

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 :

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)

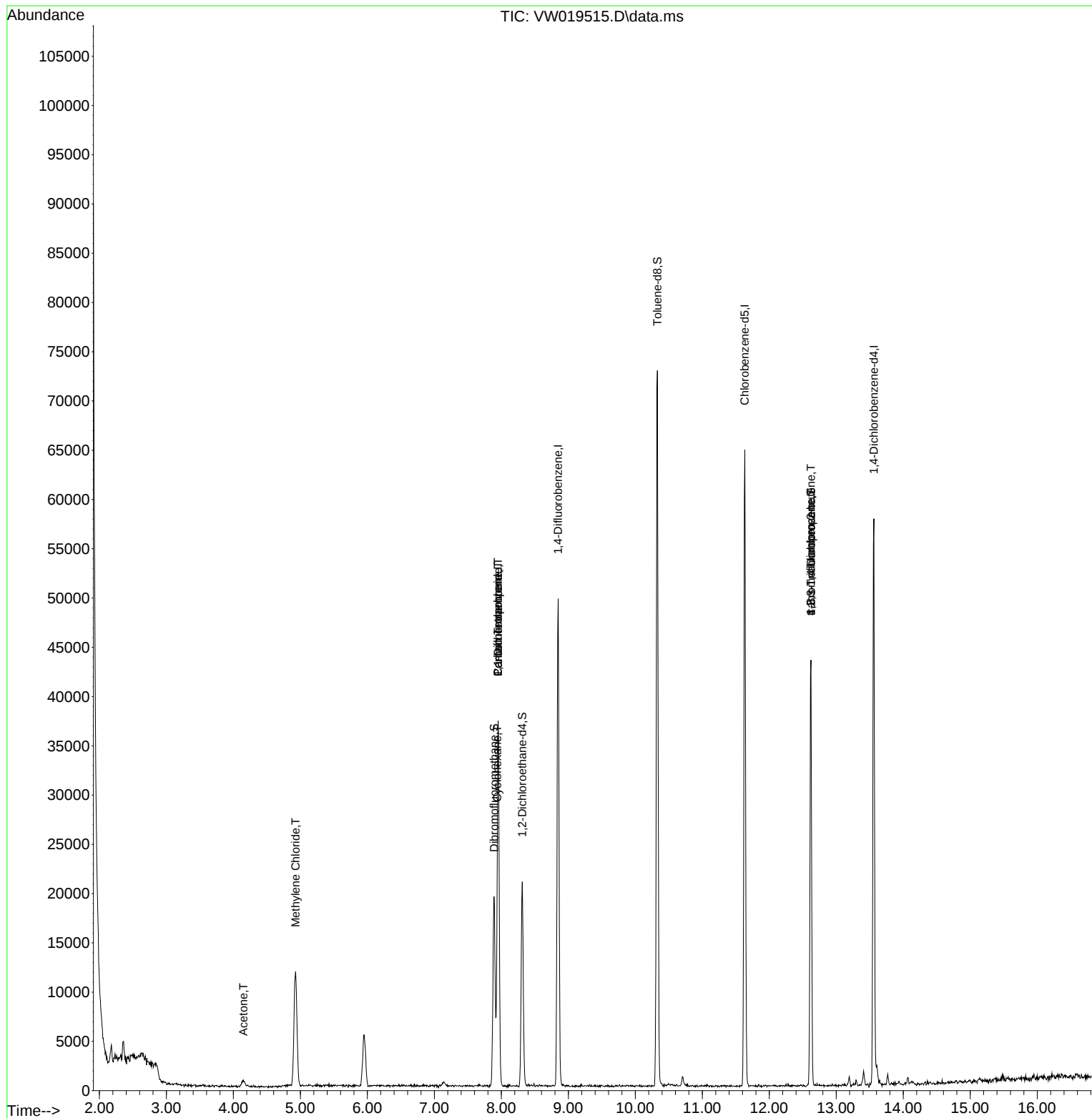
Internal Standards						
1) Pentafluorobenzene	7.952	168	26855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	41440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	36338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	14622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

