

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019514.D
 Acq On : 20 Jul 2021 16:24
 Operator : SY/VA
 Sample : M3039-09
 Misc : 5.08g/5.3mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04-8.0-8.5

Quant Time: Jul 21 02:04:56 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)

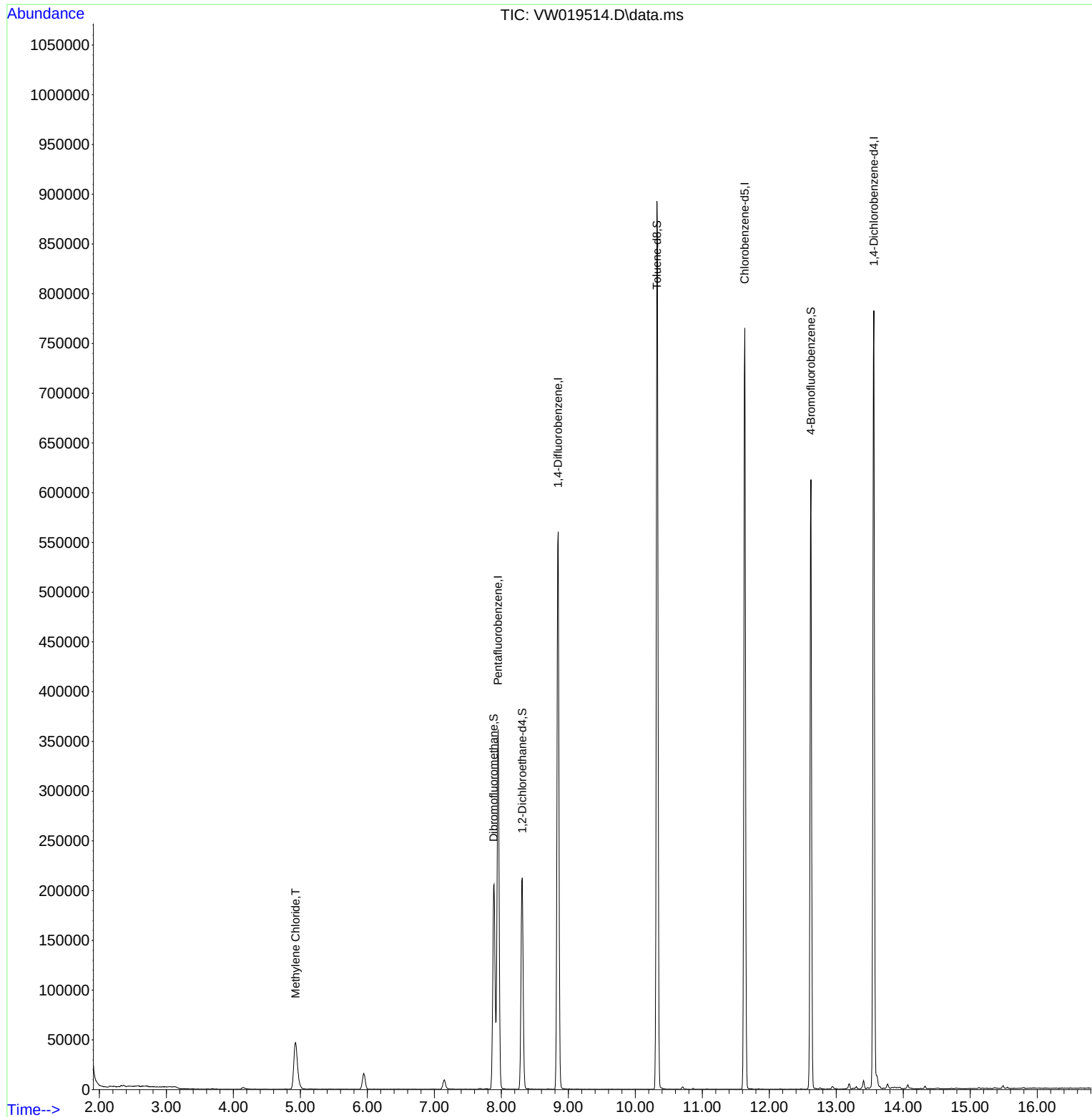
Internal Standards						
1) Pentafluorobenzene	7.952	168	253217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	474947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	428561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	205129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	175020	73.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.160%
35) Dibromofluoromethane	7.885	113	152504	52.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.120%
50) Toluene-d8	10.323	98	591066	52.610	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.220%
62) 4-Bromofluorobenzene	12.621	95	209973	49.825	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.640%
Target Compounds						Qvalue
20) Methylene Chloride	4.928	84	46436	11.856	ug/l	98

