

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068116.D
 Acq On : 20 Jan 2021 16:40
 Operator : VA/SY
 Sample : M1082-03
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL-ASHCROFT-02

Quant Time: Jan 20 23:46:35 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)

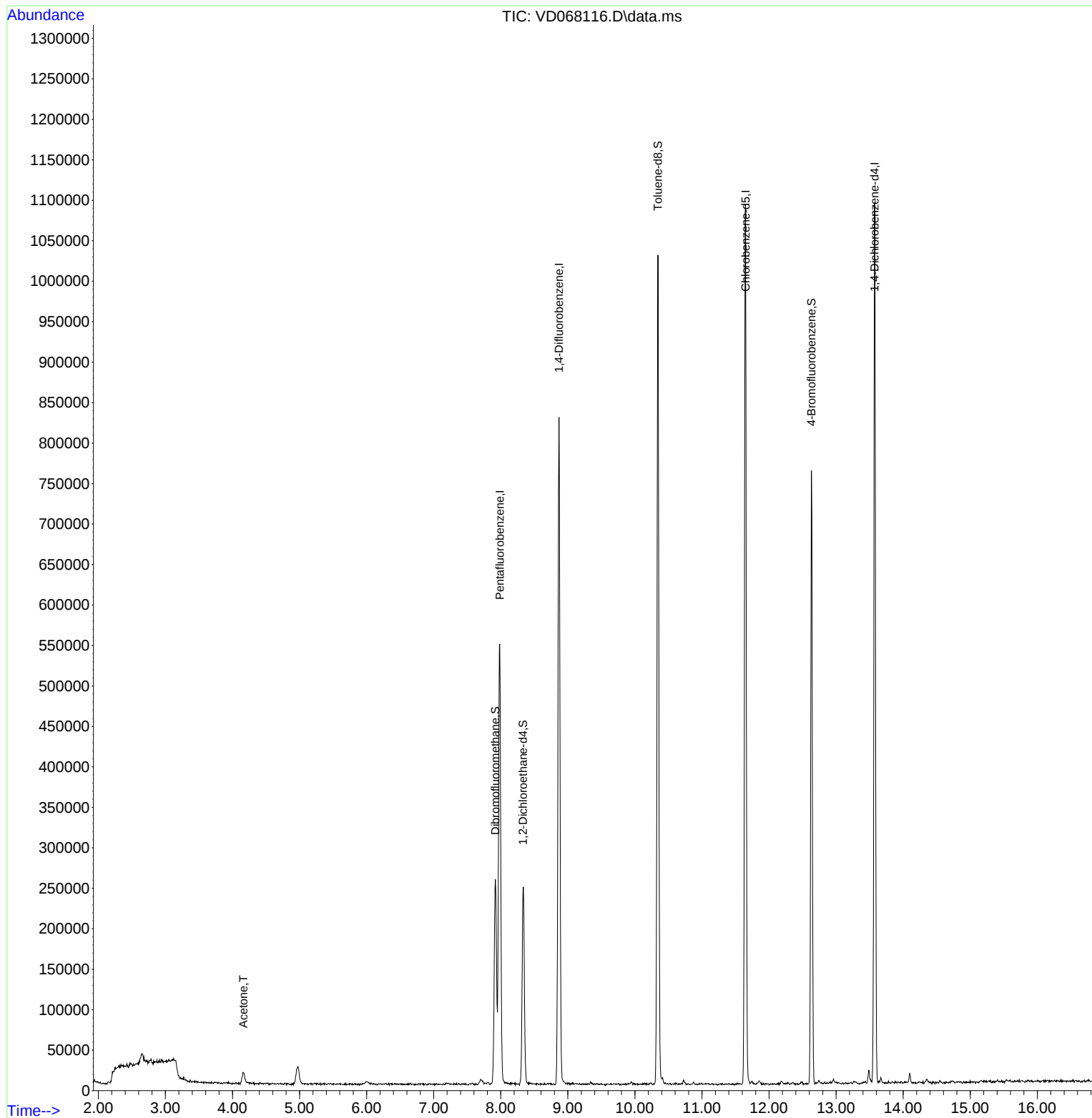
Internal Standards						
1) Pentafluorobenzene	7.985	168	423610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	742560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	655235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	290222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	201724	49.78	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.56%
35) Dibromofluoromethane	7.920	113	191130	46.56	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.12%
50) Toluene-d8	10.344	98	721924	43.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.92%
62) 4-Bromofluorobenzene	12.632	95	263192	44.51	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.02%
Target Compounds						
16) Acetone	4.161	43	23833	32.94	ug/l	Qvalue 89

