

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068112.D
 Acq On : 20 Jan 2021 14:52
 Operator : VA/SY
 Sample : M1160-05RE
 Misc : 3.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BASIN-2RE

Quant Time: Jan 20 15:12:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

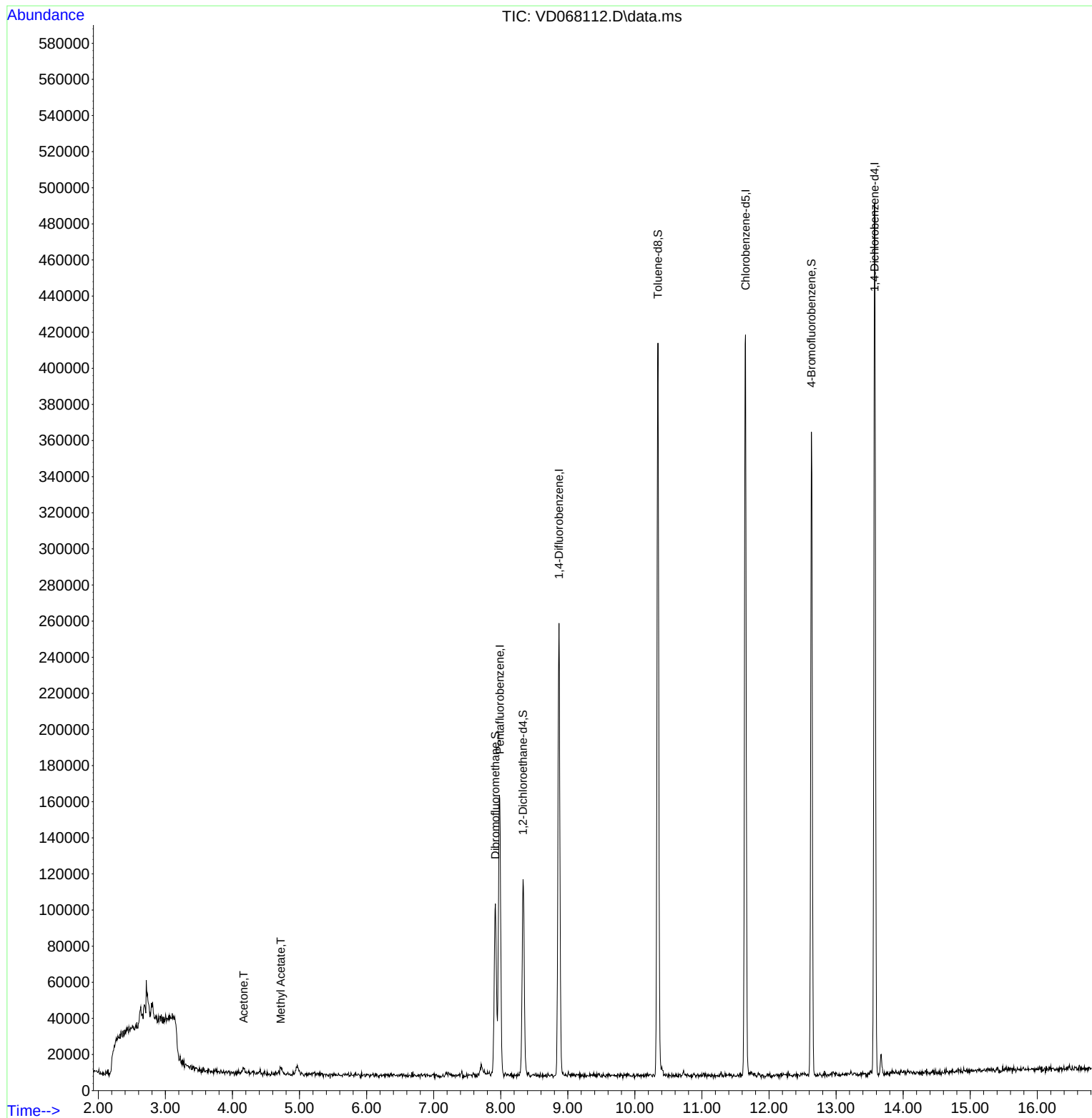
Internal Standards						
1) Pentafluorobenzene	7.985	168	119930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	223141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	243828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	129289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	87087	75.91	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 151.82%			
35) Dibromofluoromethane	7.920	113	67545	54.75	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.50%			
50) Toluene-d8	10.344	98	286138	57.99	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.98%			
62) 4-Bromofluorobenzene	12.632	95	129419	72.83	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 145.66%#			
Target Compounds					Qvalue	
16) Acetone	4.167	43	5787	28.25	ug/l	97
18) Methyl Acetate	4.720	43	7924	14.90	ug/l #	64

