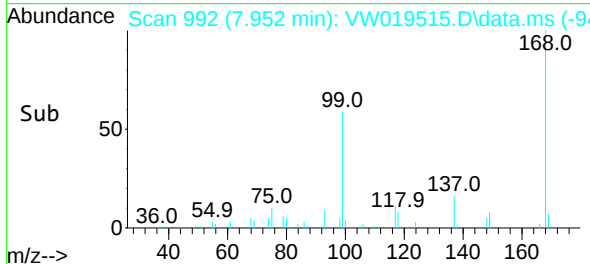


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

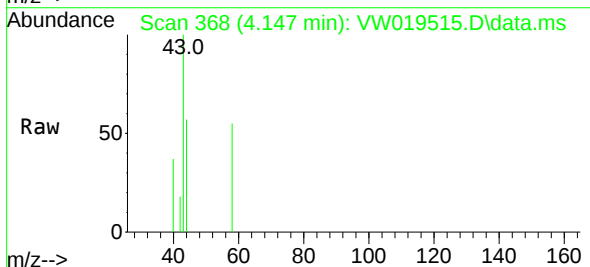
Instrument :
MSVOA_W
ClientSampleId :
SB-05-11.5-12.0



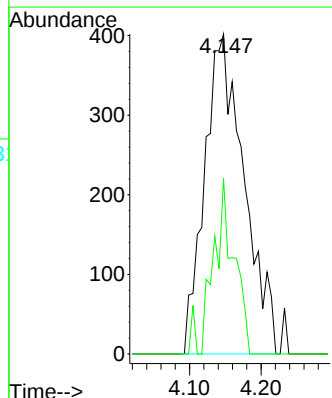
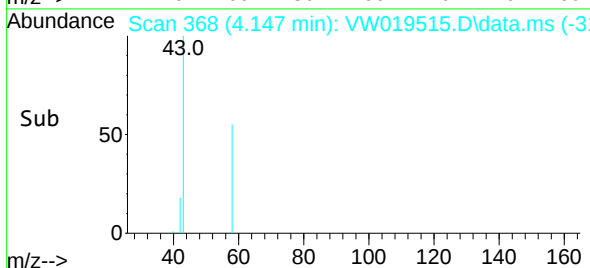
Tgt Ion:168 Resp: 26855
Ion Ratio Lower Upper
168 100
99 59.3 51.9 77.9

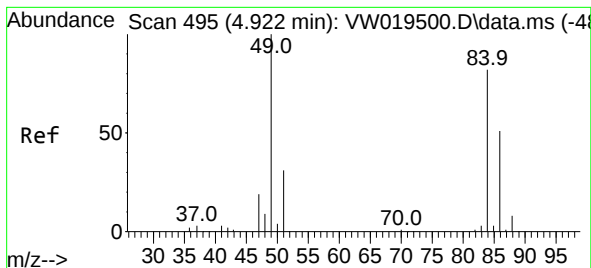


#16
Acetone
Concen: 31.551 ug/l
RT: 4.147 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50



Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
58 55.0 27.2 40.8#





#20

Methylene Chloride

Concen: 26.792 ug/l

RT: 4.928 min Scan# 496

Delta R.T. 0.006 min

Lab File: VW019515.D

Acq: 20 Jul 2021 16:50

Tgt Ion: 84 Resp: 9275

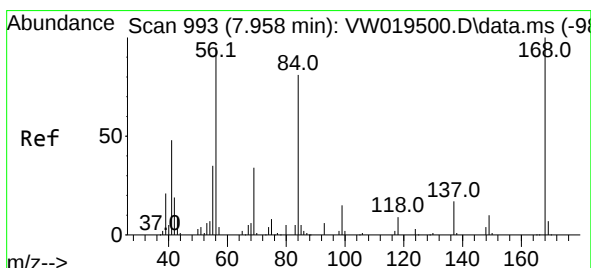
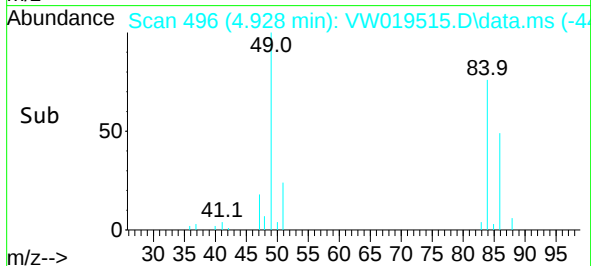
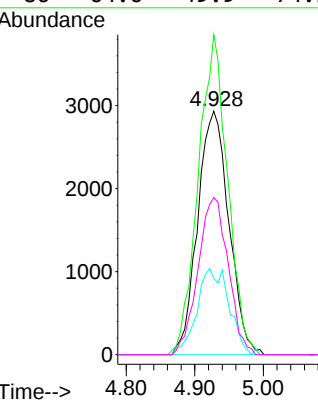
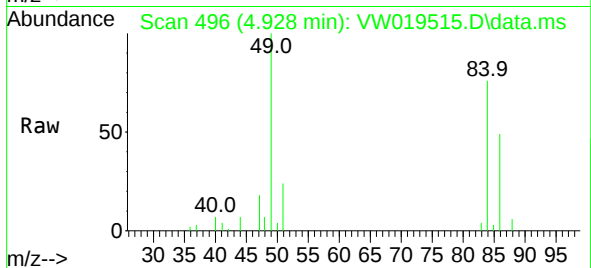
Ion Ratio Lower Upper

84 100

49 131.4 97.2 145.8

51 31.3 30.1 45.1

86 64.6 49.9 74.9



#31

Cyclohexane

Concen: 1.077 ug/l

RT: 7.939 min Scan# 990

Delta R.T. -0.018 min

Lab File: VW019515.D

Acq: 20 Jul 2021 16:50

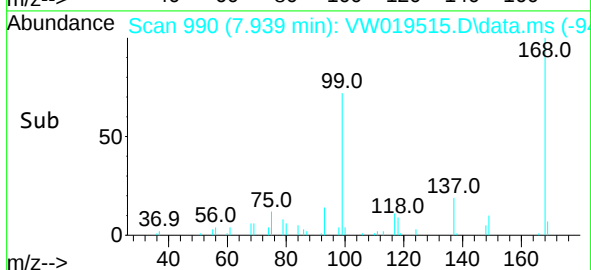
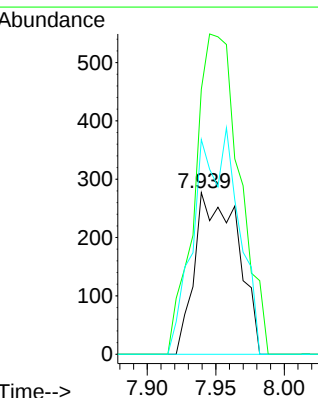
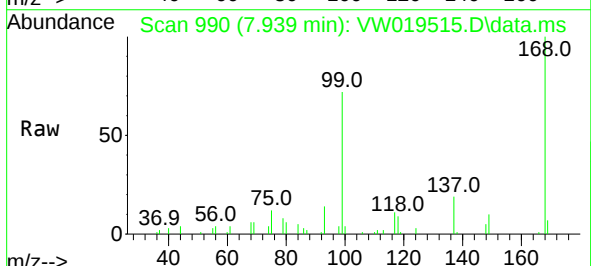
Tgt Ion: 56 Resp: 608