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

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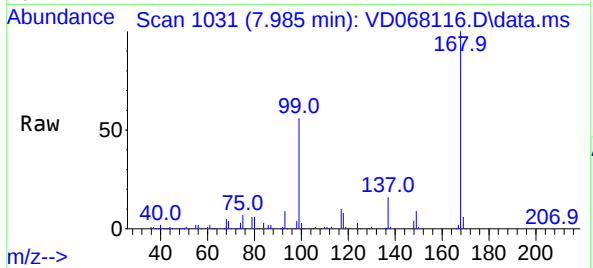
Quant Time: Jan 20 23:46:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
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QLast Update : Tue Jan 19 13:19:08 2021
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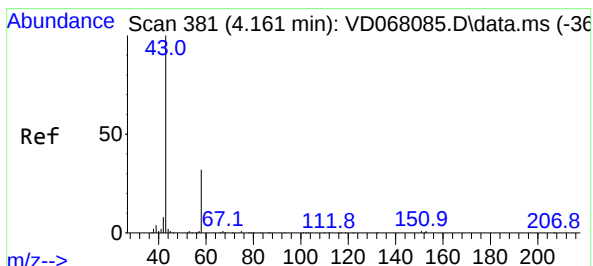
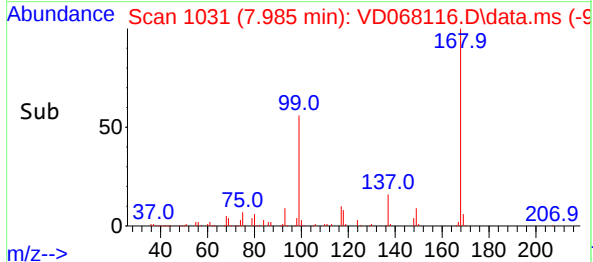
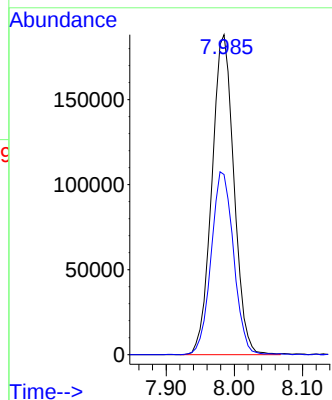


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

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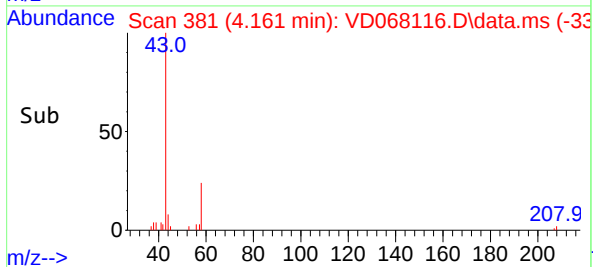
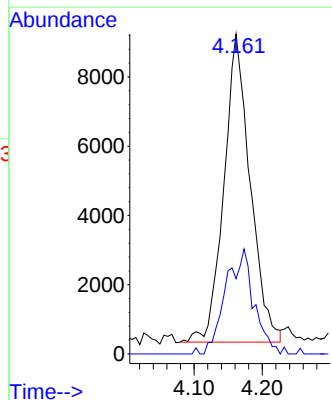
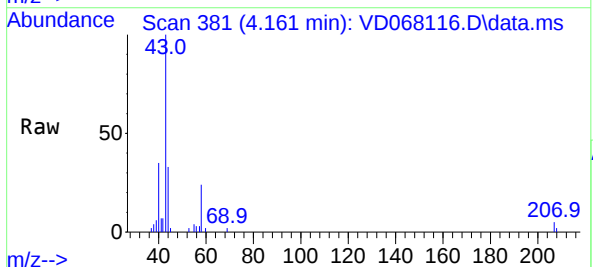