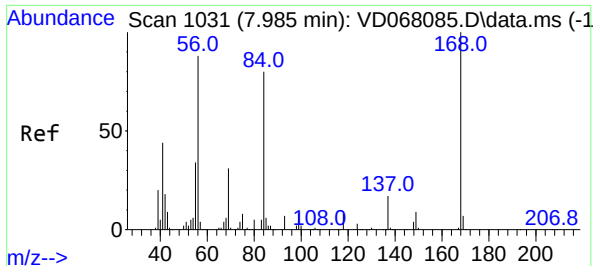
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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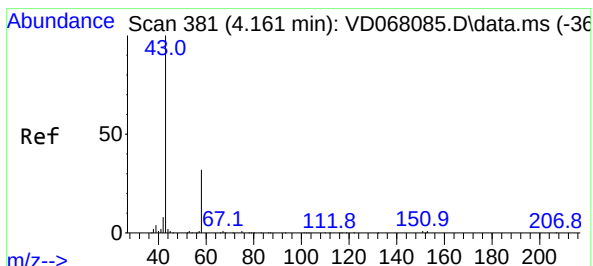
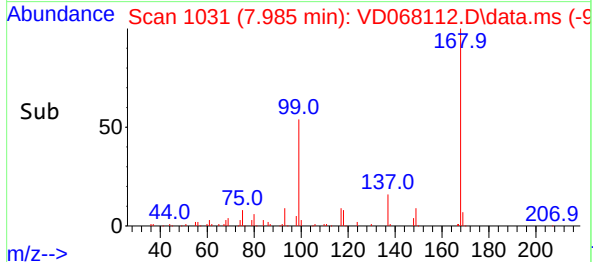
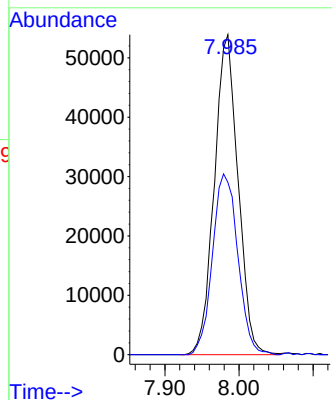
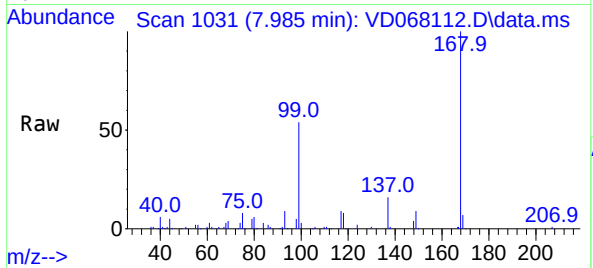




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

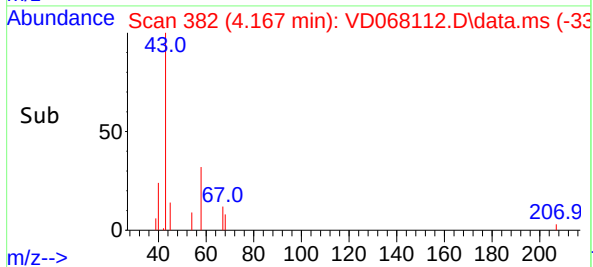
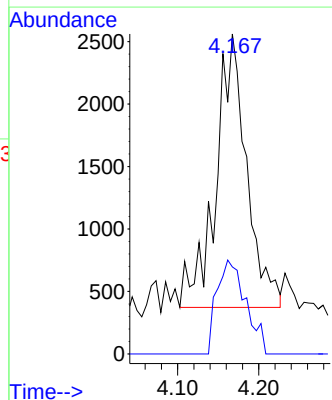
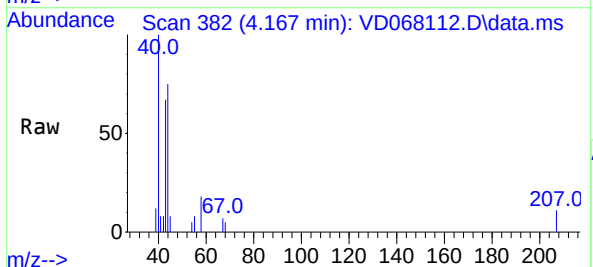
Instrument :
MSVOA_D
ClientSampleId :
BASIN-2RE