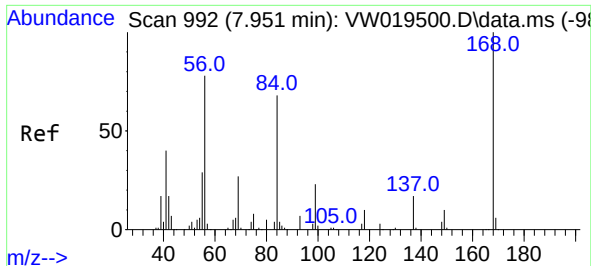
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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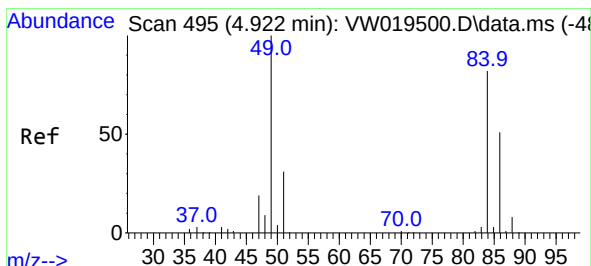
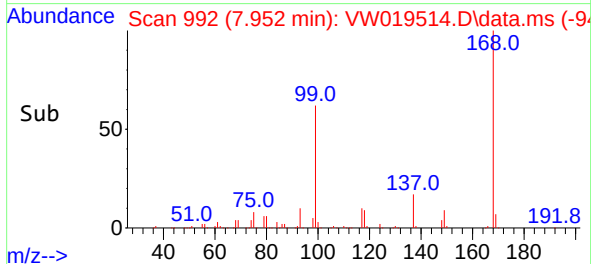
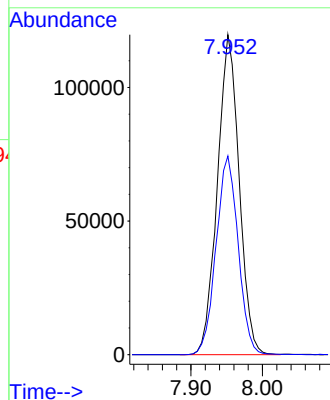
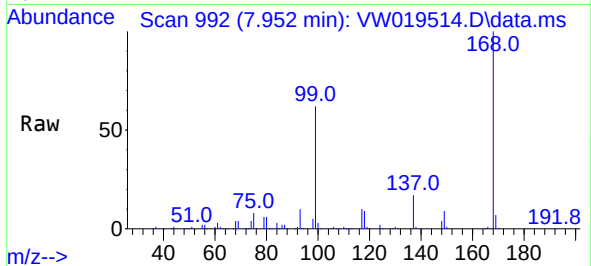