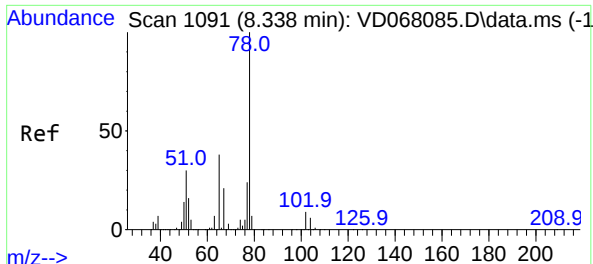
Tgt Ion:168 Resp: 423610
Ion Ratio Lower Upper
168 100
99 56.3 43.5 65.3



#16
Acetone
Concen: 32.94 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

Tgt Ion: 43 Resp: 23833
Ion Ratio Lower Upper
43 100
58 24.4 24.2 36.4

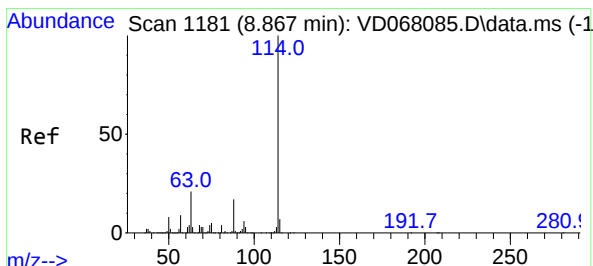
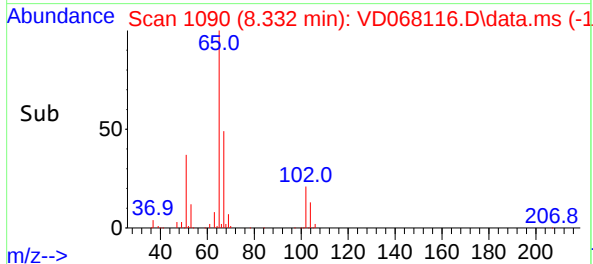
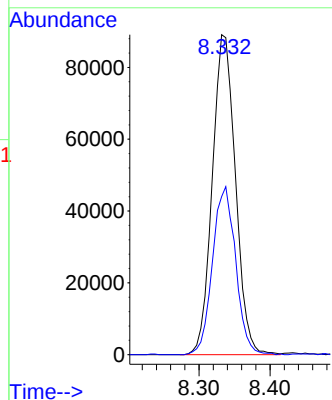
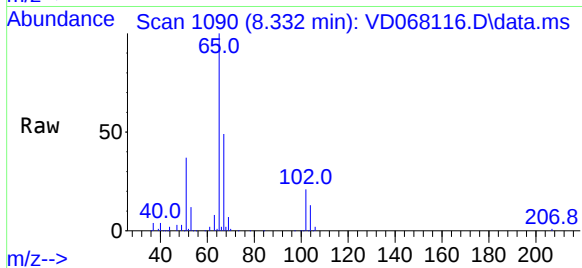




#33
1,2-Dichloroethane-d4
Concen: 49.78 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

