

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062121\
 Data File : VD069505.D
 Acq On : 21 Jun 2021 17:25
 Operator : VA/SY
 Sample : M2778-08
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CF-VOC

Quant Time: Jun 22 05:09:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

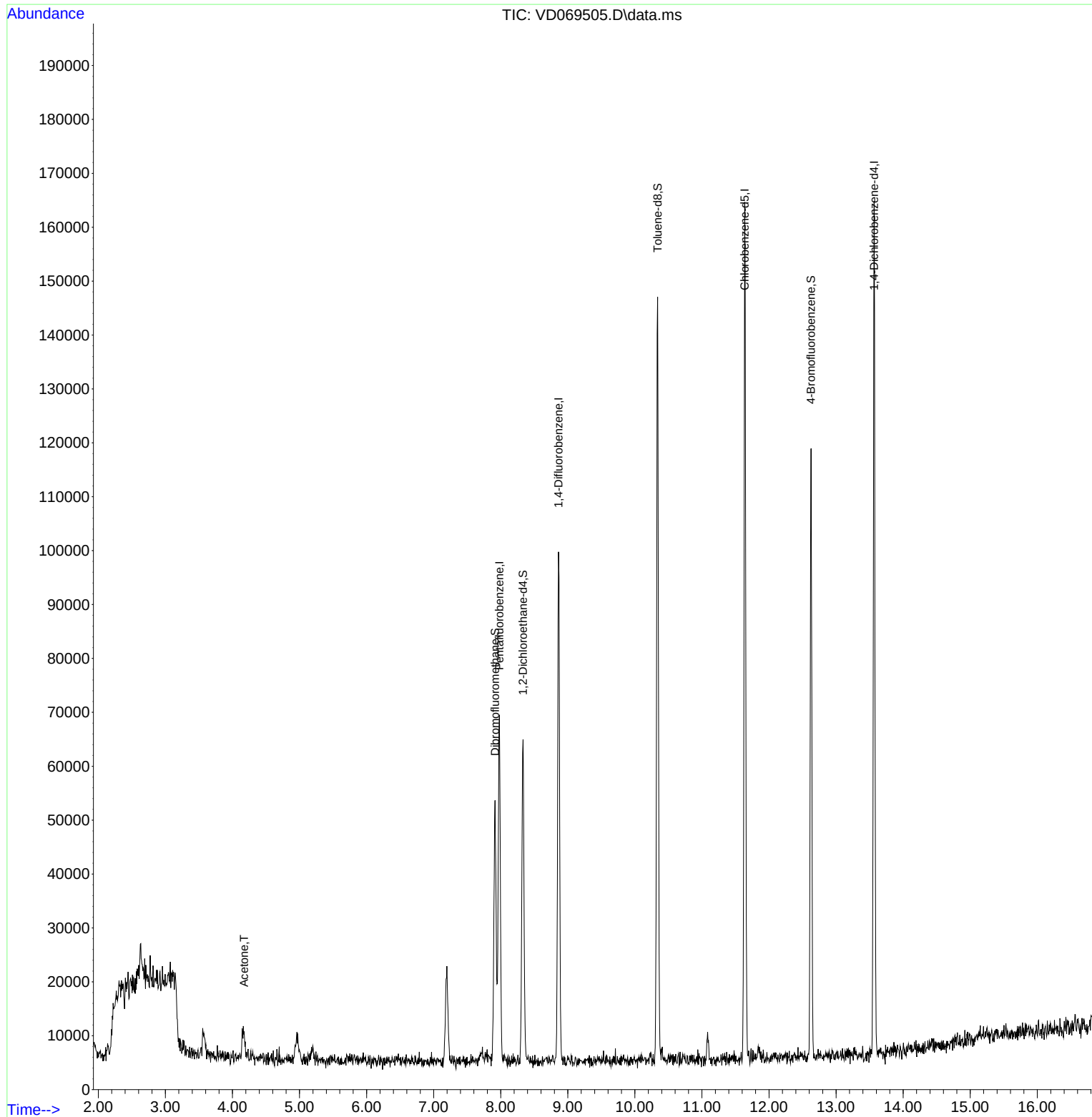
Internal Standards						
1) Pentafluorobenzene	7.979	168	43031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	74671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	88224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	38579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	46781	87.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 174.440%#	
35) Dibromofluoromethane	7.914	113	34500	68.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.700%	
50) Toluene-d8	10.338	98	98833	52.201	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.626	95	36339	58.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.760%	
Target Compounds						
16) Acetone	4.173	43	9717	107.632	ug/l	Qvalue # 73