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

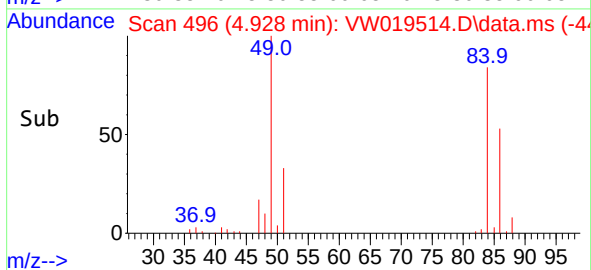
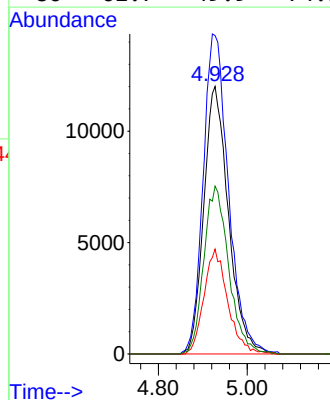
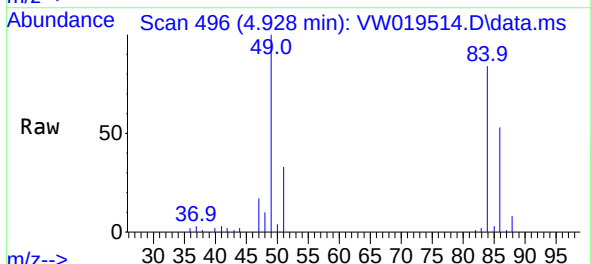
Instrument :
MSVOA_W
ClientSampleId :
SB-04-8.0-8.5

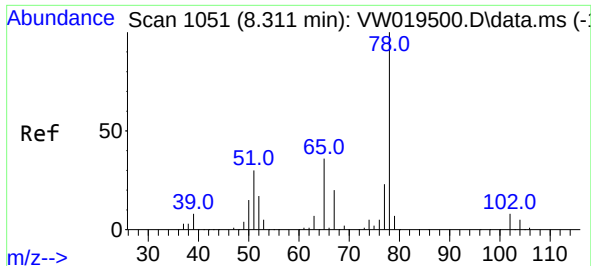
Tgt Ion:168 Resp: 253217
Ion Ratio Lower Upper
168 100
99 62.1 51.9 77.9



#20
Methylene Chloride
Concen: 11.856 ug/l
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

Tgt Ion: 84 Resp: 46436
Ion Ratio Lower Upper
84 100
49 119.0 97.2 145.8
51 39.2 30.1 45.1
86 62.7 49.9 74.9

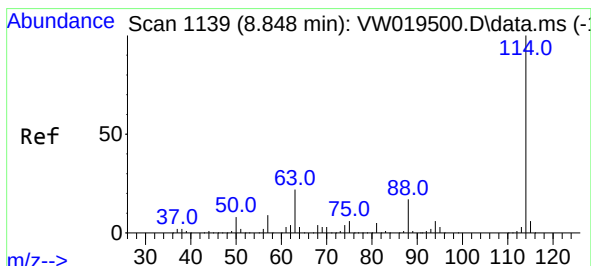
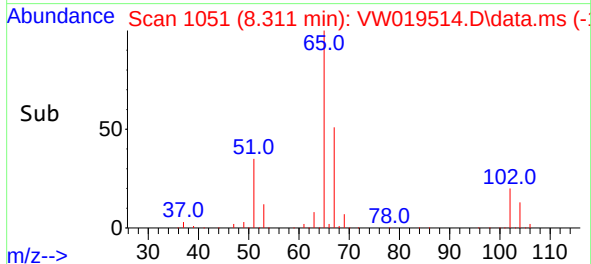
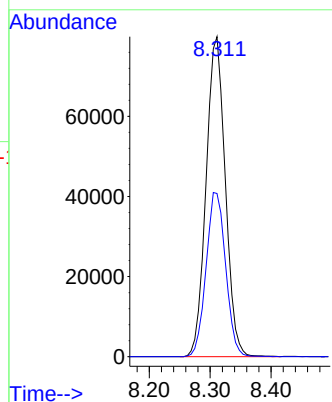
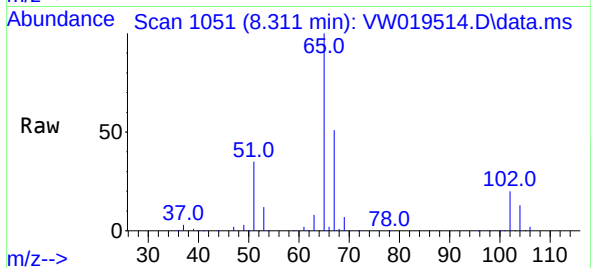




