

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069481.D
 Acq On : 17 Jun 2021 15:50
 Operator : VA/SY
 Sample : M2734-01
 Misc : 6.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CWSP

Quant Time: Jun 18 01:27:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

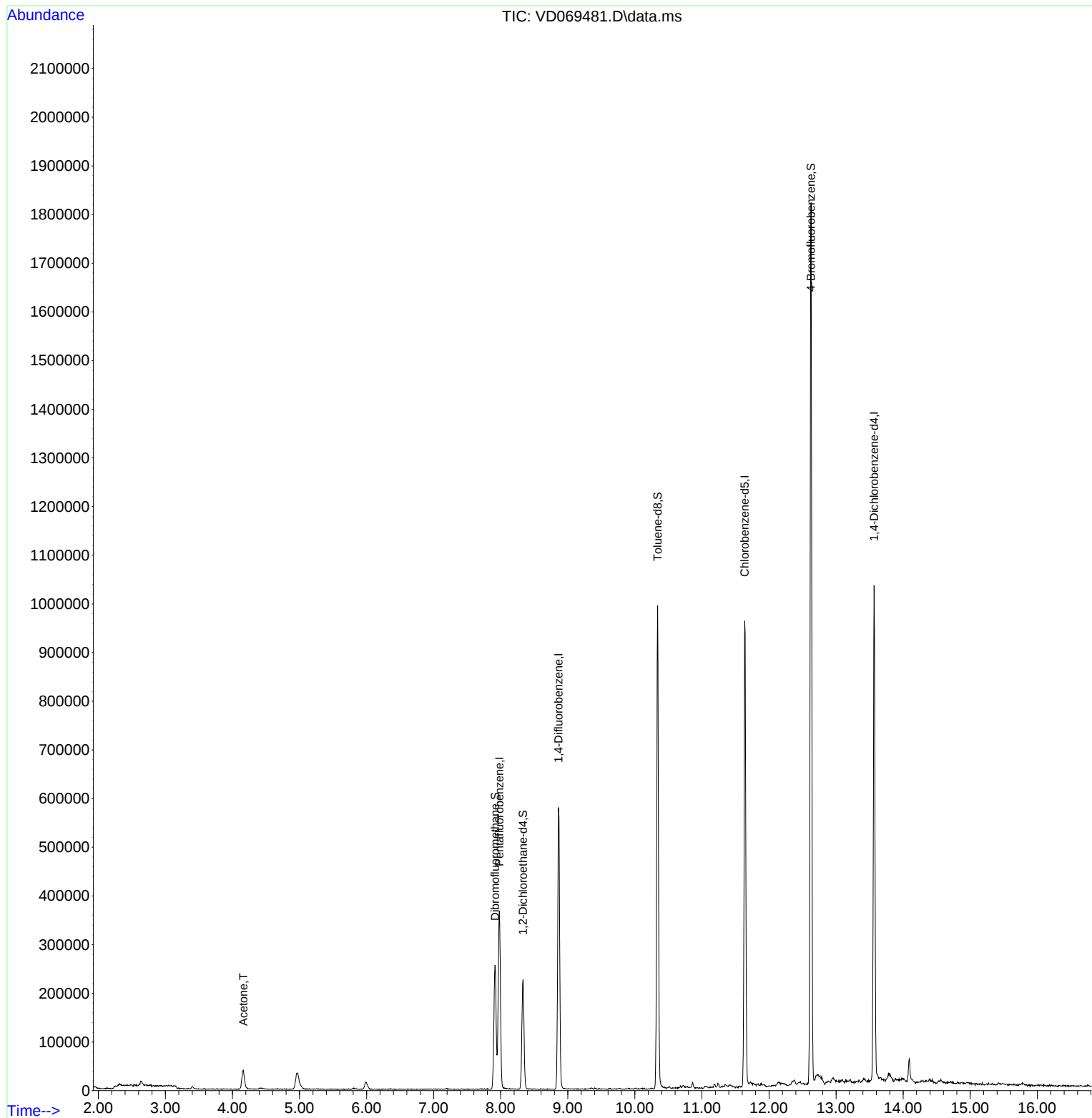
Internal Standards						
1) Pentafluorobenzene	7.979	168	273676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	521880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	584800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	280512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181328	58.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.460%
35) Dibromofluoromethane	7.914	113	188912	48.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.660%
50) Toluene-d8	10.338	98	683620	47.817	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.640%
62) 4-Bromofluorobenzene	12.626	95	283810	61.869	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.740%
Target Compounds						
16) Acetone	4.162	43	67594	132.264	ug/l	Qvalue 97