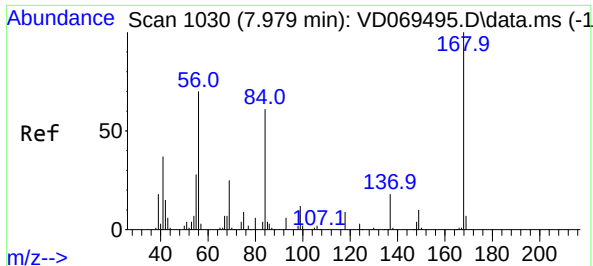
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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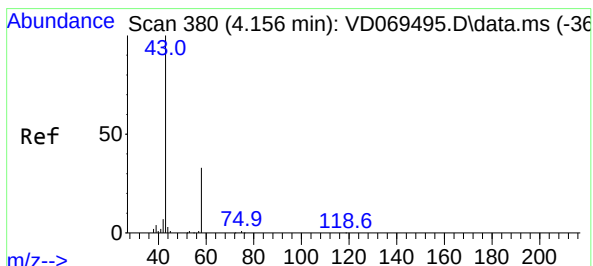
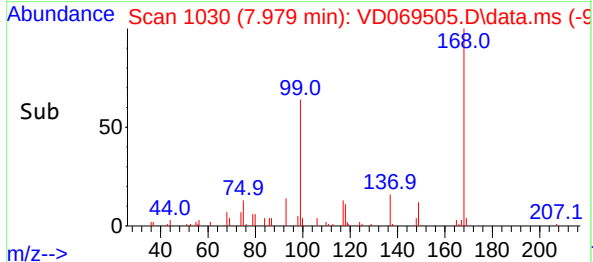
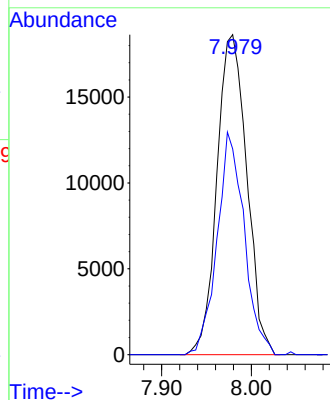
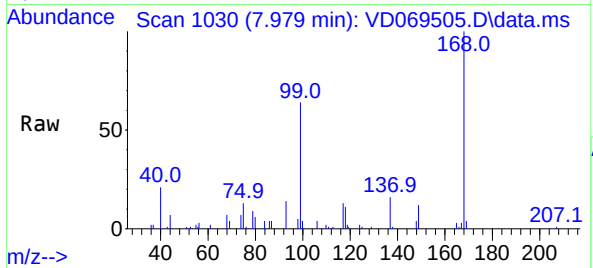




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069505.D
Acq: 21 Jun 2021 17:25