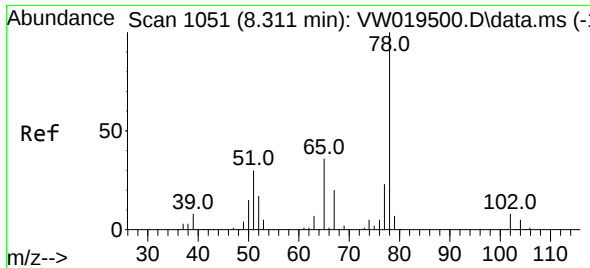
Ion Ratio Lower Upper

56 100

69 163.9 28.3 42.5#

84 132.9 68.1 102.1#

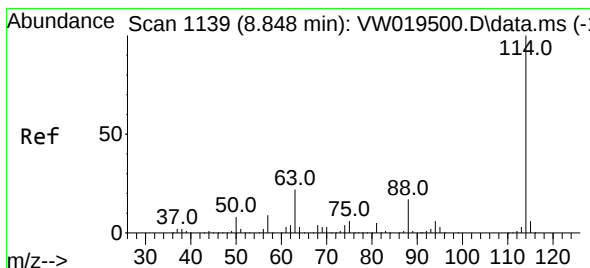
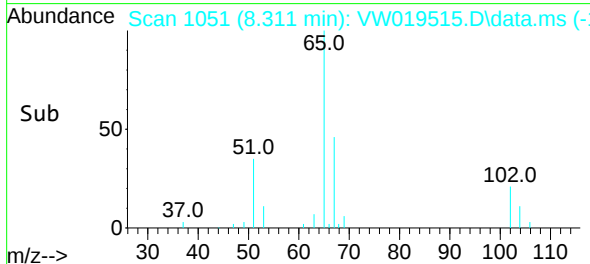
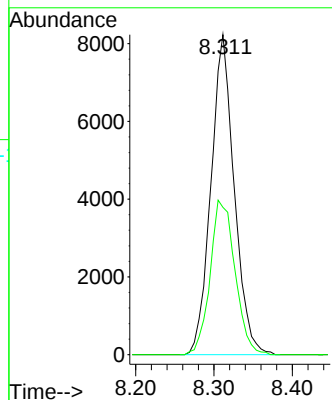
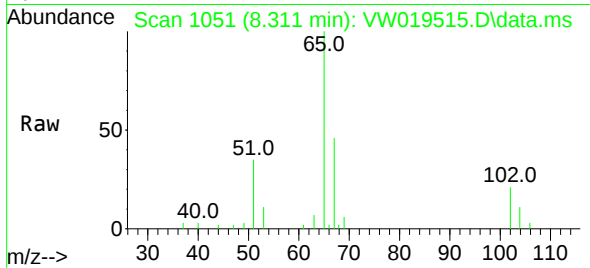




#33
1,2-Dichloroethane-d4
Concen: 66.945 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

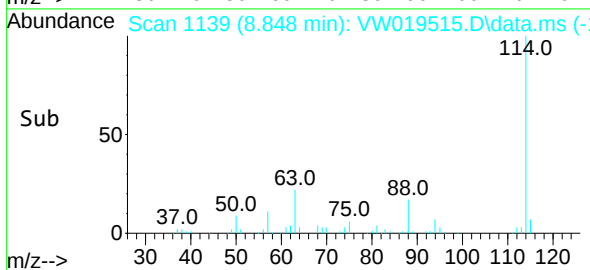
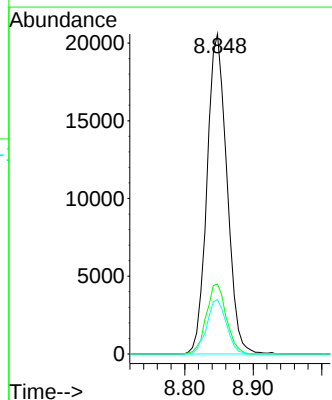
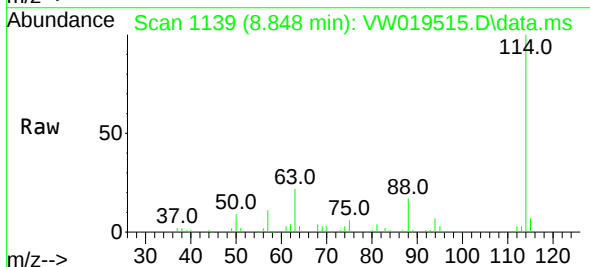
Instrument :
MSVOA_W
ClientSampleId :
SB-05-11.5-12.0