#33
1,2-Dichloroethane-d4
Concen: 73.579 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

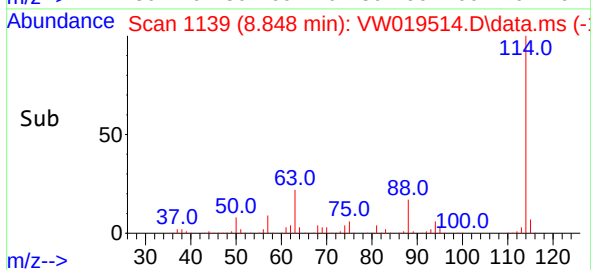
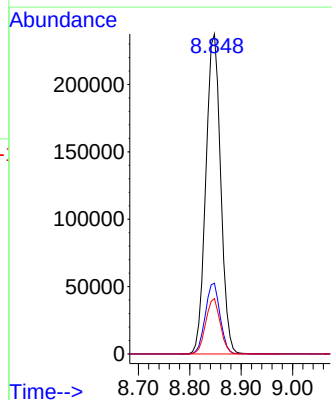
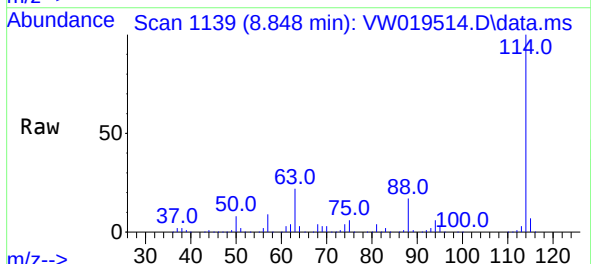
Instrument :
MSVOA_W
ClientSampleId :
SB-04-8.0-8.5

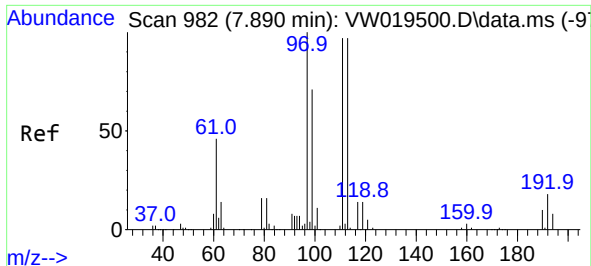
Tgt Ion: 65 Resp: 175020
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

Tgt Ion: 114 Resp: 474947
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.8
88 17.3 0.0 33.4

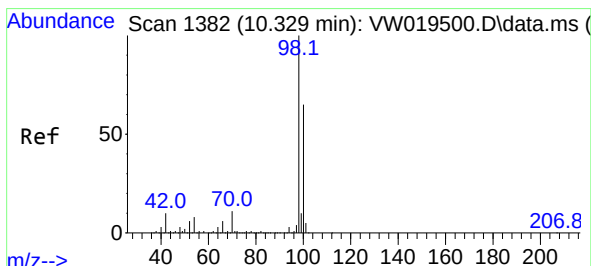
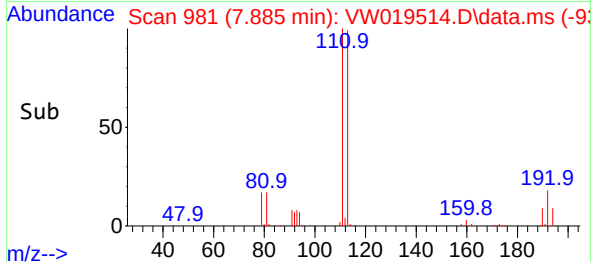
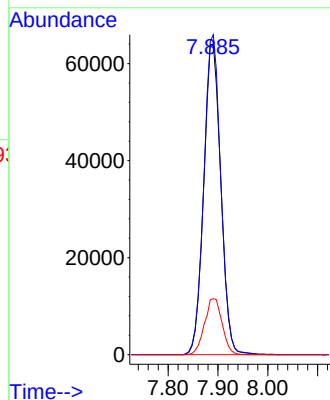
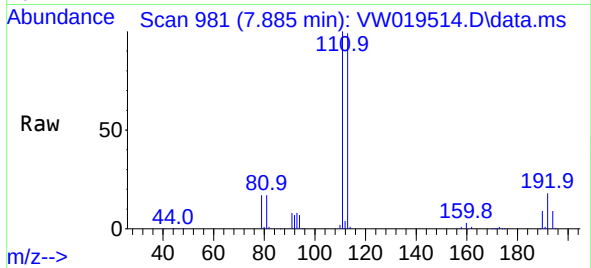