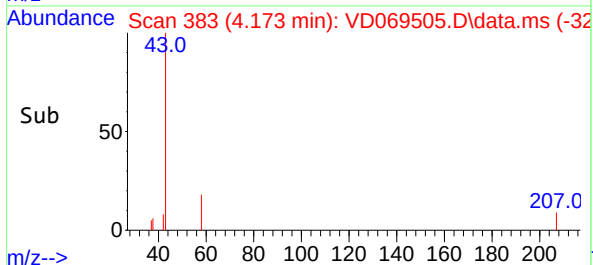
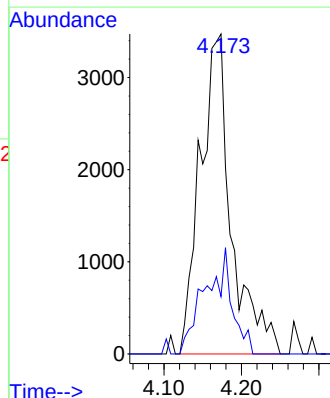
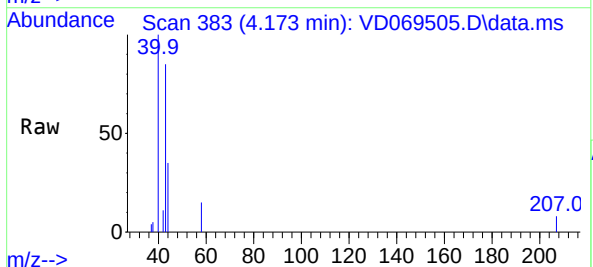
Instrument :
MSVOA_D
ClientSampleId :
CF-VOC

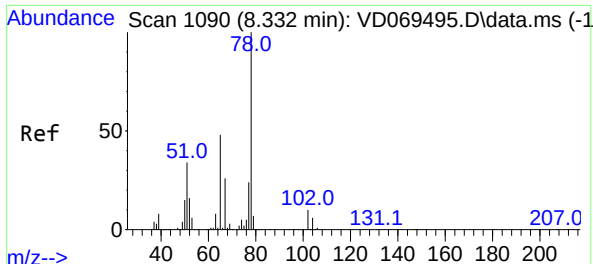
Tgt Ion:168 Resp: 43031
Ion Ratio Lower Upper
168 100
99 64.3 49.3 73.9



#16
Acetone
Concen: 107.632 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD069505.D
Acq: 21 Jun 2021 17:25

Tgt Ion: 43 Resp: 9717
Ion Ratio Lower Upper
43 100
58 18.0 26.8 40.2#

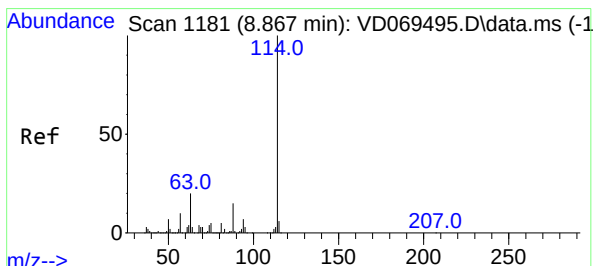
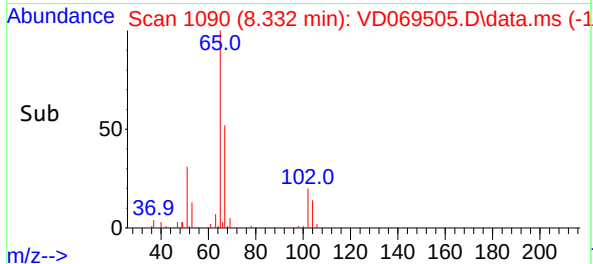
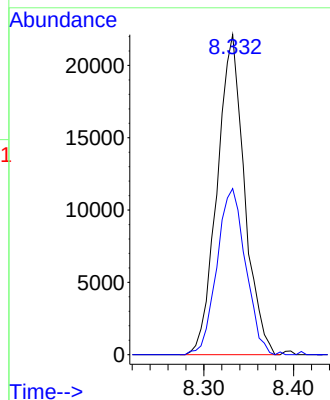
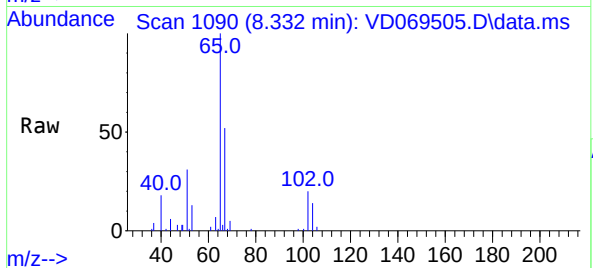




#33
1,2-Dichloroethane-d4
Concen: 87.217 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069505.D
Acq: 21 Jun 2021 17:25