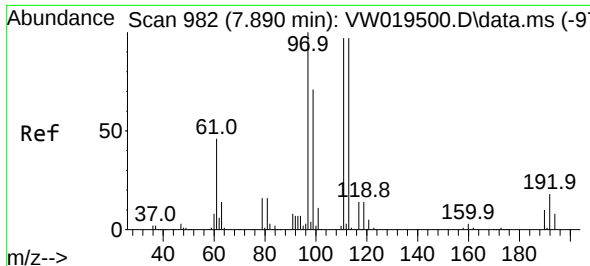
Tgt Ion: 65 Resp: 16995
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

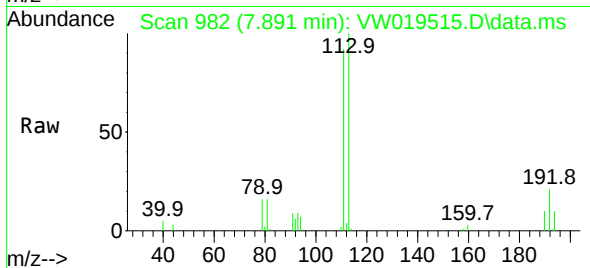
Tgt Ion: 114 Resp: 41440
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.8
88 17.0 0.0 33.4



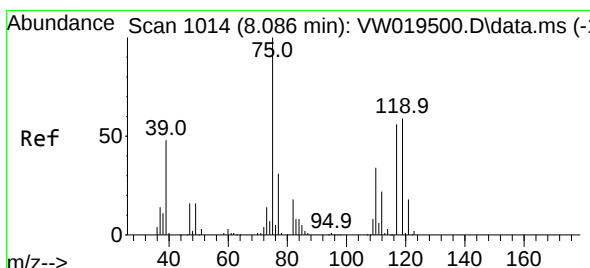
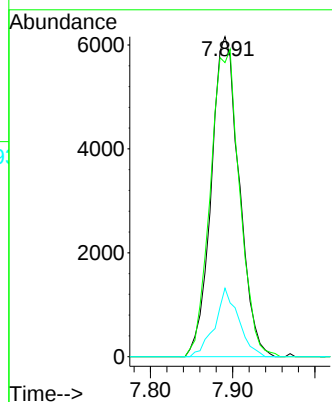
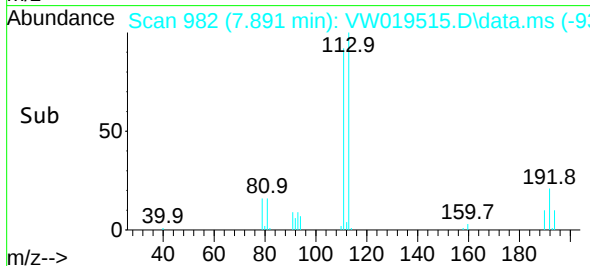


#35
Dibromofluoromethane
Concen: 57.358 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

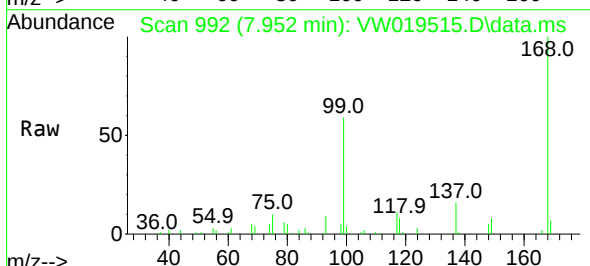
Instrument :
MSVOA_W
ClientSampleId :
SB-05-11.5-12.0