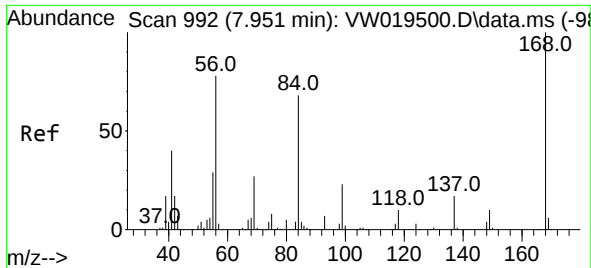
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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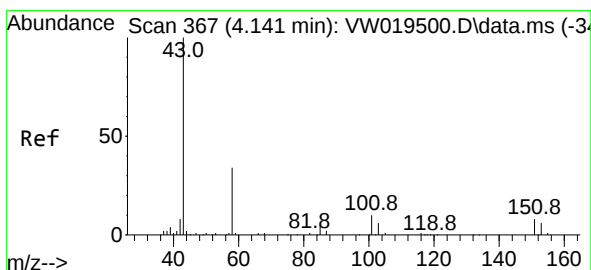
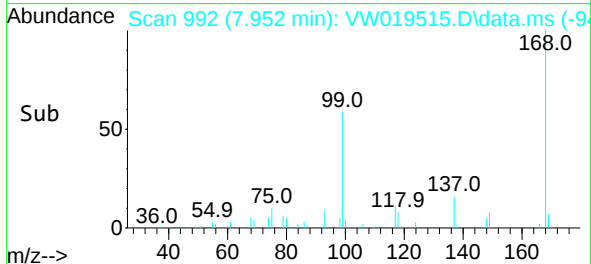
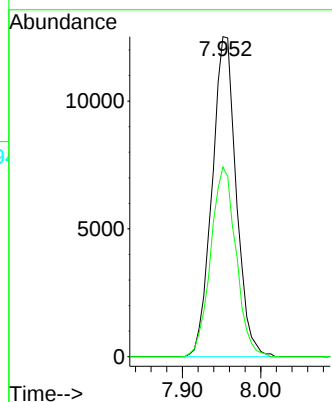
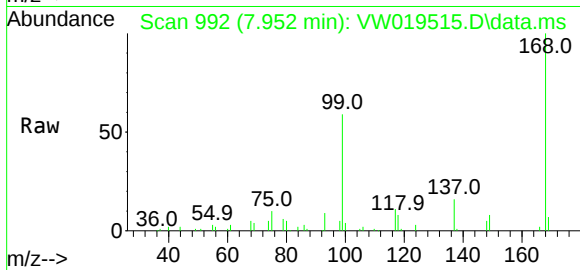




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

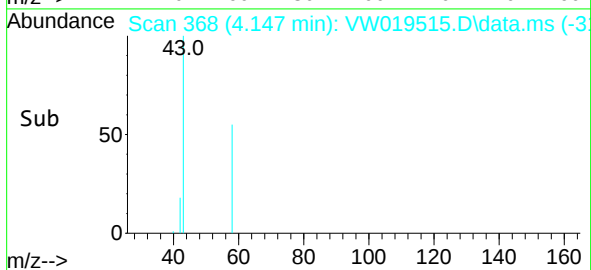
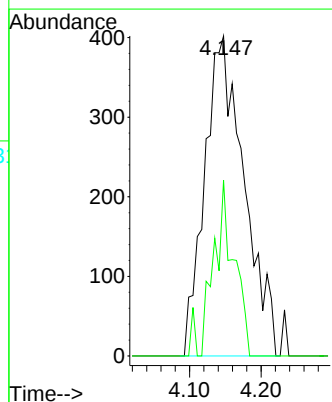
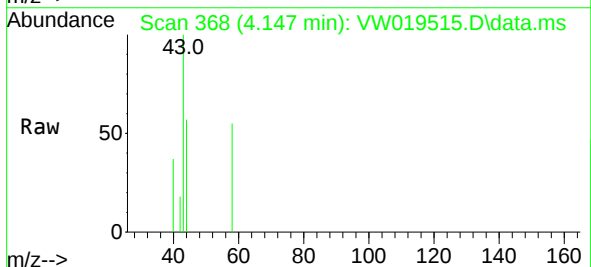
Instrument :
MSVOA_W
ClientSampleId :

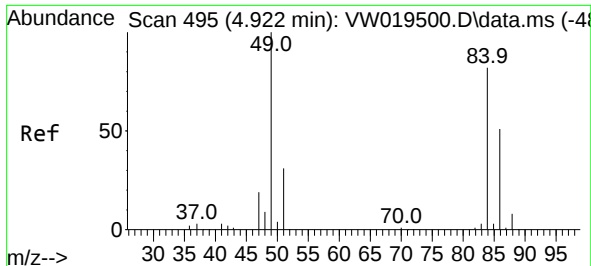
Tgt Ion:168 Resp: 26855
Ion Ratio Lower Upper
168 100
99 59.3 51.9 77.9



#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

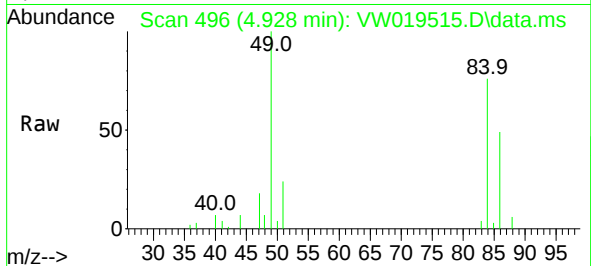
Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
58 55.0 27.2 40.8#