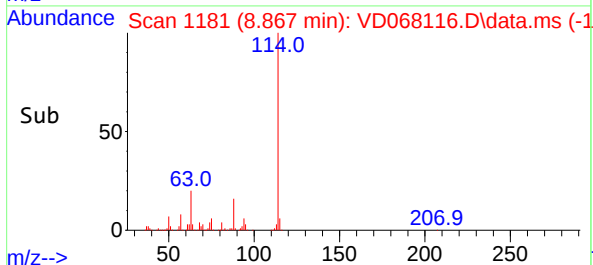
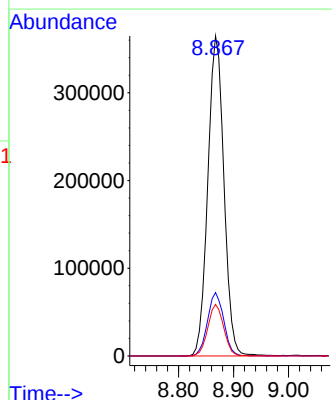
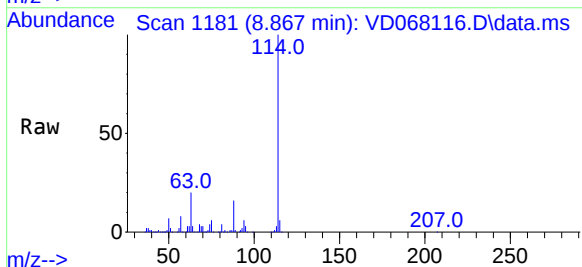
Instrument :
MSVOA_D
ClientSampleId :
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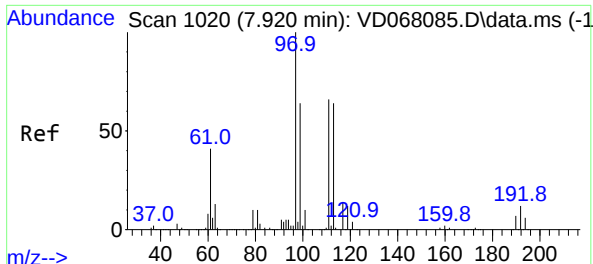
Tgt Ion: 65 Resp: 201724
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

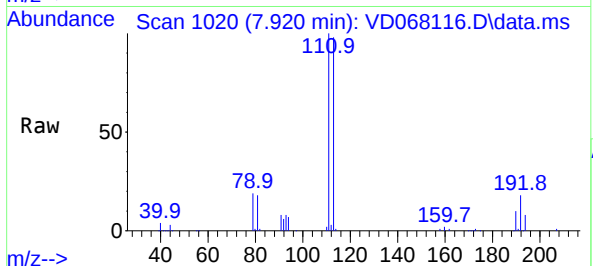
Tgt Ion:114 Resp: 742560
Ion Ratio Lower Upper
114 100
63 19.8 0.0 34.8
88 16.1 0.0 31.6



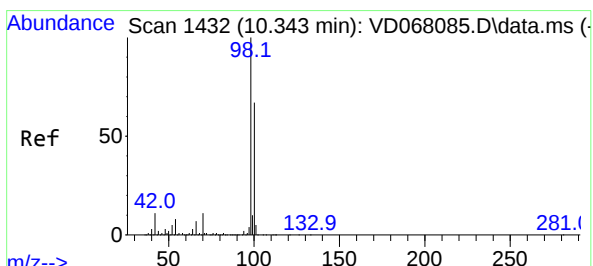
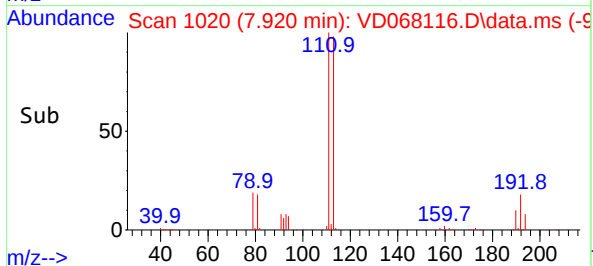
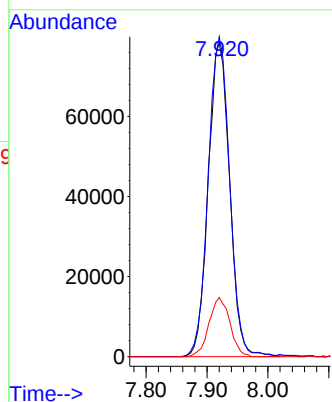