#35
 Dibromofluoromethane
 Concen: 52.556 ug/l
 RT: 7.885 min Scan# 981
 Delta R.T. -0.005 min
 Lab File: VW019514.D
 Acq: 20 Jul 2021 16:24

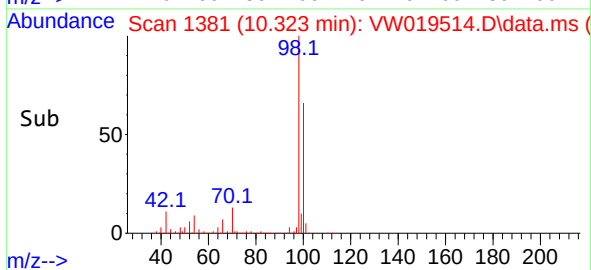
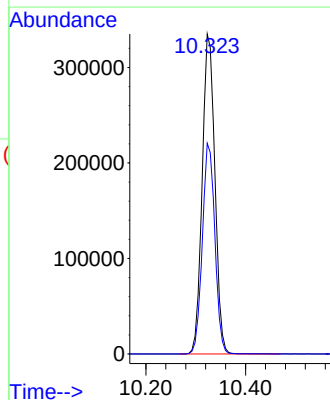
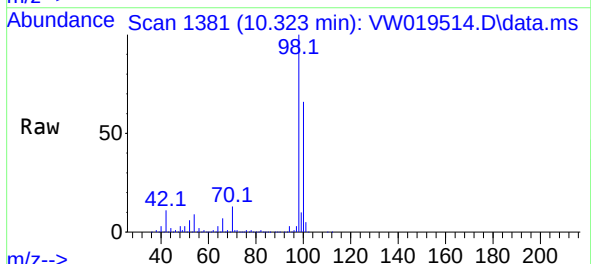
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04-8.0-8.5

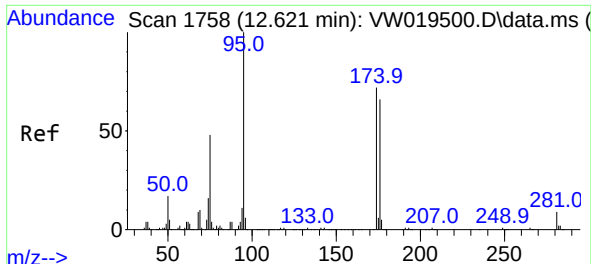
Tgt Ion:113 Resp: 152504
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.8 125.6
 192 18.5 15.4 23.2



#50
 Toluene-d8
 Concen: 52.610 ug/l
 RT: 10.323 min Scan# 1381
 Delta R.T. -0.006 min
 Lab File: VW019514.D
 Acq: 20 Jul 2021 16:24

Tgt Ion: 98 Resp: 591066
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.2 78.4