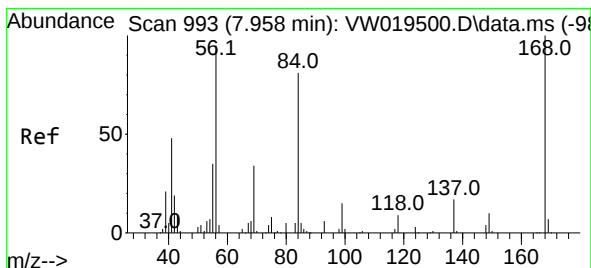
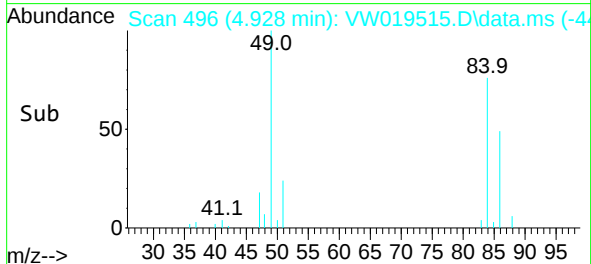
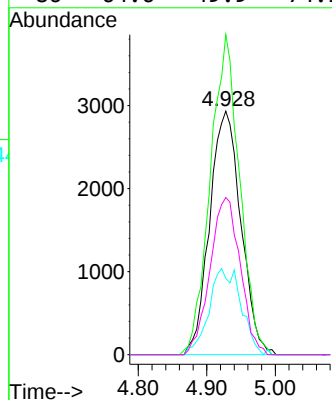


#20
Methylene Chloride
Concen: 26.792 ug/l
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

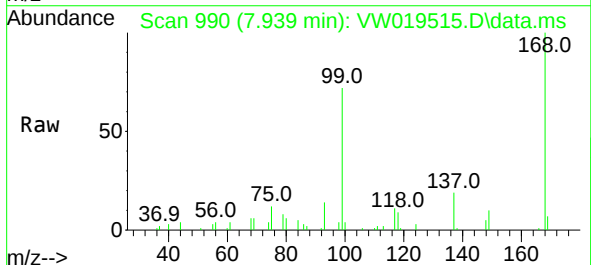
Instrument :
MSVOA_W
ClientSampled :



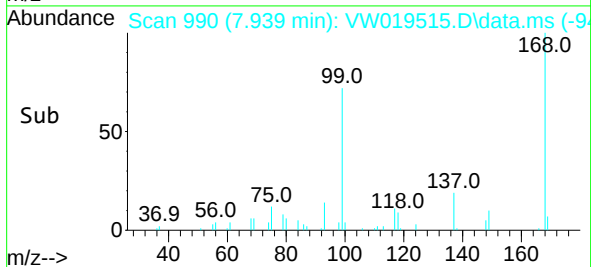
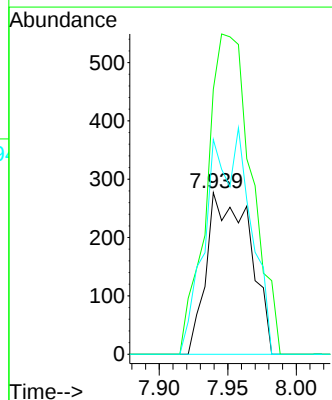
Tgt Ion:	84	Resp:	9275
Ion	Ratio	Lower	Upper
84	100		
49	131.4	97.2	145.8
51	31.3	30.1	45.1
86	64.6	49.9	74.9

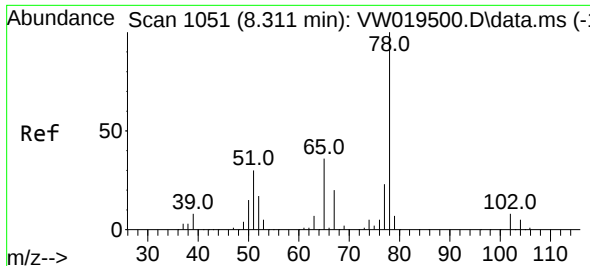


#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.939 min Scan# 990
Delta R.T. -0.018 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50