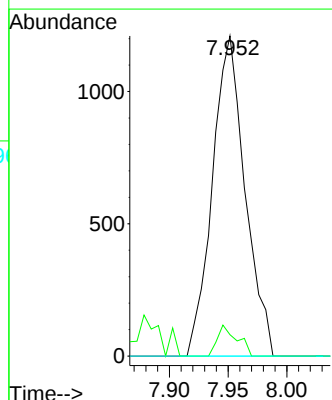
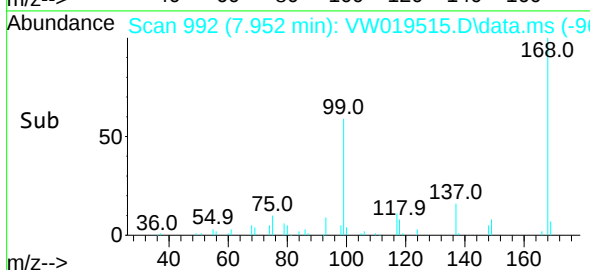
Tgt Ion:113 Resp: 14522
Ion Ratio Lower Upper
113 100
111 100.6 83.8 125.6
192 18.2 15.4 23.2

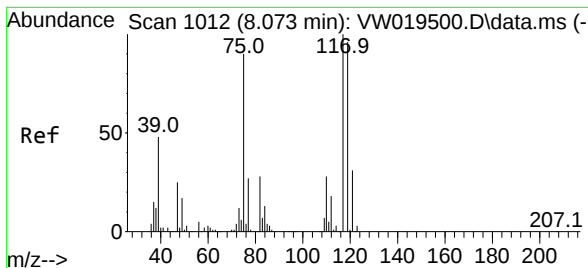


#36
1,1-Dichloropropene
Concen: 5.301 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50



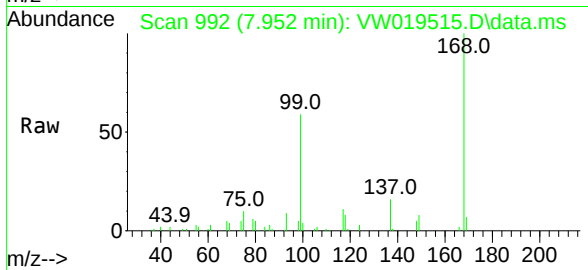
Tgt Ion: 75 Resp: 2342
Ion Ratio Lower Upper
75 100
110 5.8 16.6 49.7#
77 0.0 25.1 37.7#



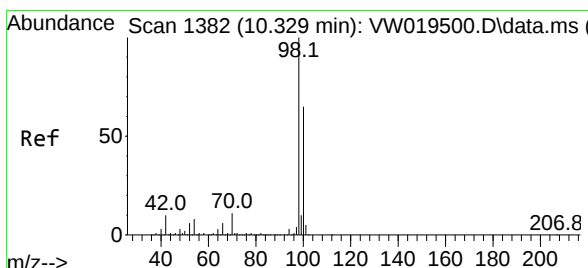
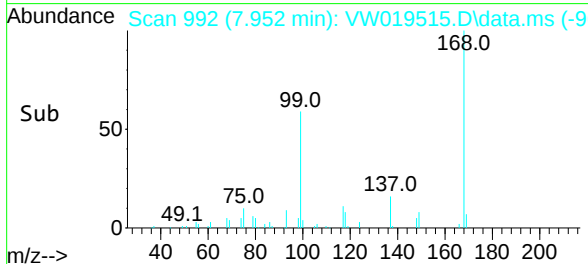
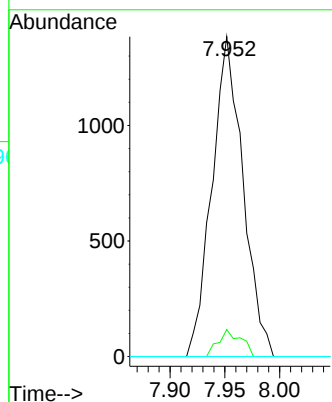


#38
Carbon Tetrachloride
Concen: 7.053 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