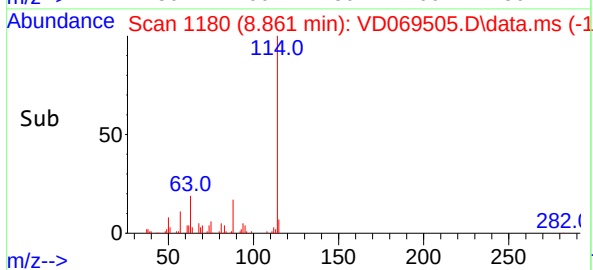
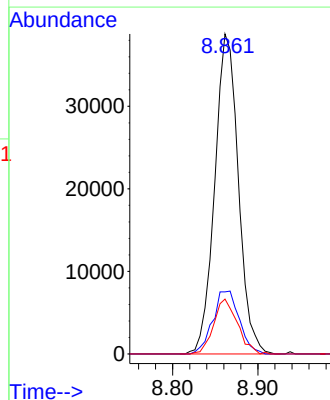
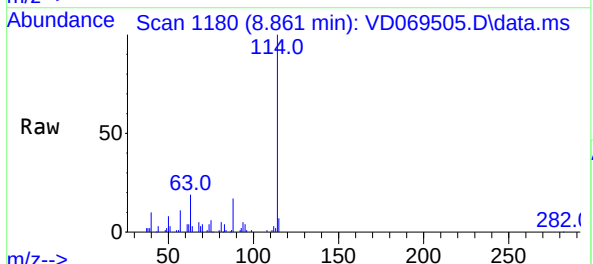
Instrument :
MSVOA_D
ClientSampleId :
CF-VOC

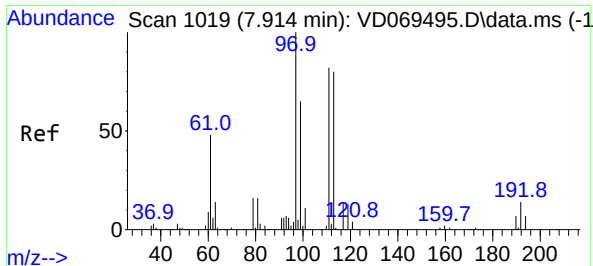
Tgt Ion: 65 Resp: 46781
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069505.D
Acq: 21 Jun 2021 17:25

Tgt Ion: 114 Resp: 74671
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.6
88 17.1 0.0 29.8

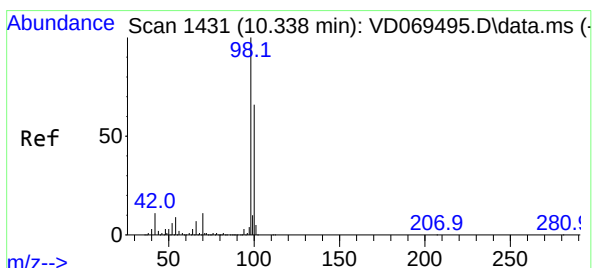
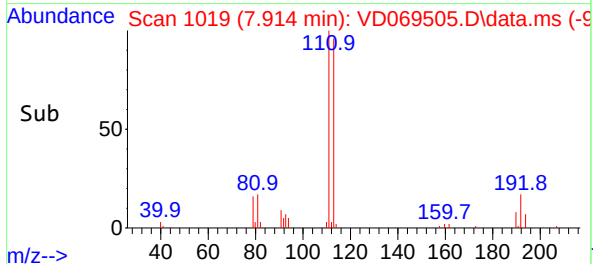
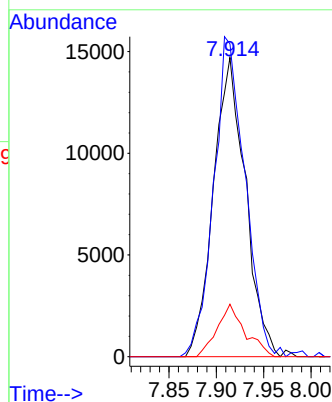
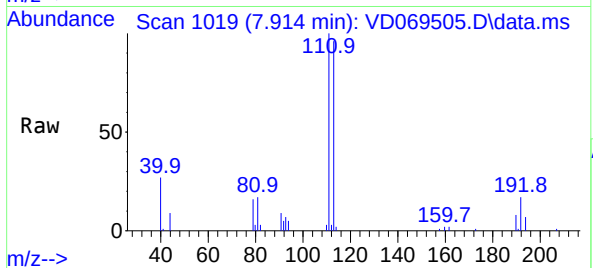