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#

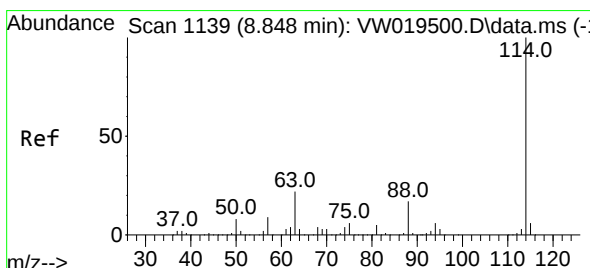
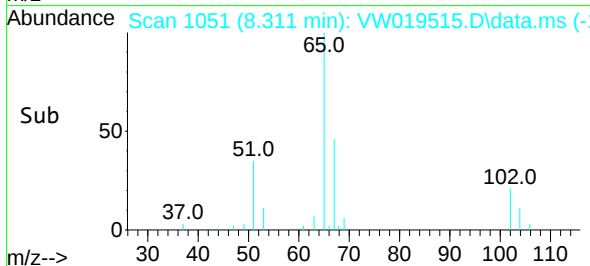
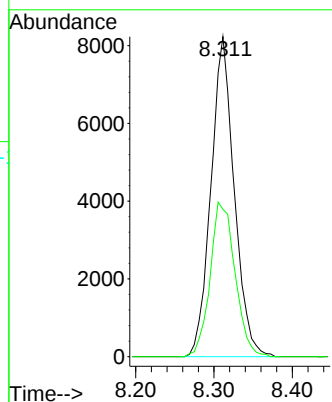
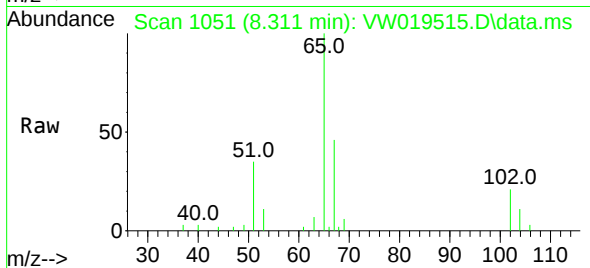




#33
1,2-Dichloroethane-d4
Concen: 66.945 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

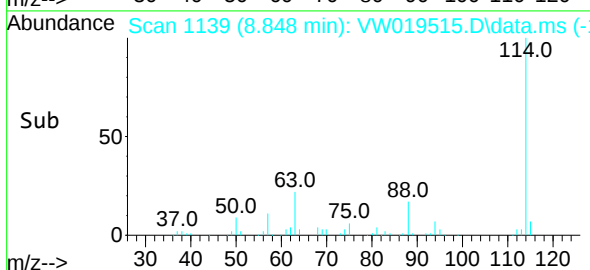
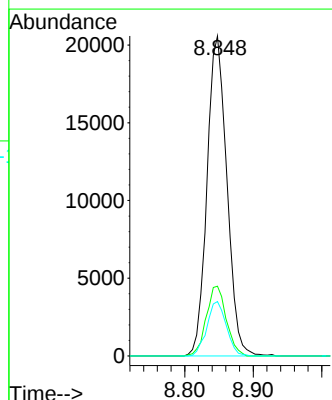
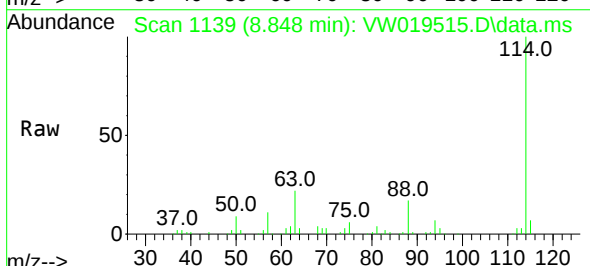
Instrument :
MSVOA_W
ClientSampled :

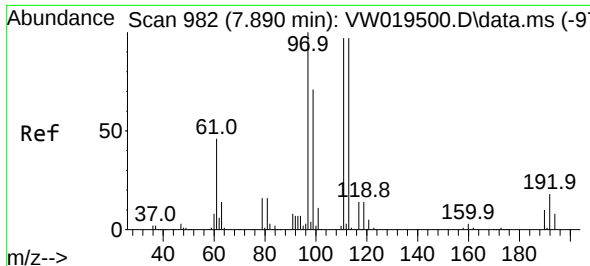
Tgt Ion: 65 Resp: 16995
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.8