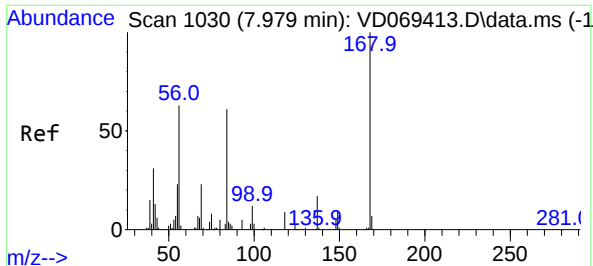
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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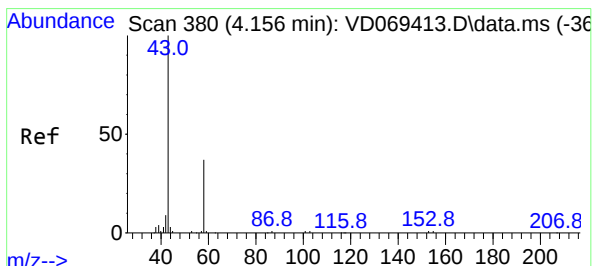
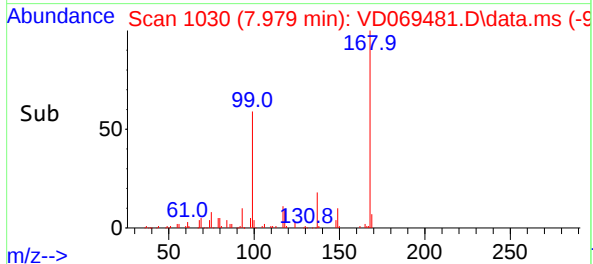
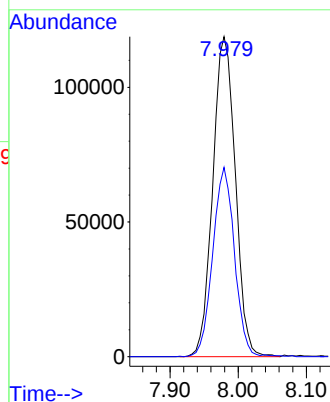
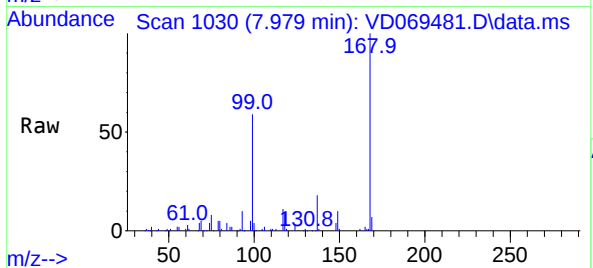