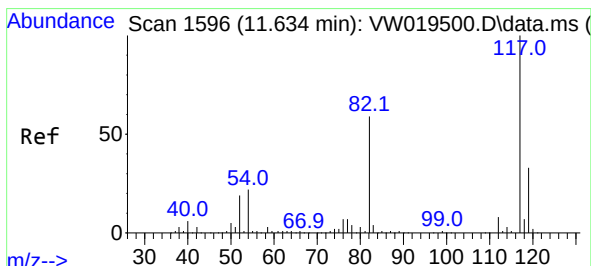
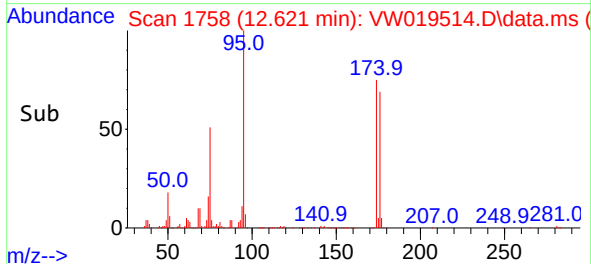
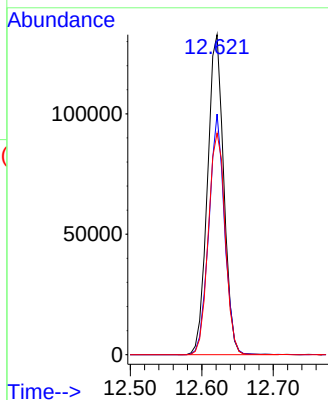
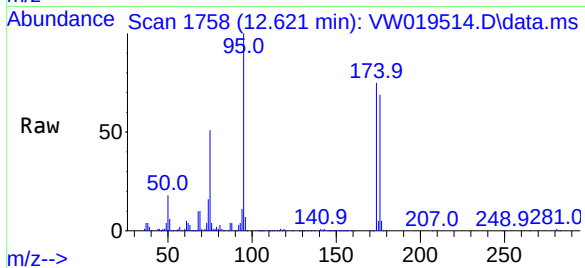


#62
4-Bromofluorobenzene
Concen: 49.825 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :
SB-04-8.0-8.5

Tgt Ion: 95 Resp: 209973

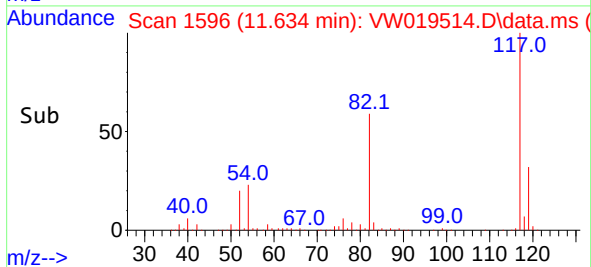
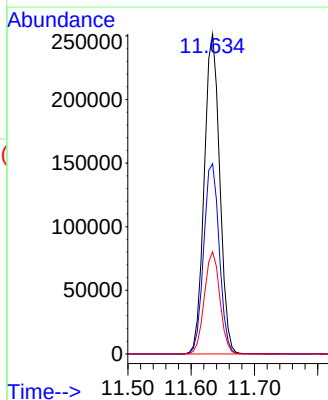
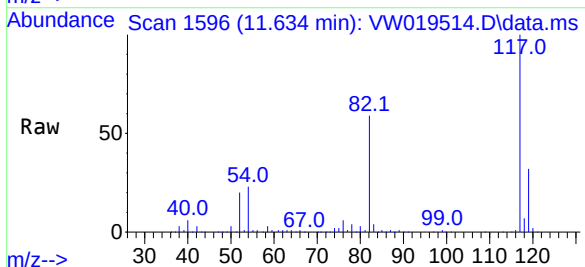
Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	146.6
176	71.4	0.0	136.8

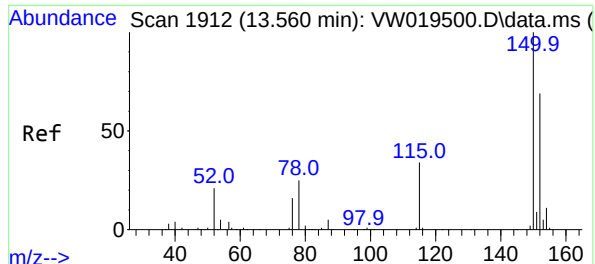


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

Tgt Ion: 117 Resp: 428561

Ion	Ratio	Lower	Upper
117	100		
82	59.4	47.4	71.0
119	31.9	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: VW019514.D
 Acq: 20 Jul 2021 16:24

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04-8.0-8.5

Tgt Ion:152 Resp: 205129
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.6 91.8
 150 155.2 0.0 342.4