#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

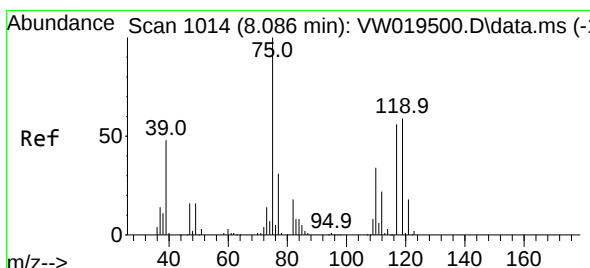
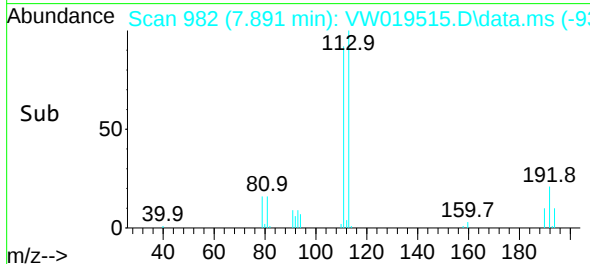
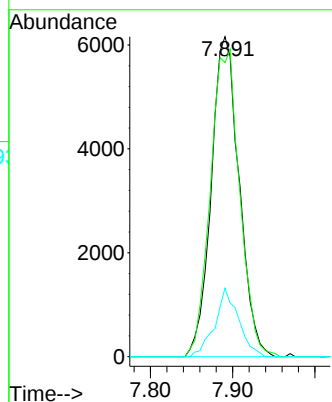
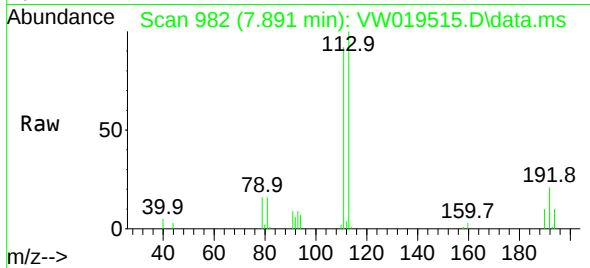




#35
Dibromofluoromethane
Concen: 57.358 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

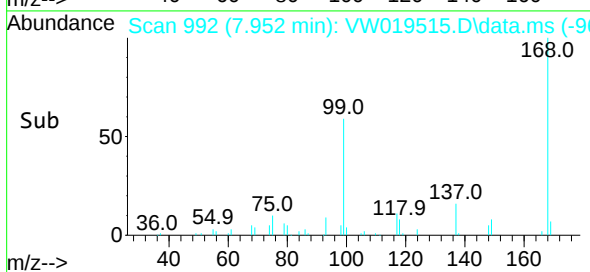
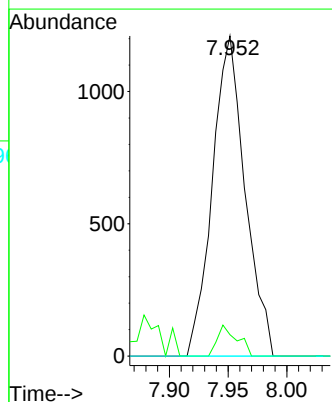
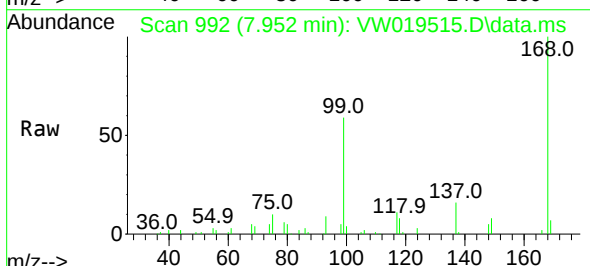
Instrument :
MSVOA_W
ClientSampleId :

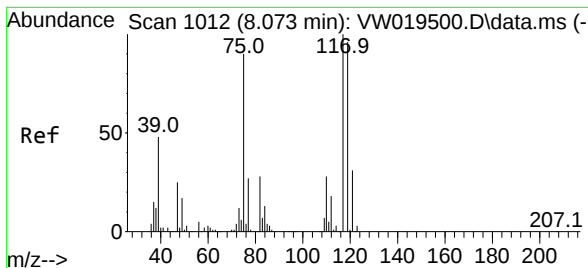
Tgt Ion:113 Resp: 14522
Ion Ratio Lower Upper
113 100
111 100.6 83.8 125.6
192 18.2 15.4 23.2



#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

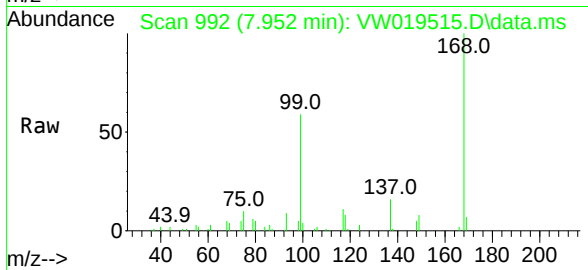
Tgt Ion: 75 Resp: 2342
Ion Ratio Lower Upper
75 100
110 5.8 16.6 49.7#
77 0.0 25.1 37.7#