Instrument :
MSVOA_W
ClientSampleId :
SB-05-11.5-12.0

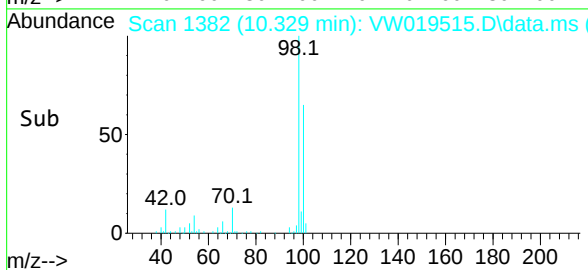
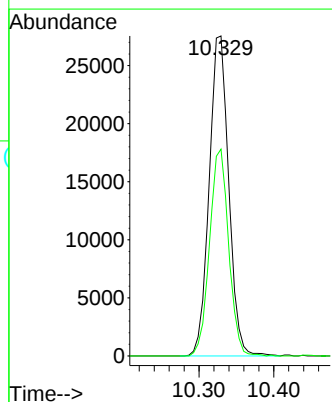
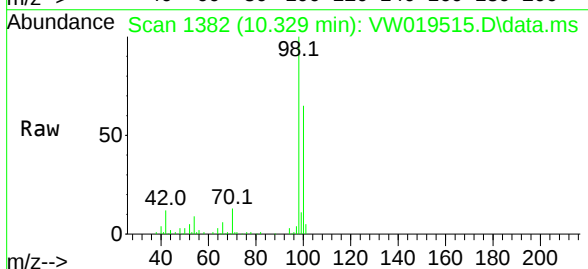


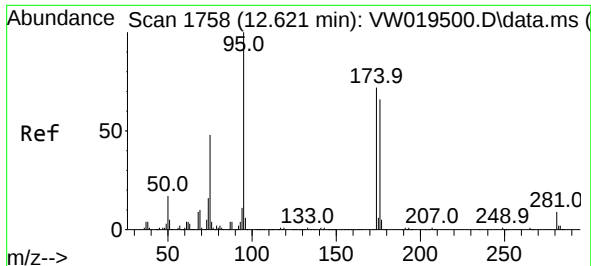
Tgt Ion: 117 Resp: 2722
Ion Ratio Lower Upper
117 100
119 8.5 76.7 115.1#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.132 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

Tgt Ion: 98 Resp: 50123
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.4

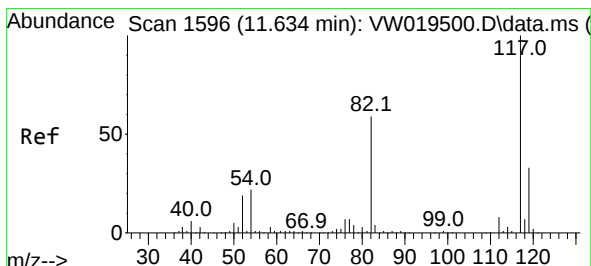
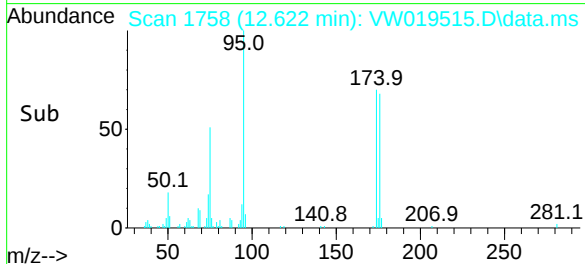
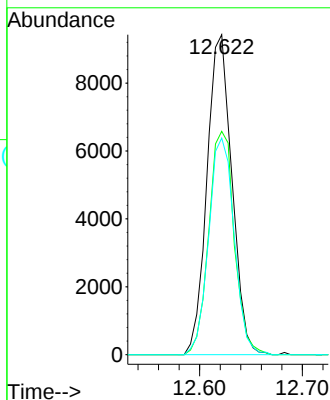
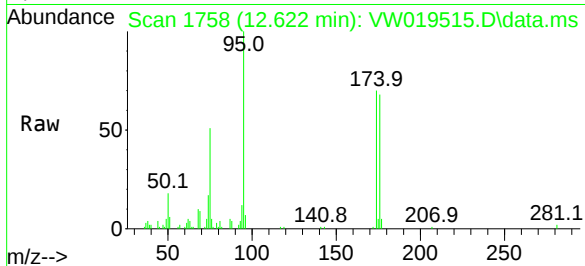