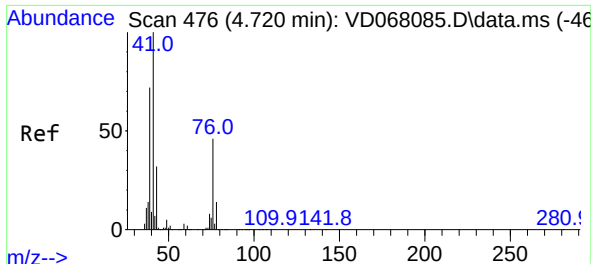
Tgt Ion:168 Resp: 119930
Ion Ratio Lower Upper
168 100
99 53.9 43.5 65.3



#16
Acetone
Concen: 28.25 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Tgt Ion: 43 Resp: 5787
Ion Ratio Lower Upper
43 100
58 31.9 24.2 36.4

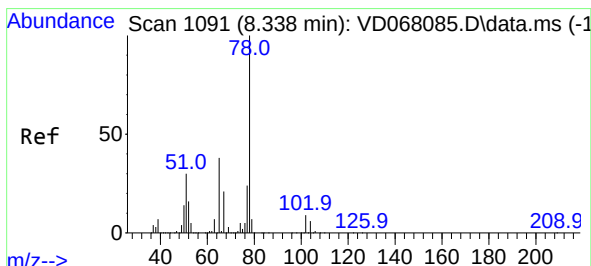
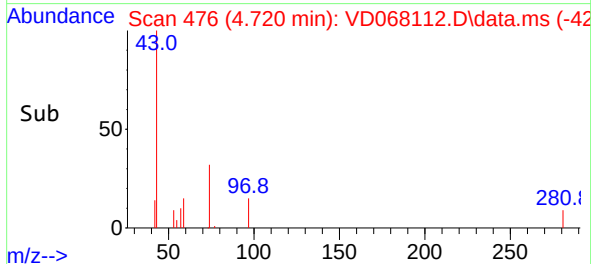
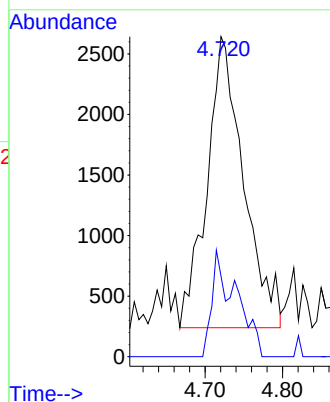
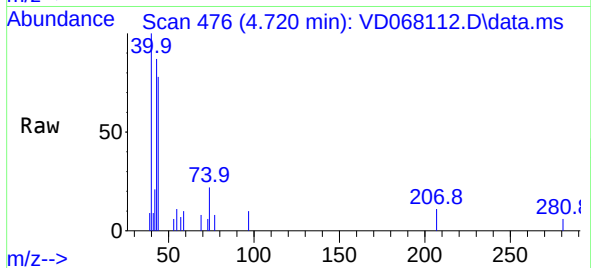




#18
Methyl Acetate
Concen: 14.90 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

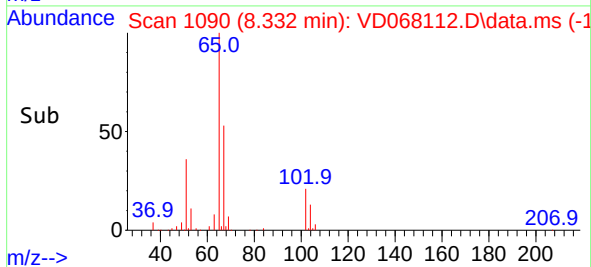
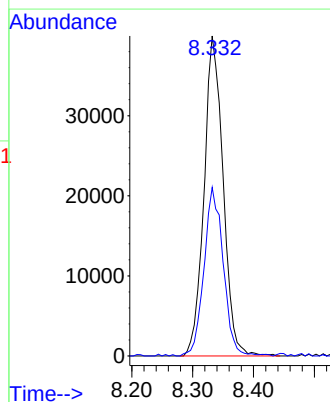
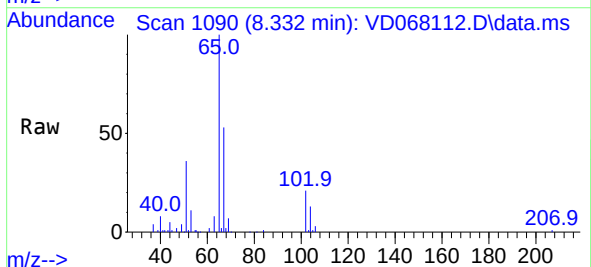
Instrument :
MSVOA_D
ClientSampleId :
BASIN-2RE