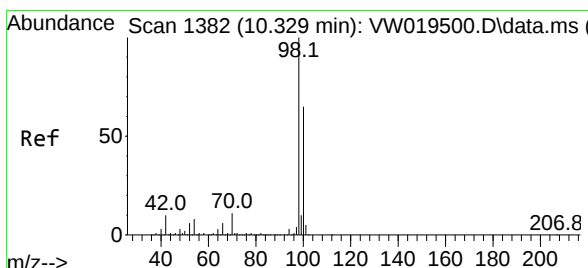
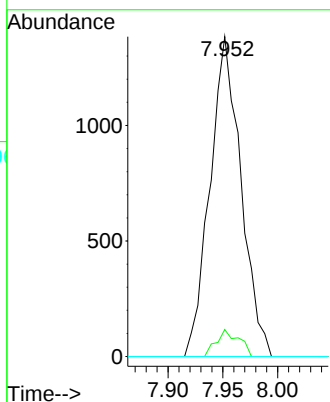
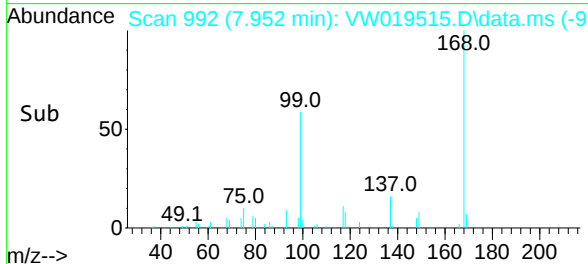


#38
Carbon Tetrachloride
Concen: 7.053 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

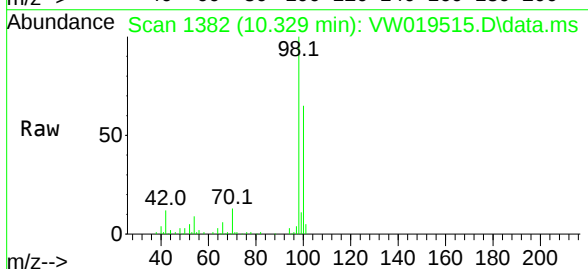
Instrument :
MSVOA_W
ClientSampleId :



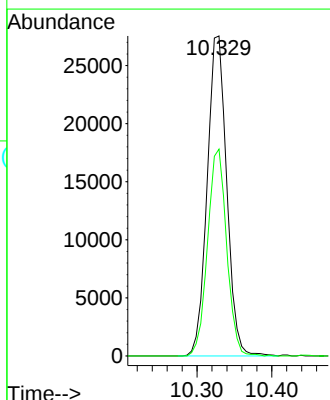
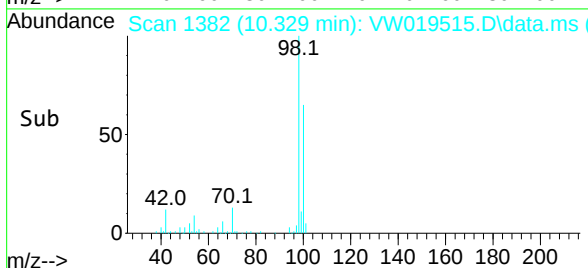
Tgt Ion:117 Resp: 2722
Ion Ratio Lower Upper
117 100
119 8.5 76.7 115.1#
121 0.0 24.8 37.2#

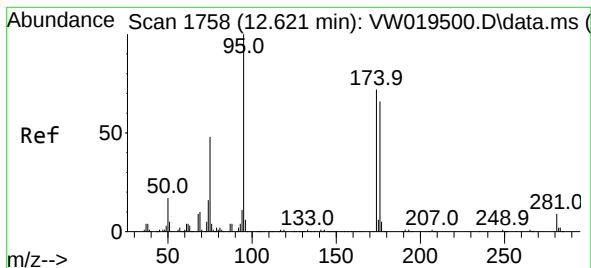


#50
Toluene-d8
Concen: 51.132 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50



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

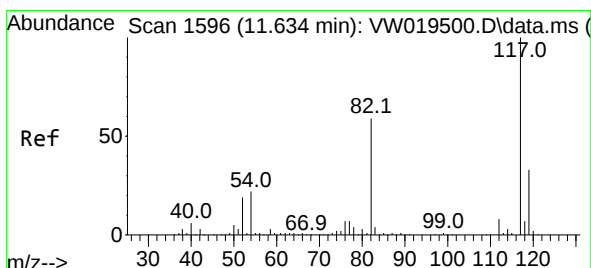
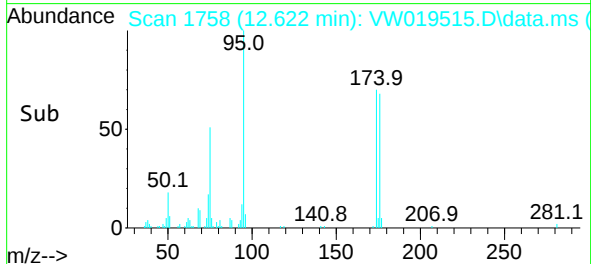
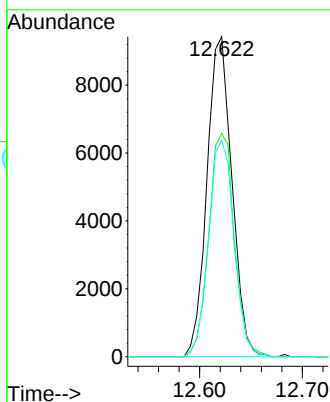
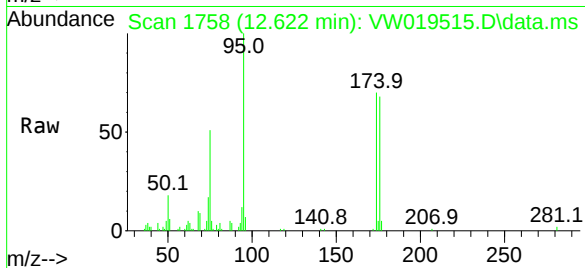