#35
Dibromofluoromethane
Concen: 46.56 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

Instrument :
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ClientSampleId :
BACKFILL-ASHCROFT-02

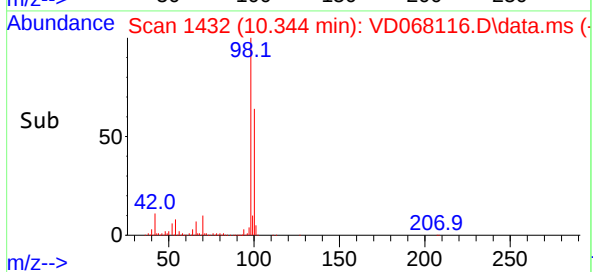
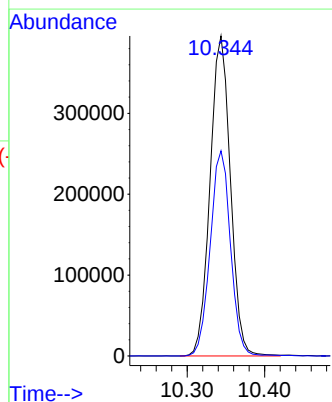
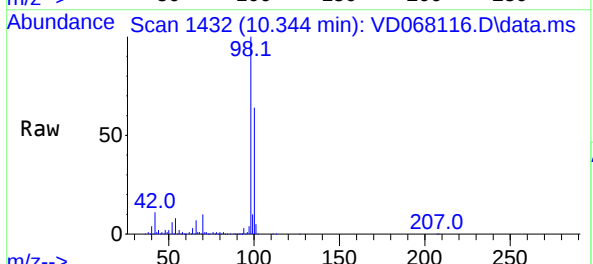


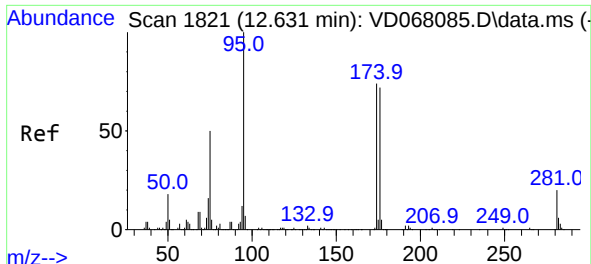
Tgt Ion:113 Resp: 191130
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 18.4 16.1 24.1



#50
Toluene-d8
Concen: 43.96 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