#62
4-Bromofluorobenzene
Concen: 43.179 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. 0.001 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

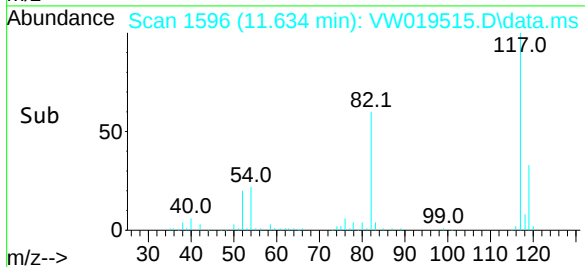
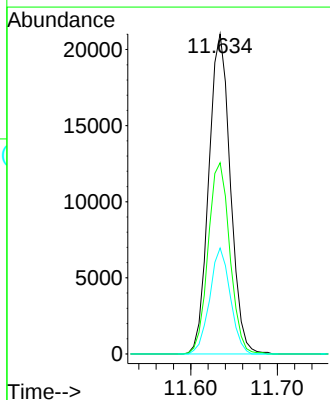
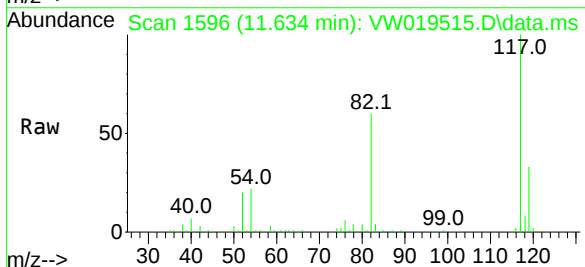
Instrument :
MSVOA_W
ClientSampleId :
SB-05-11.5-12.0

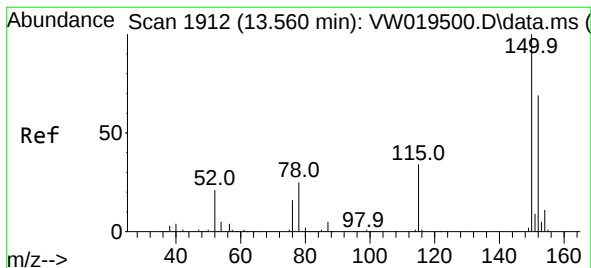
Tgt Ion:	95	Resp:	15877
Ion Ratio	Lower	Upper	
95	100		
174	71.3	0.0	146.6
176	69.0	0.0	136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

Tgt Ion:	117	Resp:	36338
Ion Ratio	Lower	Upper	
117	100		
82	59.8	47.4	71.0
119	33.1	26.6	39.8

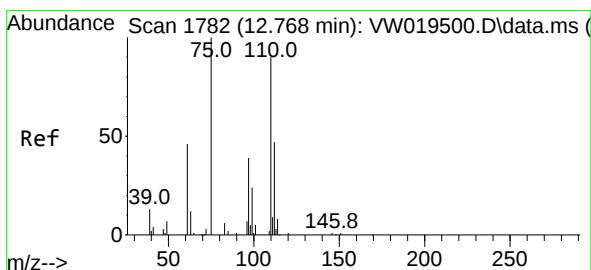
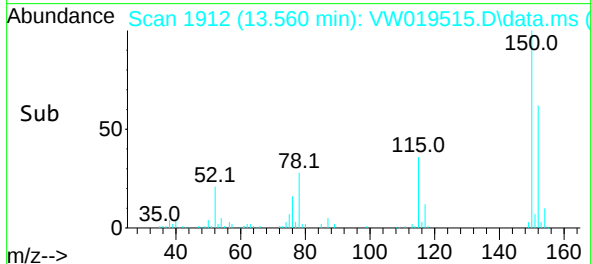
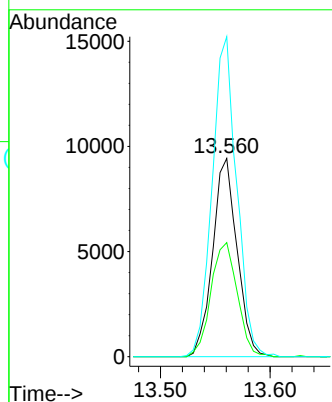
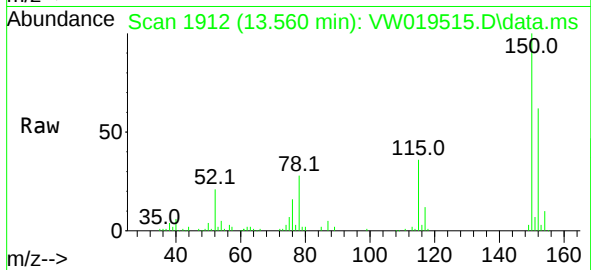