#35
Dibromofluoromethane
Concen: 68.349 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069505.D
Acq: 21 Jun 2021 17:25

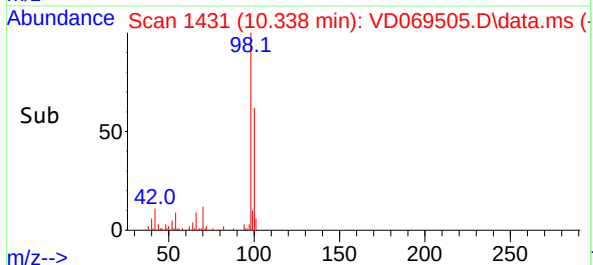
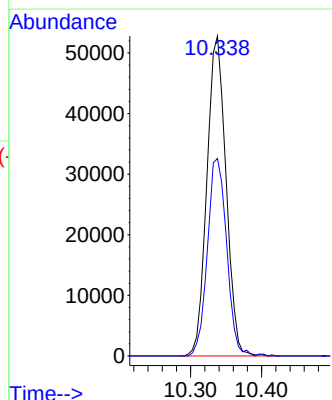
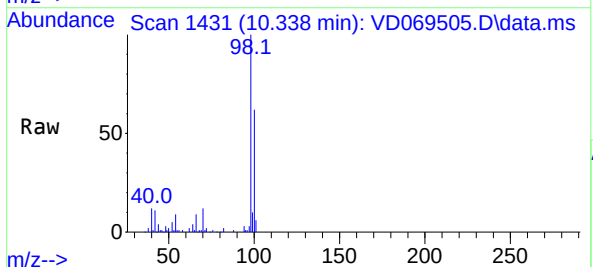
Instrument :
MSVOA_D
ClientSampleId :
CF-VOC

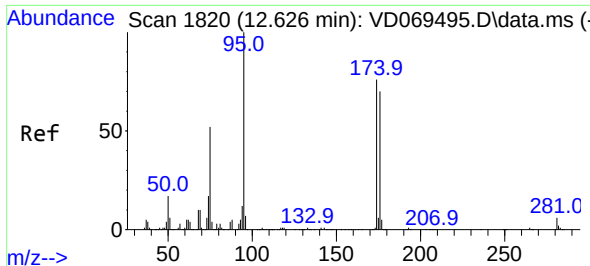
Tgt Ion:113 Resp: 34500
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.8
192 15.3 13.8 20.6



#50
Toluene-d8
Concen: 52.201 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069505.D
Acq: 21 Jun 2021 17:25