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

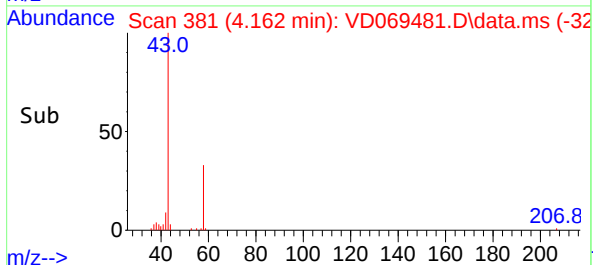
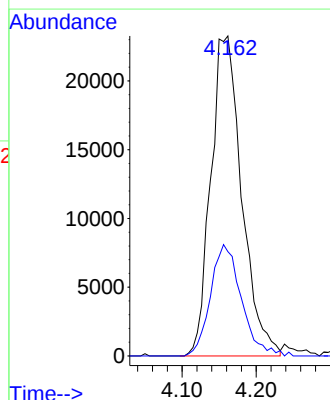
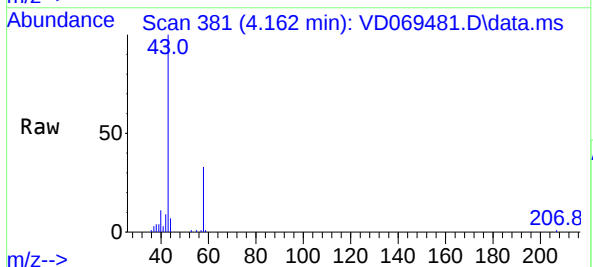
Instrument :
MSVOA_D
ClientSampleId :
CWSP

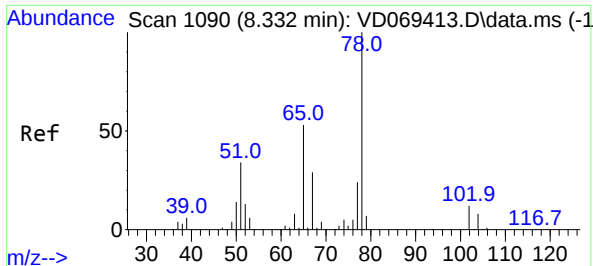
Tgt Ion:168 Resp: 273676
Ion Ratio Lower Upper
168 100
99 59.0 46.2 69.2



#16
Acetone
Concen: 132.264 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Tgt Ion: 43 Resp: 67594
Ion Ratio Lower Upper
43 100
58 32.6 27.5 41.3



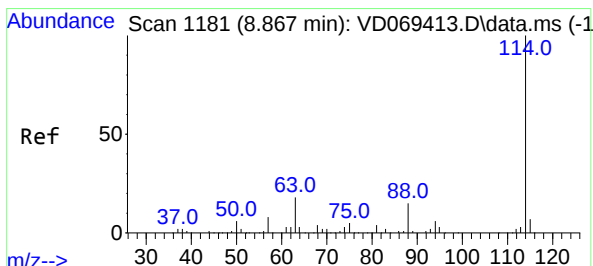
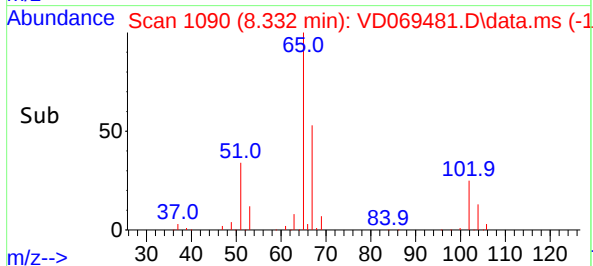
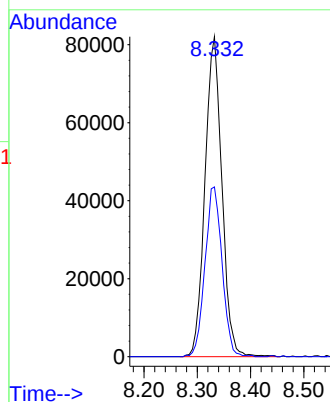
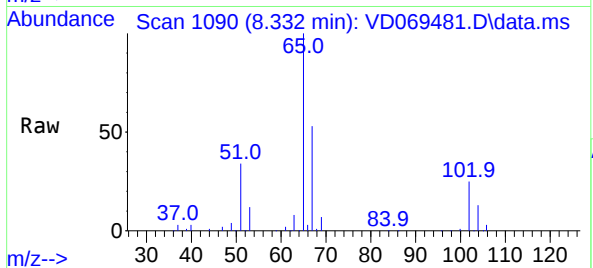