#62
4-Bromofluorobenzene
Concen: 43.179 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. 0.001 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

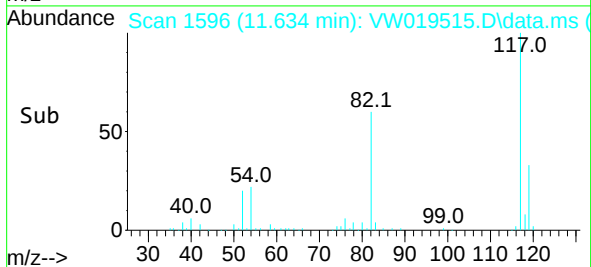
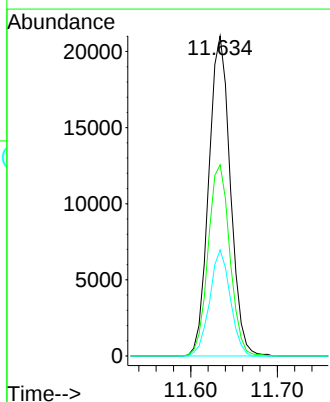
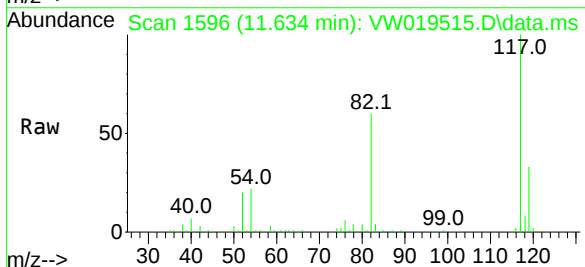
Instrument :
MSVOA_W
ClientSampleId :

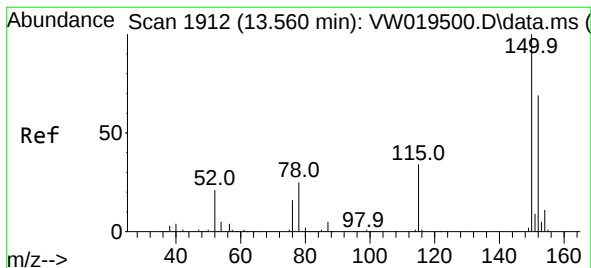
Tgt Ion: 95 Resp: 15877
Ion Ratio Lower Upper
95 100
174 71.3 0.0 146.6
176 69.0 0.0 136.8



#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

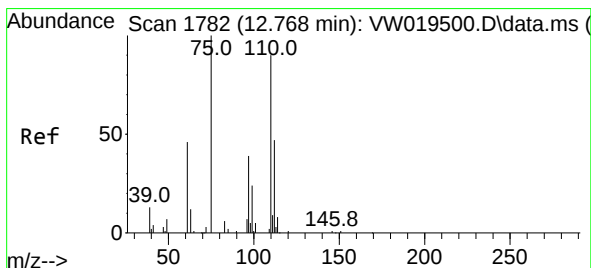
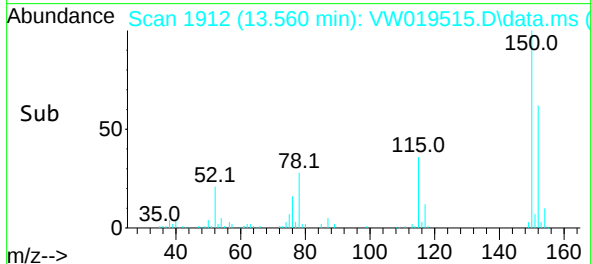
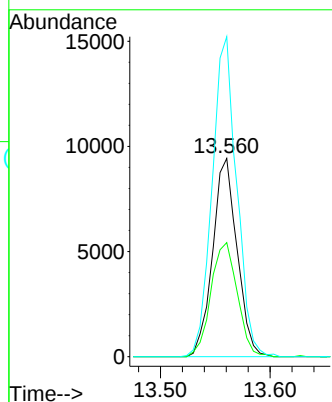
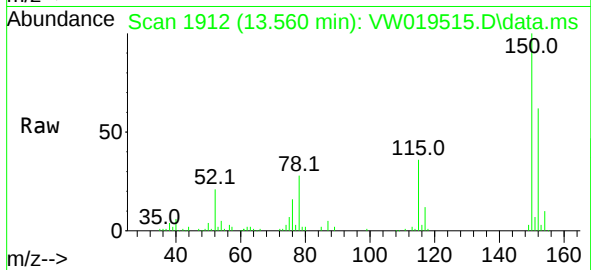




