

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068078.D
 Acq On : 13 Jan 2021 18:50
 Operator : VA/SY
 Sample : M1120-01
 Misc : 5.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-04-11321

Quant Time: Jan 14 10:36:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

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

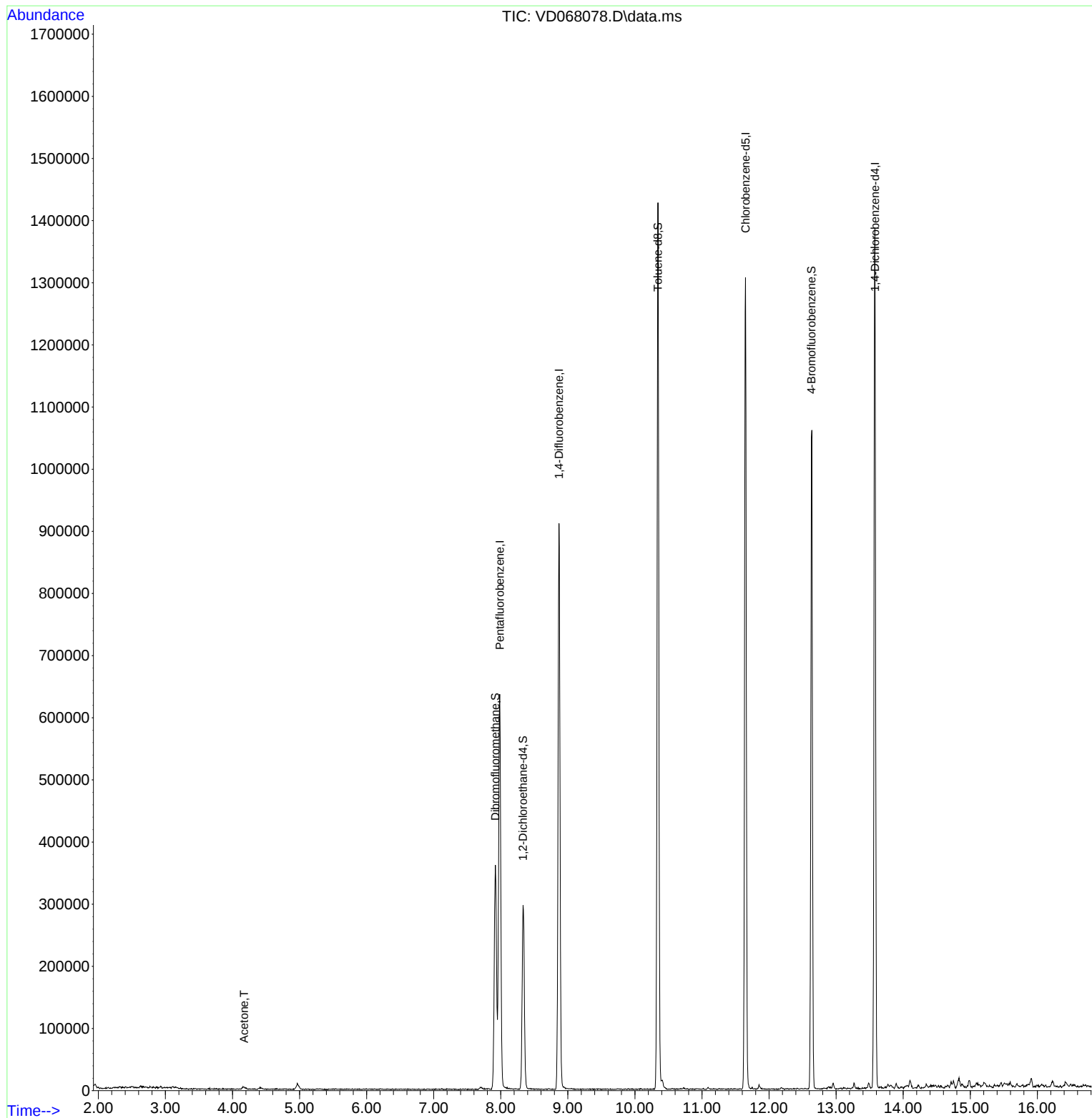
Internal Standards						
1) Pentafluorobenzene	7.985	168	495955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	843345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	826573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	401978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	248074	58.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.66%
35) Dibromofluoromethane	7.920	113	259467	53.98	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.96%
50) Toluene-d8	10.344	98	1004482	56.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.40%
62) 4-Bromofluorobenzene	12.632	95	354757	57.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.32%
Target Compounds						
16) Acetone	4.173	43	7341	10.98	ug/l	Qvalue # 88

