

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068071.D
 Acq On : 13 Jan 2021 15:12
 Operator : VA/SY
 Sample : M1090-01
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BORE-2-1FT-7FT

Quant Time: Jan 13 15:32:39 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)

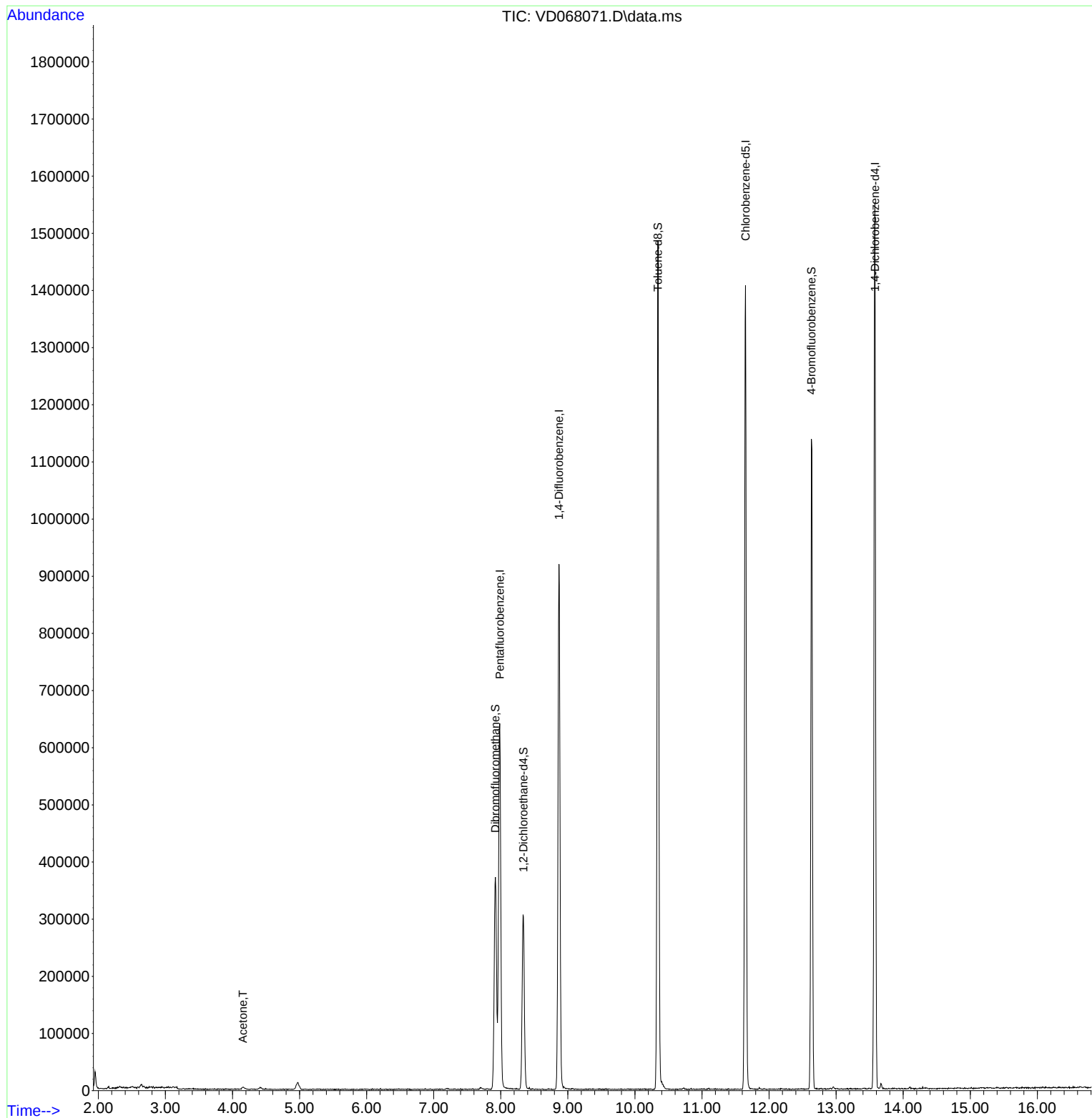
Internal Standards						
1) Pentafluorobenzene	7.985	168	512185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	862012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	881101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	443131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	261619	60.07	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.14%		
35) Dibromofluoromethane	7.920	113	276767	56.33	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.66%		
50) Toluene-d8	10.343	98	1031682	56.97	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 113.94%		
62) 4-Bromofluorobenzene	12.632	95	382320	60.26	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 120.52%		
Target Compounds						Qvalue
16) Acetone	4.156	43	6728	9.75	ug/l	98