#33

1,2-Dichloroethane-d4
Concen: 58.730 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Instrument :
MSVOA_D
ClientSampleId :
CWSP

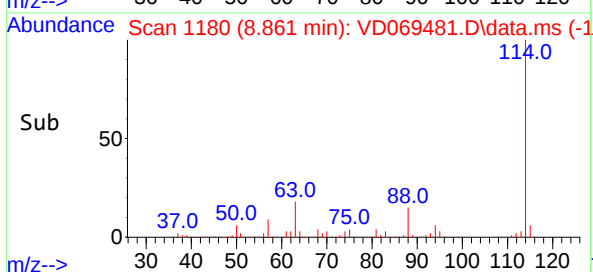
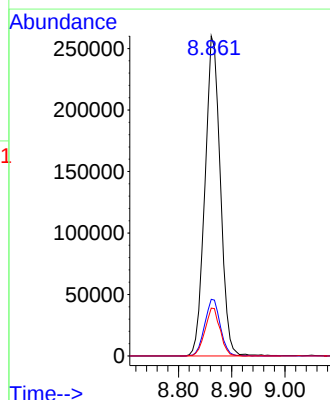
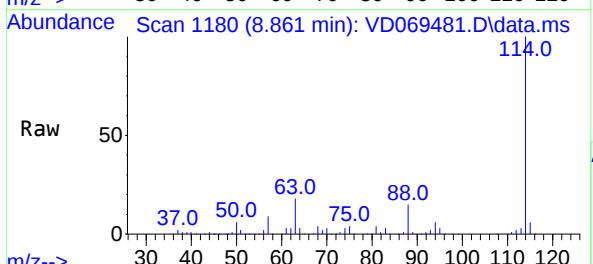
Tgt Ion: 65 Resp: 181328
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.8

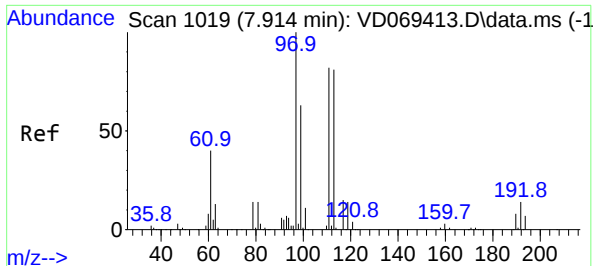


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Tgt Ion: 114 Resp: 521880
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.6
88 15.0 0.0 31.2

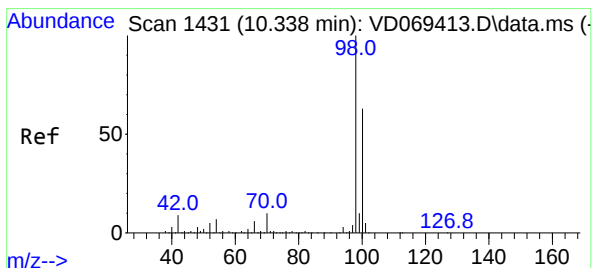
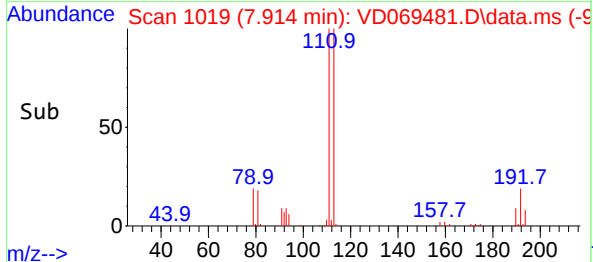
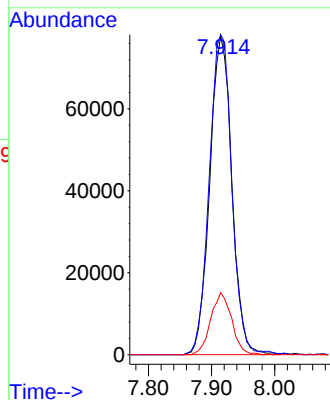
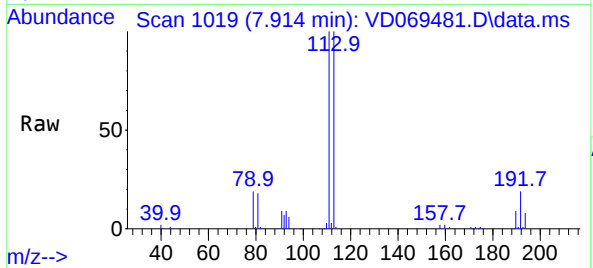