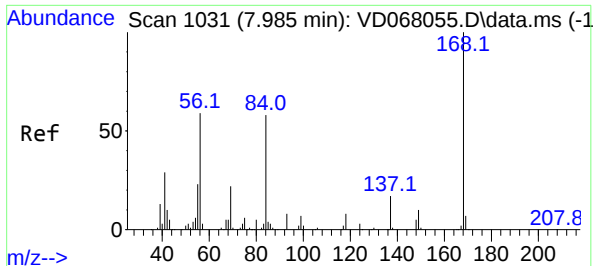
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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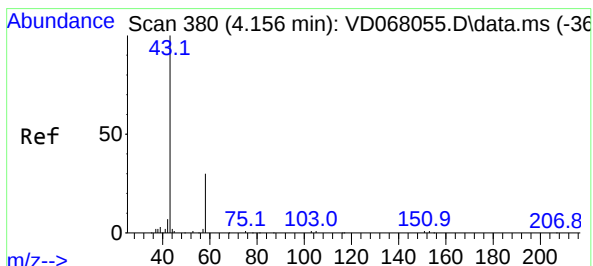
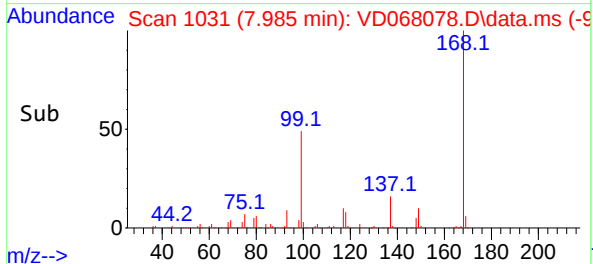
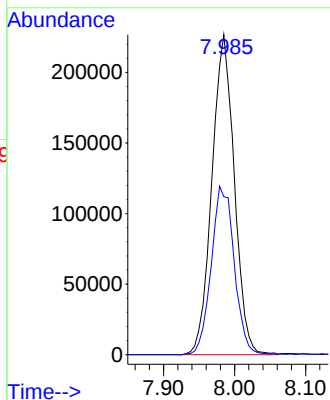
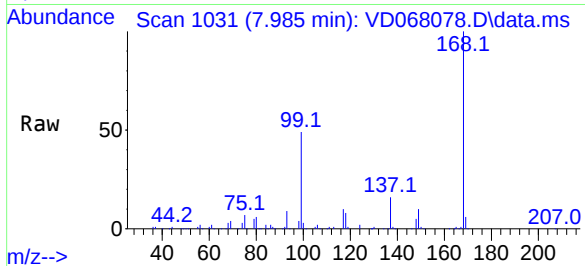




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068078.D
Acq: 13 Jan 2021 18:50