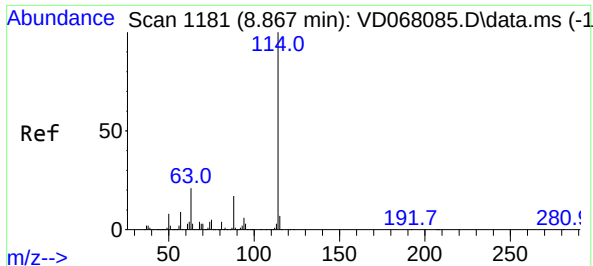
Tgt Ion: 43 Resp: 7924
Ion Ratio Lower Upper
43 100
74 11.8 25.4 38.0#



#33
1,2-Dichloroethane-d4
Concen: 75.91 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Tgt Ion: 65 Resp: 87087
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0





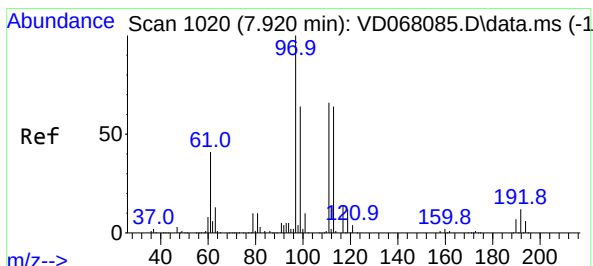
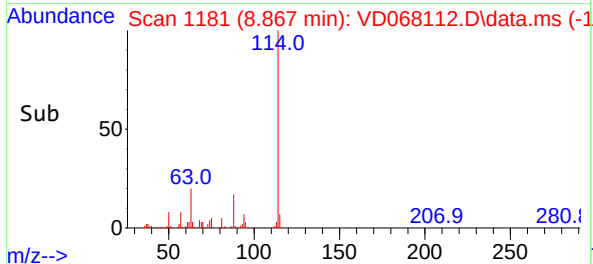
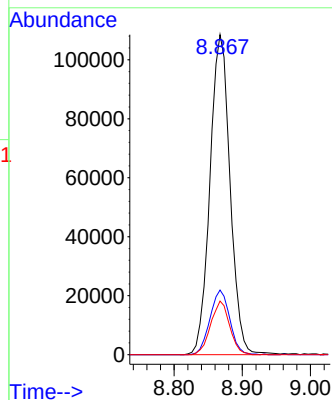
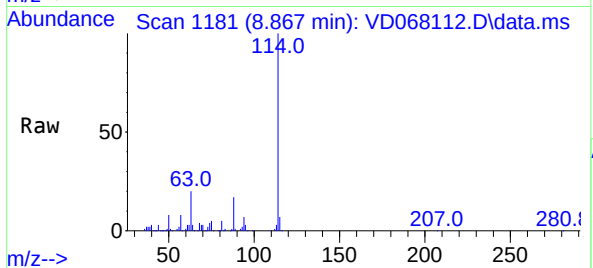
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Instrument :
MSVOA_D
ClientSampleId :
BASIN-2RE