#35
Dibromofluoromethane
Concen: 48.329 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

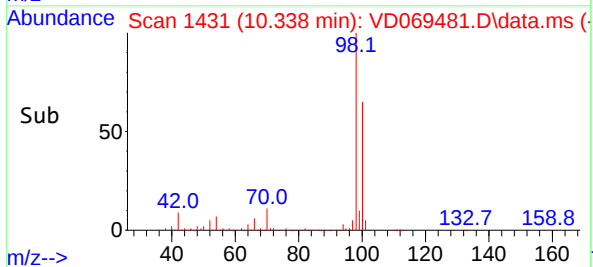
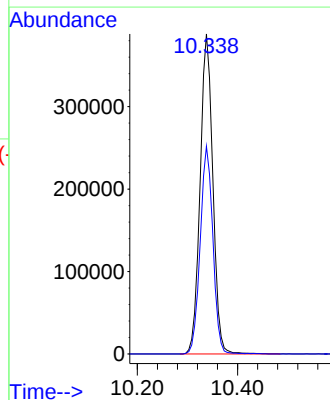
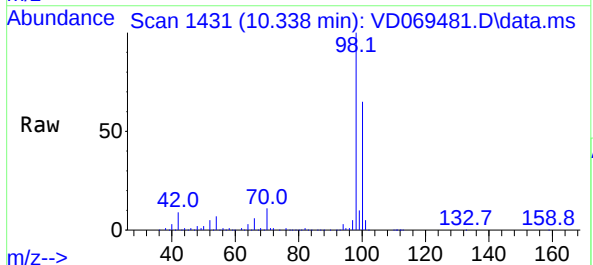
Instrument :
MSVOA_D
ClientSampleId :
CWSP

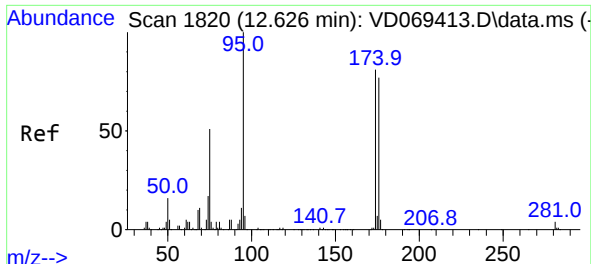
Tgt Ion:113 Resp: 188912
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 18.5 15.1 22.7



#50
Toluene-d8
Concen: 47.817 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Tgt Ion: 98 Resp: 683620
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