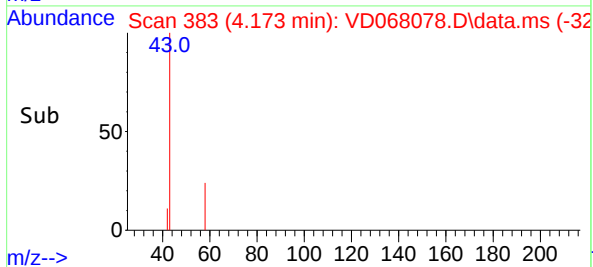
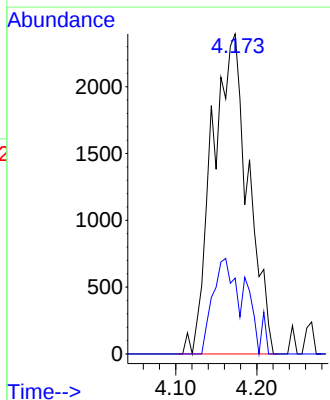
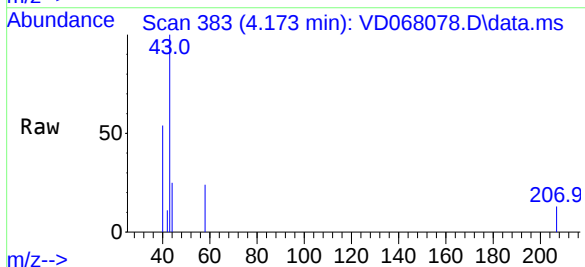
Instrument :
MSVOA_D
ClientSampleId :
AU-04-11321

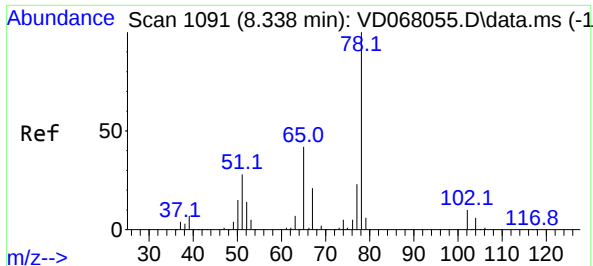
Tgt Ion:168 Resp: 495955
Ion Ratio Lower Upper
168 100
99 49.3 43.5 65.3



#16
Acetone
Concen: 10.98 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD068078.D
Acq: 13 Jan 2021 18:50

Tgt Ion: 43 Resp: 7341
Ion Ratio Lower Upper
43 100
58 23.7 24.2 36.4#

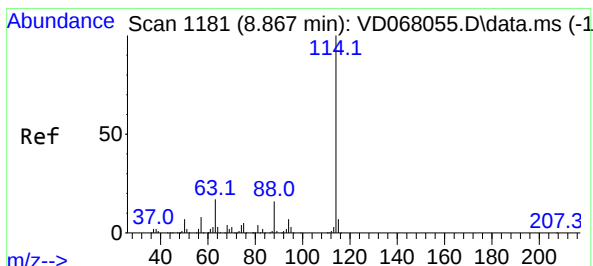
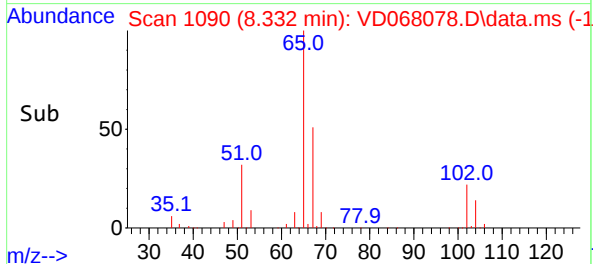
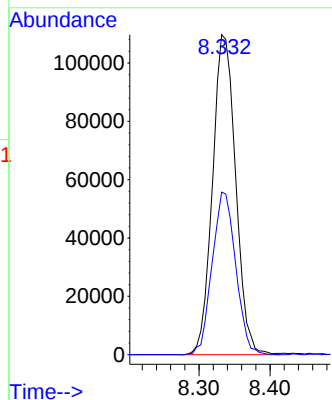
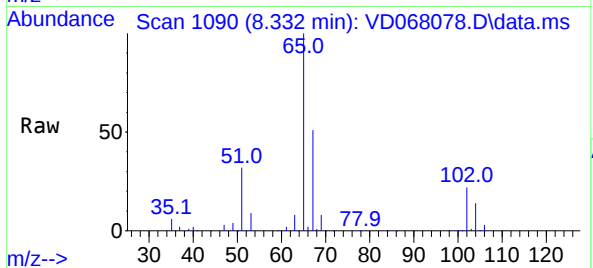




#33
1,2-Dichloroethane-d4
Concen: 58.83 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068078.D
Acq: 13 Jan 2021 18:50