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019515.D
Acq: 20 Jul 2021 16:50

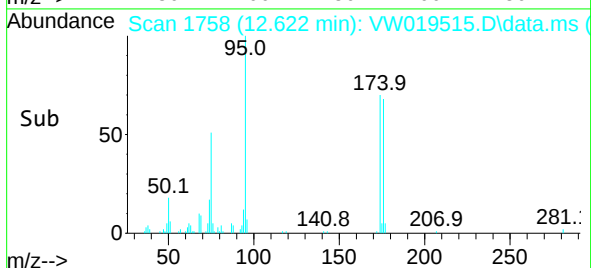
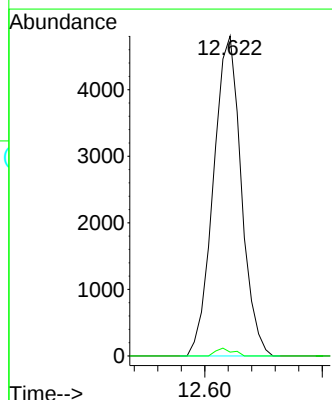
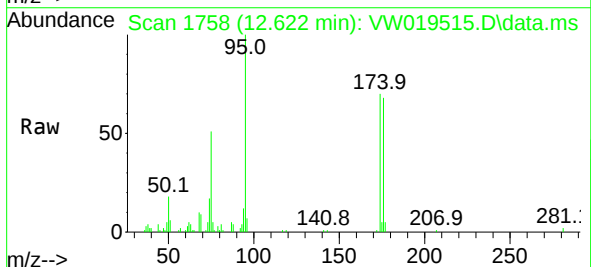
Instrument :
MSVOA_W
ClientSampled :

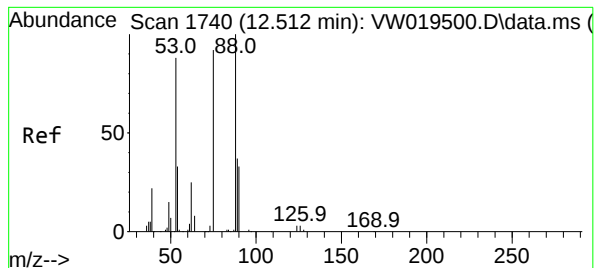
Tgt Ion:152 Resp: 14622
Ion Ratio Lower Upper
152 100
115 62.2 30.6 91.8
150 162.1 0.0 342.4



#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

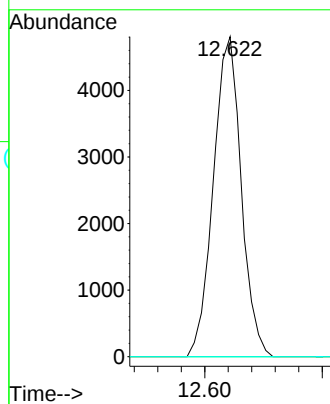
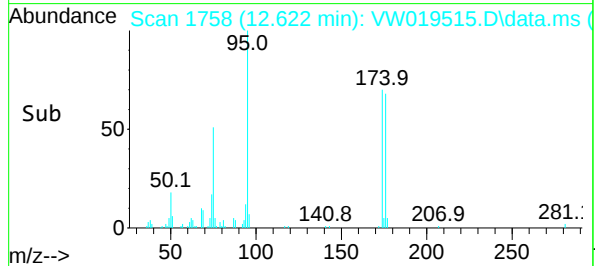
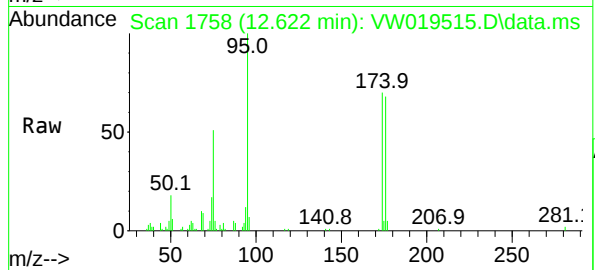
Tgt Ion: 75 Resp: 7914

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

89 0.0 35.7 53.5#



Instrument :
MSVOA_W
ClientSampleId :