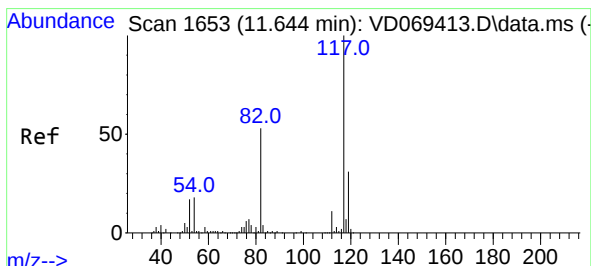
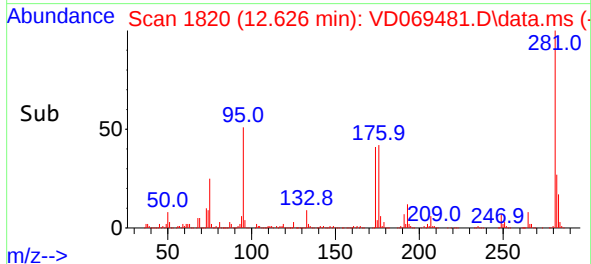
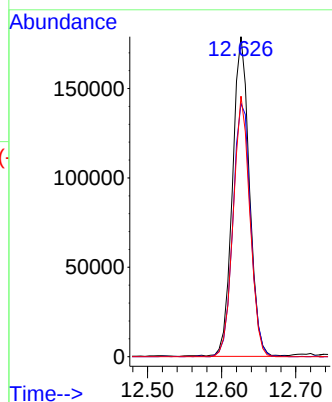
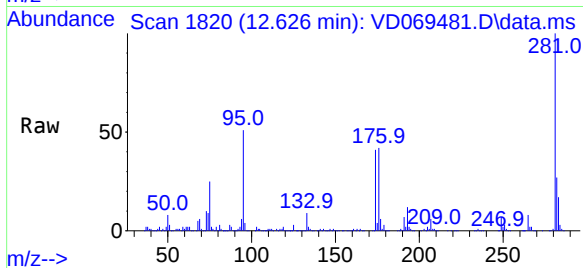




#62
4-Bromofluorobenzene
Concen: 61.869 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

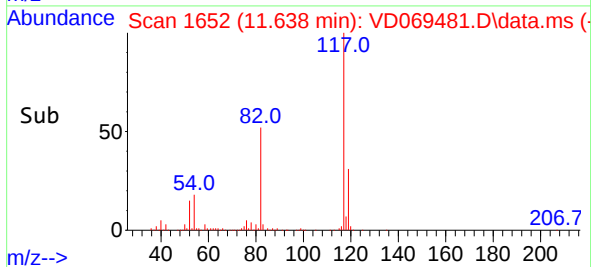
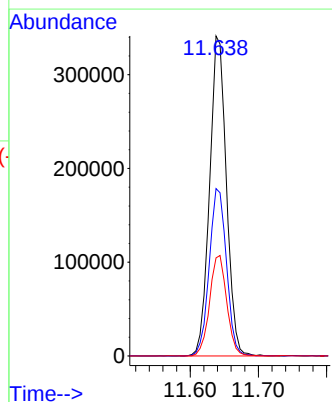
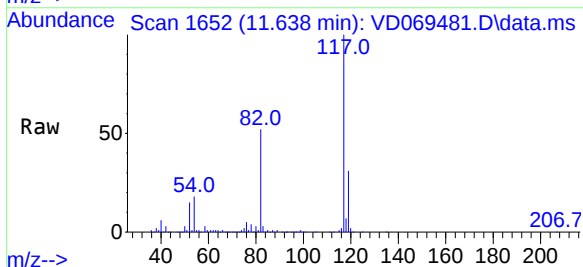
Instrument :
MSVOA_D
ClientSampled :
CWSP

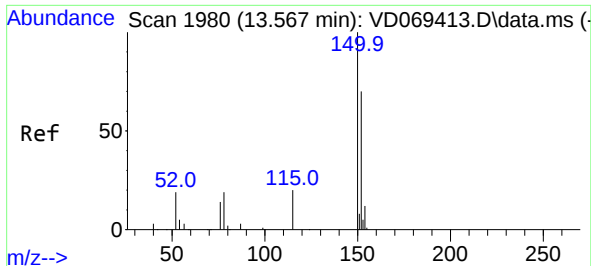
Tgt Ion: 95 Resp: 283810
Ion Ratio Lower Upper
95 100
174 82.5 0.0 162.8
176 80.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069481.D
Acq: 17 Jun 2021 15:50

Tgt Ion: 117 Resp: 584800
Ion Ratio Lower Upper
117 100
82 52.2 43.3 64.9
119 30.6 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069481.D
 Acq: 17 Jun 2021 15:50

Instrument :
 MSVOA_D
 ClientSampleId :
 CWSP

Tgt Ion:	152	Resp:	280512
Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.4	88.3
150	158.3	0.0	355.0