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

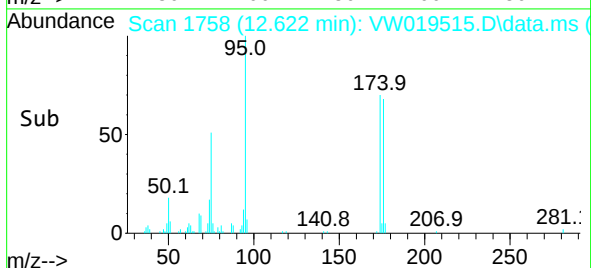
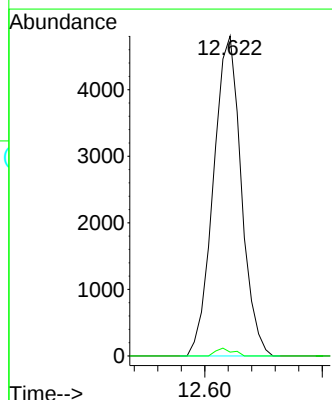
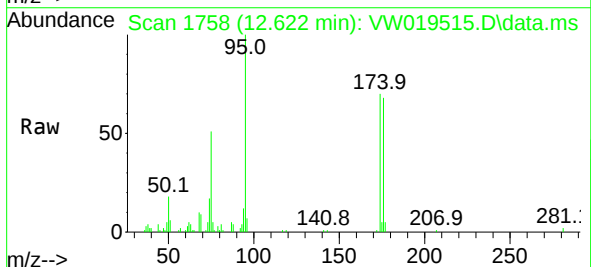
Instrument :
MSVOA_W
ClientSampleId :
SB-05-11.5-12.0

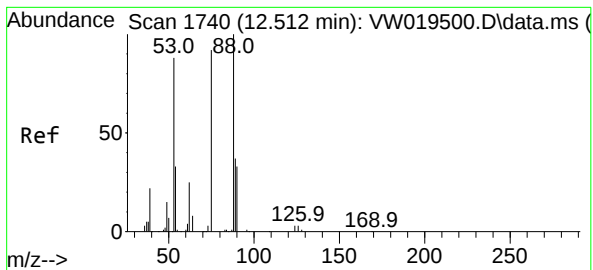
Tgt Ion:152 Resp: 14622
Ion Ratio Lower Upper
152 100
115 62.2 30.6 91.8
150 162.1 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 54.764 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. -0.146 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

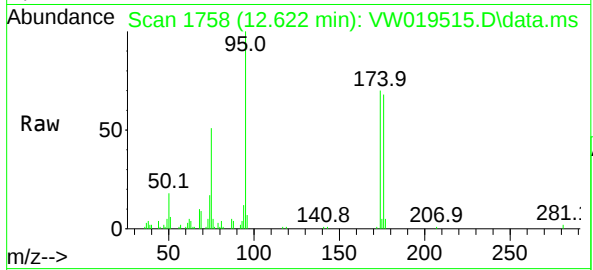
Tgt Ion: 75 Resp: 7914
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.805 ug/l
 RT: 12.622 min Scan# 1758
 Delta R.T. 0.110 min
 Lab File: VW019515.D
 Acq: 20 Jul 2021 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05-11.5-12.0



Tgt Ion:	75	Resp:	7914
Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.8	113.8#
89	0.0	35.7	53.5#