Tgt Ion:114 Resp: 223141

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	34.8
88	16.8	0.0	31.6

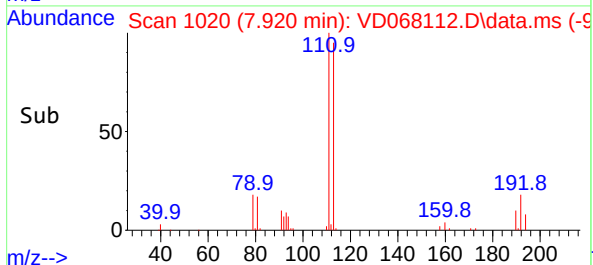
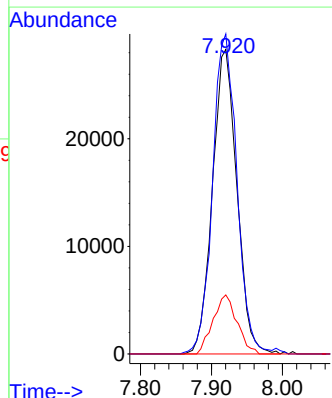
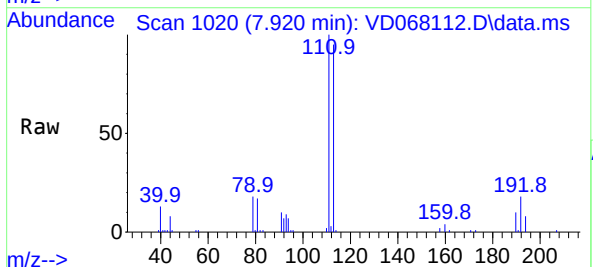


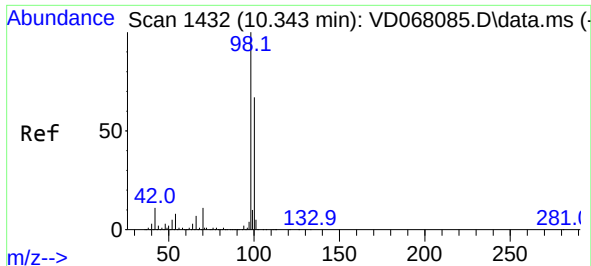
#35

Dibromofluoromethane
Concen: 54.75 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Tgt Ion:113 Resp: 67545

Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.4	122.0
192	19.0	16.1	24.1

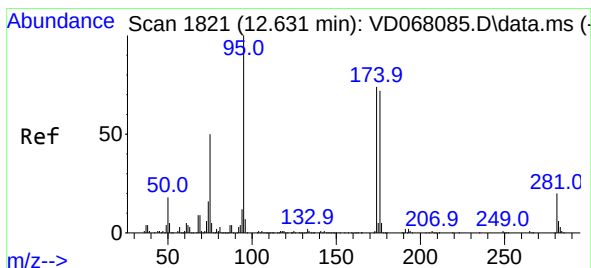
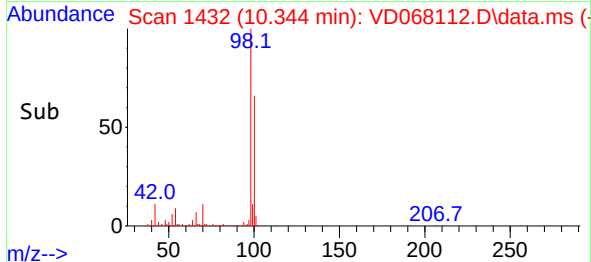
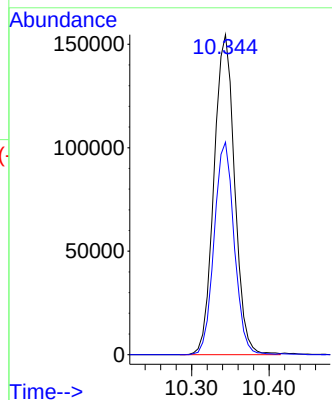
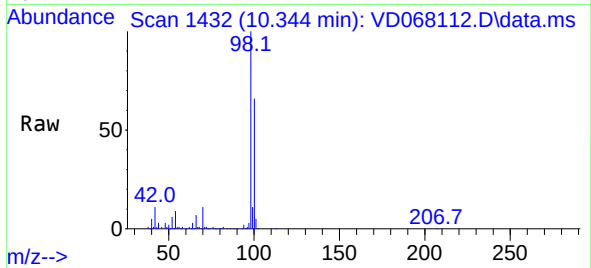




#50
Toluene-d8
Concen: 57.99 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