Tgt Ion: 98 Resp: 98833
Ion Ratio Lower Upper
98 100
100 62.0 52.3 78.5

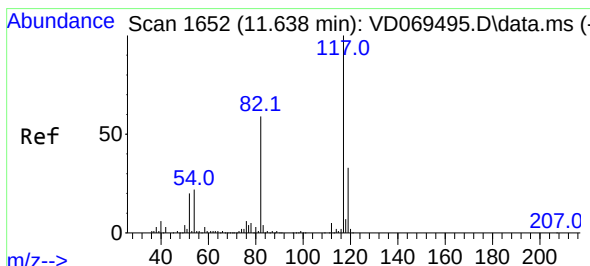
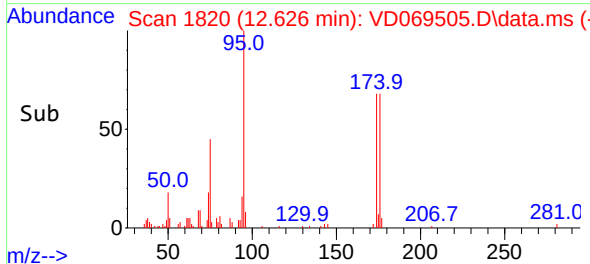
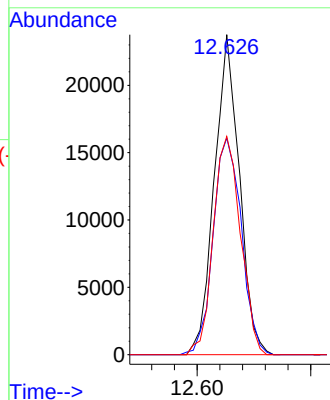
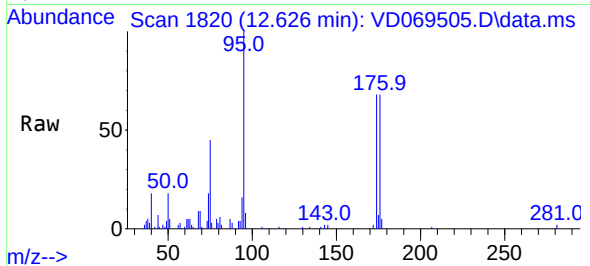




#62
4-Bromofluorobenzene
Concen: 58.381 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069505.D
Acq: 21 Jun 2021 17:25

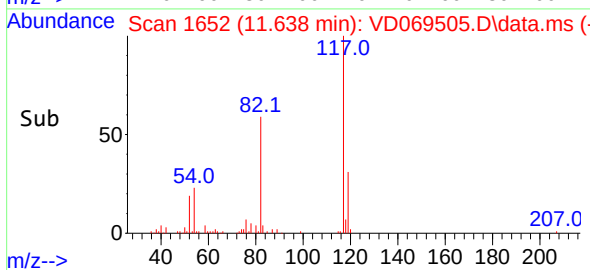
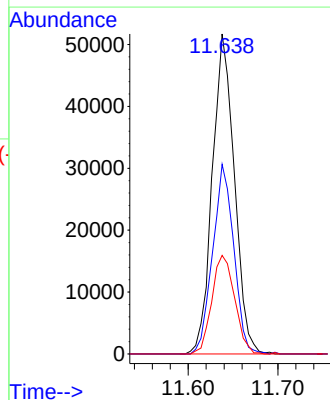
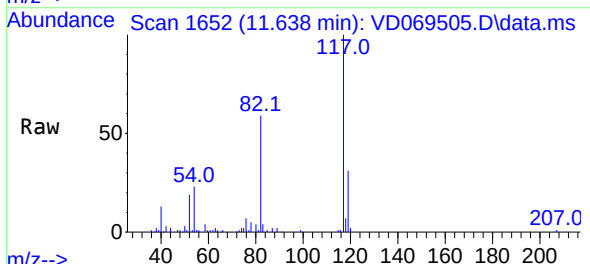
Instrument :
MSVOA_D
ClientSampled :
CF-VOC

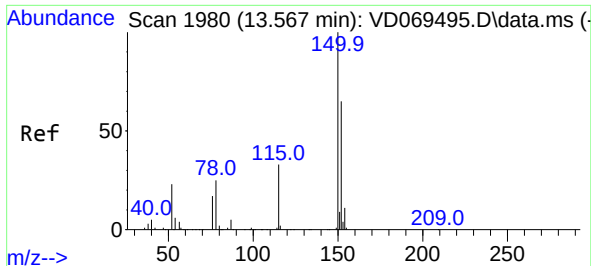
Tgt Ion:	95	Resp:	36339
Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	148.0
176	74.3	0.0	139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069505.D
Acq: 21 Jun 2021 17:25

Tgt Ion:	117	Resp:	88224
Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.8	70.2
119	30.8	26.2	39.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069505.D
Acq: 21 Jun 2021 17:25

Instrument :
MSVOA_D
ClientSampleId :
CF-VOC

Tgt Ion:152 Resp: 38579
Ion Ratio Lower Upper
152 100
115 59.9 31.7 95.1
150 160.1 0.0 350.8