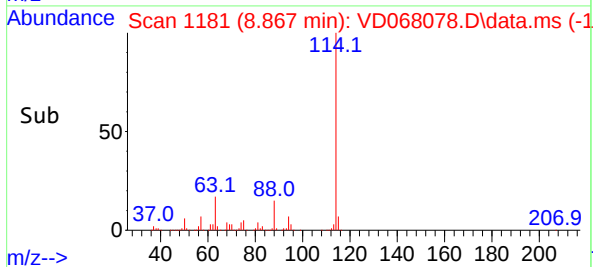
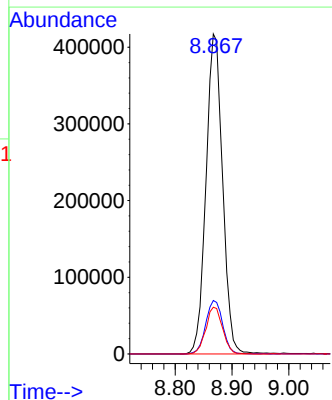
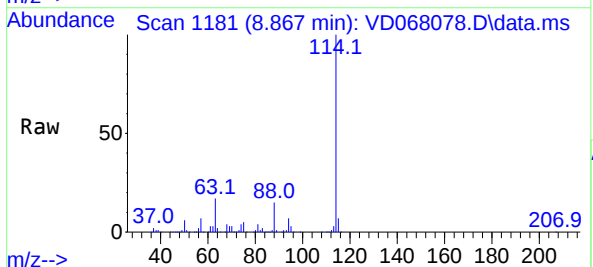
Instrument :
MSVOA_D
ClientSampleId :
AU-04-11321

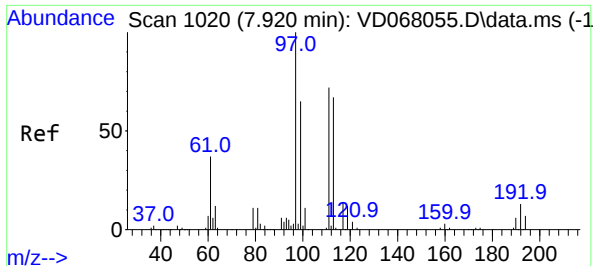
Tgt Ion: 65 Resp: 248074
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068078.D
Acq: 13 Jan 2021 18:50

Tgt Ion: 114 Resp: 843345
Ion Ratio Lower Upper
114 100
63 16.7 0.0 34.8
88 14.6 0.0 31.6

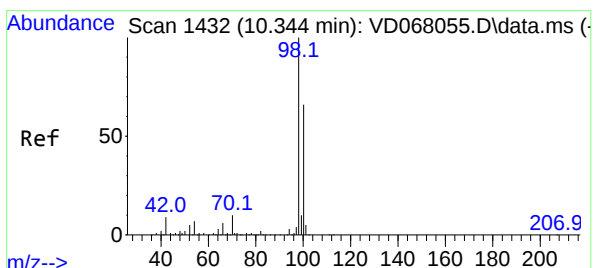
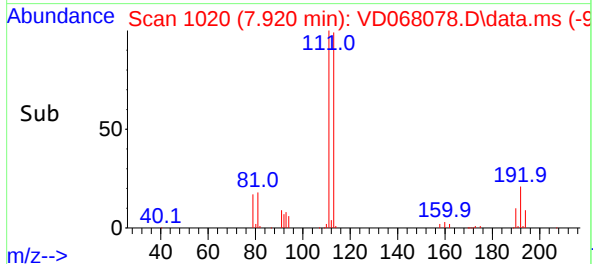
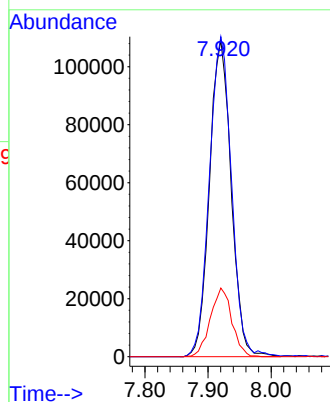
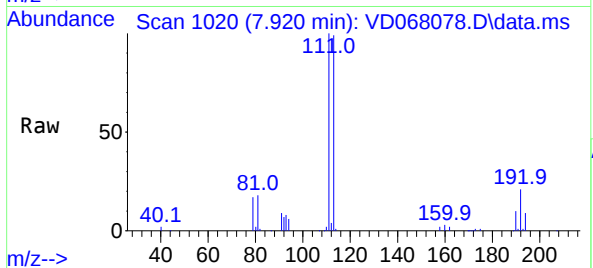