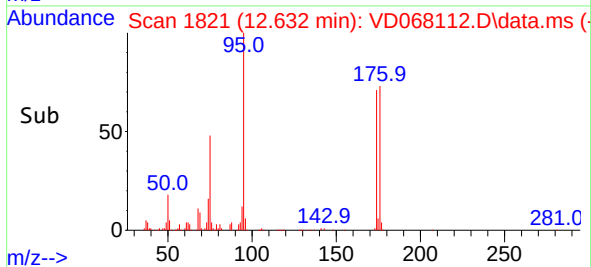
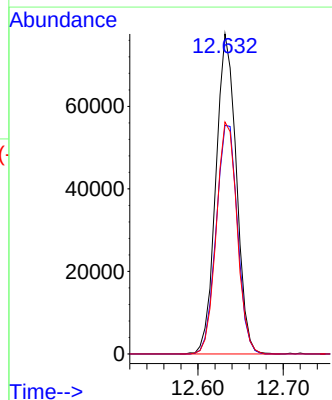
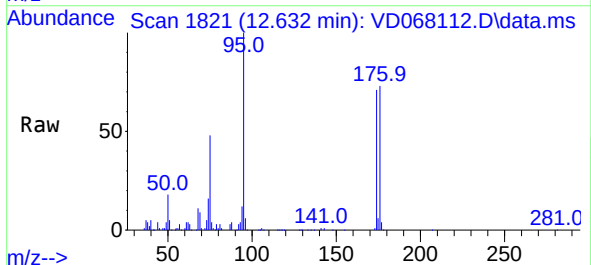
Instrument :
MSVOA_D
ClientSampleId :
BASIN-2RE

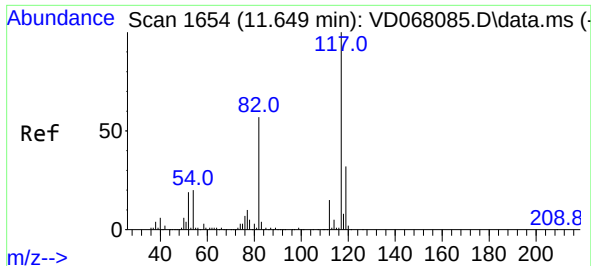
Tgt Ion: 98 Resp: 286138
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 72.83 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Tgt Ion: 95 Resp: 129419
Ion Ratio Lower Upper
95 100
174 74.5 0.0 172.4
176 73.4 0.0 168.4



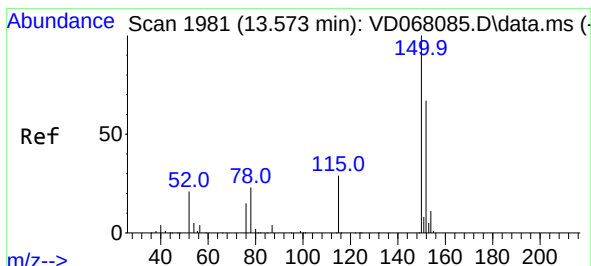
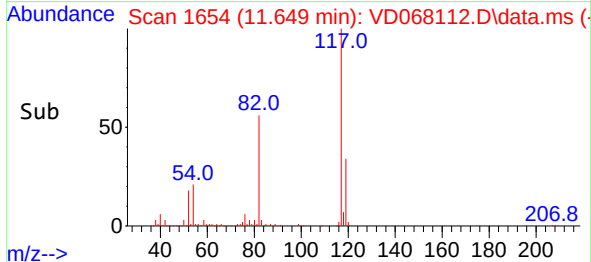
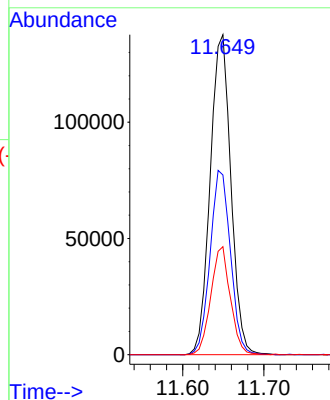
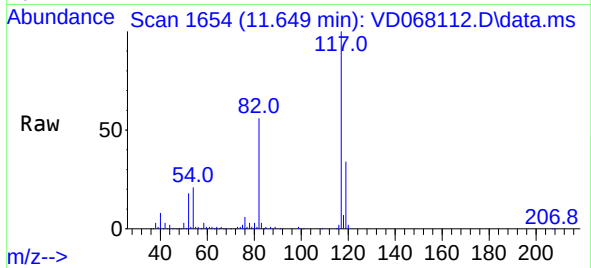


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Instrument :
MSVOA_D
ClientSampleId :
BASIN-2RE

Tgt Ion:117 Resp: 243828

Ion	Ratio	Lower	Upper
117	100		
82	56.2	41.4	62.0
119	33.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068112.D
Acq: 20 Jan 2021 14:52

Tgt Ion:152 Resp: 129289

Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.9	86.8
150	159.5	0.0	344.4