Tgt Ion: 98 Resp: 721924
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.4

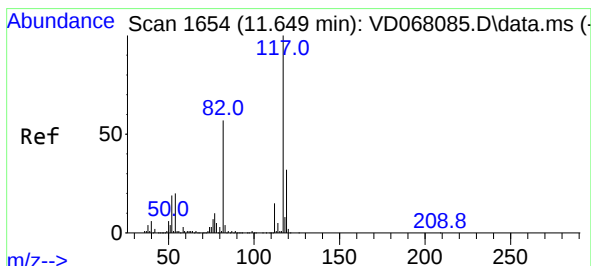
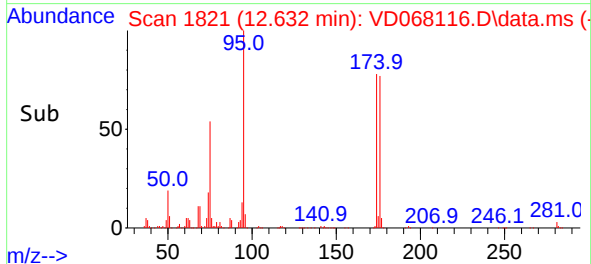
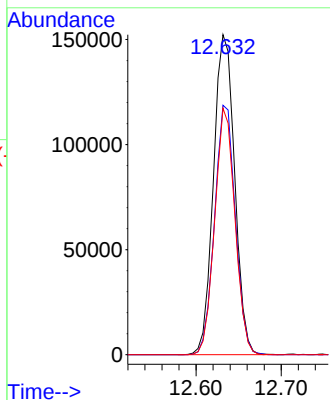
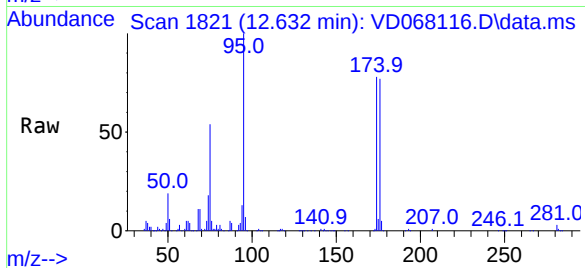




#62
4-Bromofluorobenzene
Concen: 44.51 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

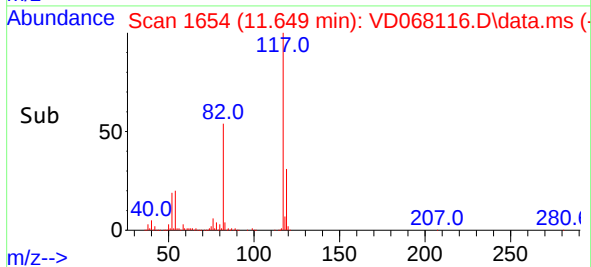
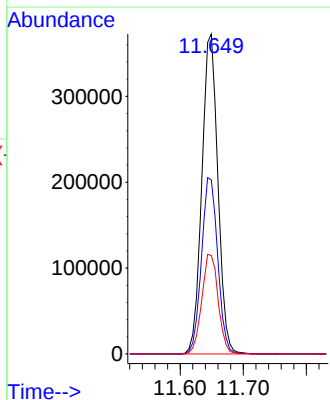
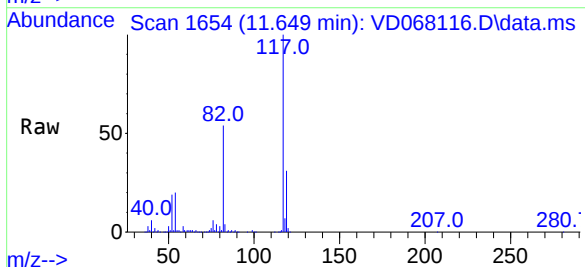
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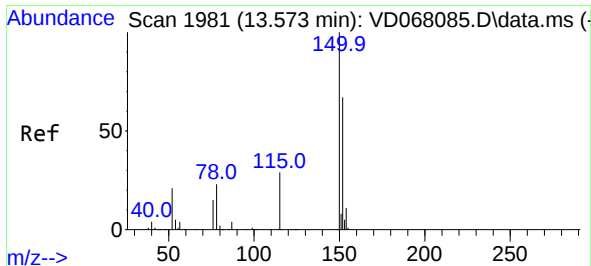
Tgt Ion: 95 Resp: 263192
Ion Ratio Lower Upper
95 100
174 76.4 0.0 172.4
176 73.6 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068116.D
Acq: 20 Jan 2021 16:40

Tgt Ion: 117 Resp: 655235
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.0
119 30.8 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: VD068116.D
 Acq: 20 Jan 2021 16:40

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL-ASHCROFT-02

Tgt Ion:152 Resp: 290222

Ion	Ratio	Lower	Upper
152	100		
115	61.2	28.9	86.8
150	157.8	0.0	344.4