#35
Dibromofluoromethane
Concen: 53.98 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068078.D
Acq: 13 Jan 2021 18:50

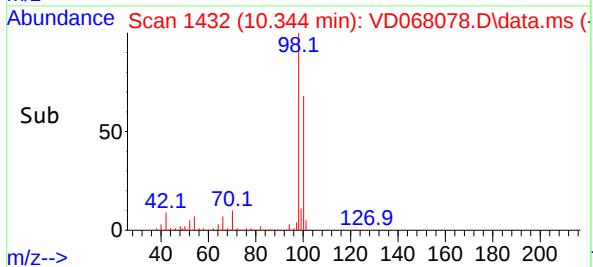
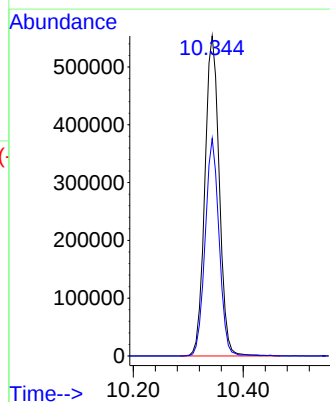
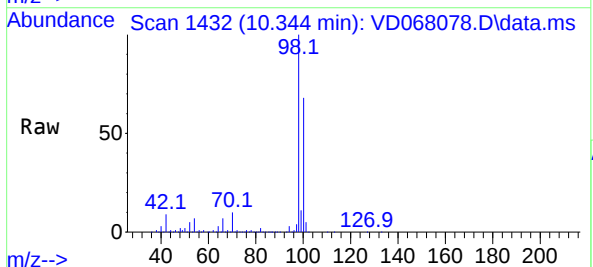
Instrument :
MSVOA_D
ClientSampleId :
AU-04-11321

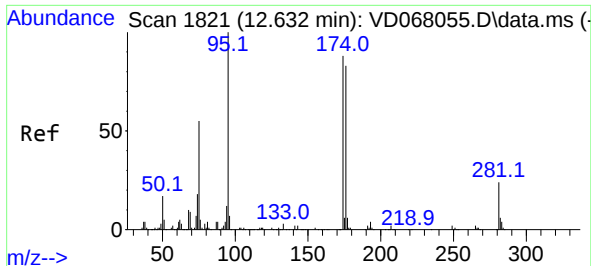
Tgt Ion:113 Resp: 259467
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 21.6 16.1 24.1



#50
Toluene-d8
Concen: 56.70 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068078.D
Acq: 13 Jan 2021 18:50

Tgt Ion: 98 Resp: 1004482
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



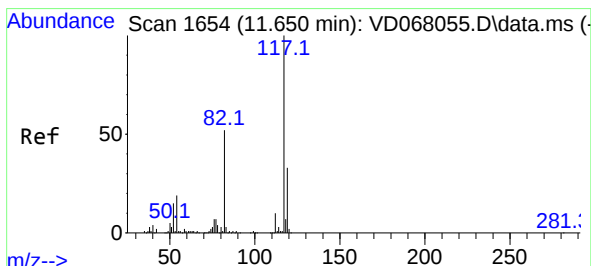
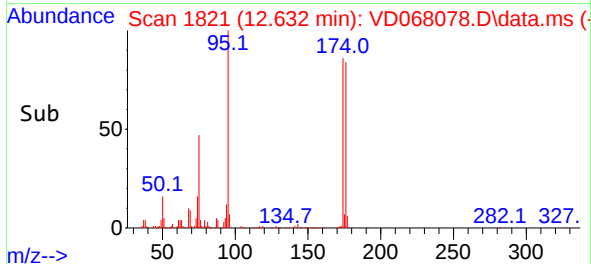
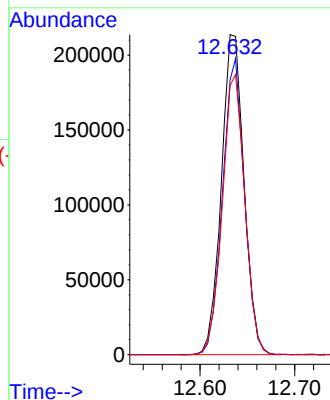
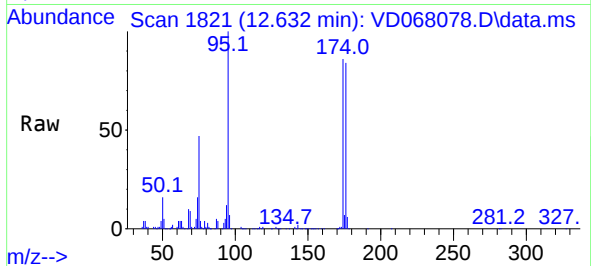


#62
4-Bromofluorobenzene
Concen: 57.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068078.D
Acq: 13 Jan 2021 18:50

Instrument :
MSVOA_D
ClientSampleId :
AU-04-11321

Tgt Ion: 95 Resp: 354757

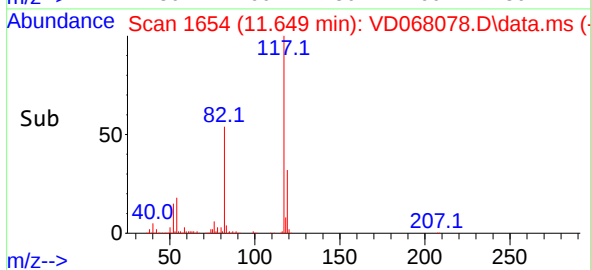
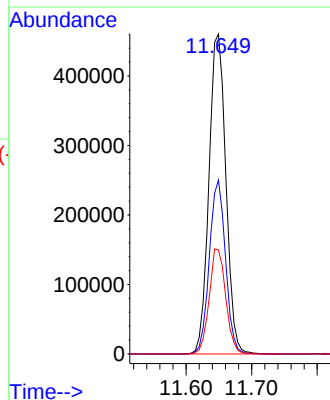
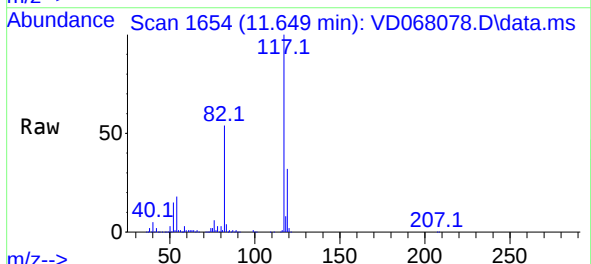
Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	172.4
176	87.1	0.0	168.4

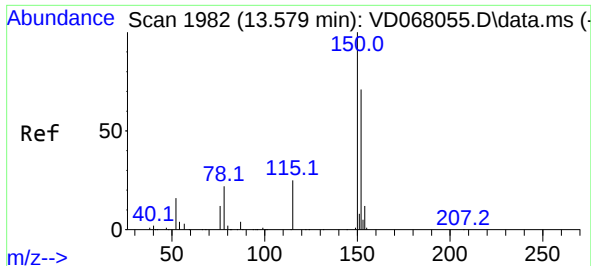


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068078.D
Acq: 13 Jan 2021 18:50

Tgt Ion: 117 Resp: 826573

Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.4	62.0
119	32.5	26.1	39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VD068078.D
 Acq: 13 Jan 2021 18:50

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:152 Resp: 401978
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.9 86.8
 150 155.3 0.0 344.4