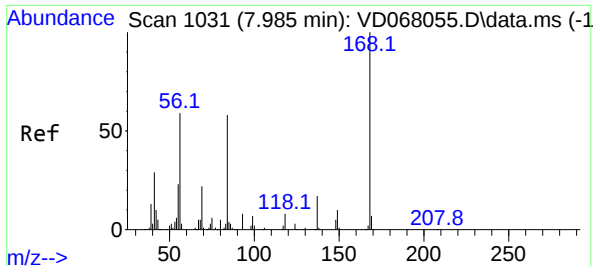
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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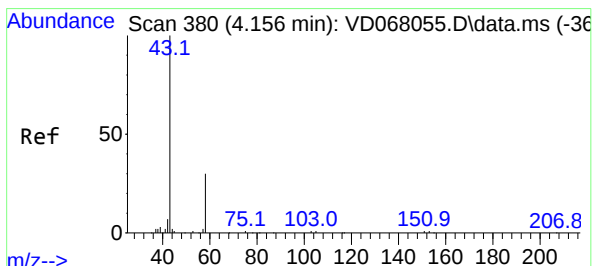
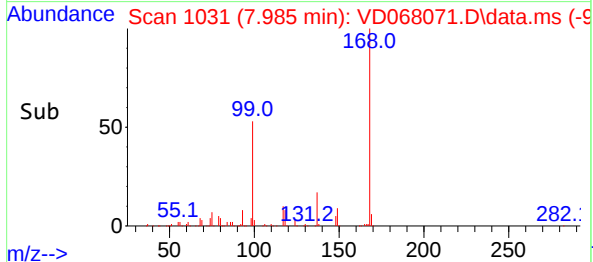
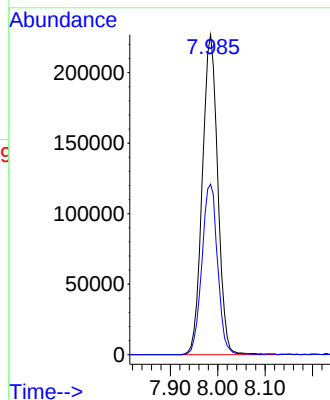
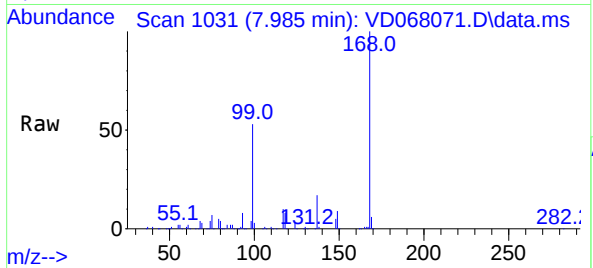




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

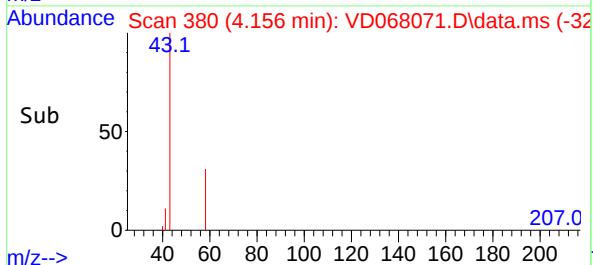
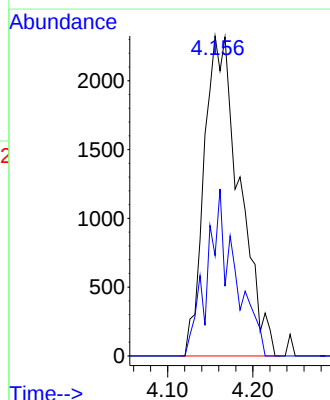
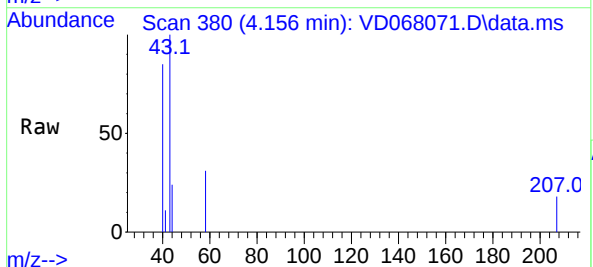
Instrument :
MSVOA_D
ClientSampleId :
BORE-2-1FT-7FT

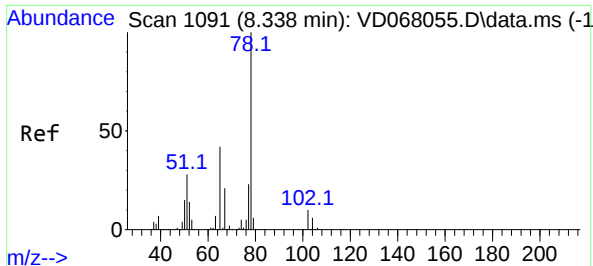
Tgt Ion:168 Resp: 512185
Ion Ratio Lower Upper
168 100
99 53.3 43.5 65.3



#16
Acetone
Concen: 9.75 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

Tgt Ion: 43 Resp: 6728
Ion Ratio Lower Upper
43 100
58 31.3 24.2 36.4

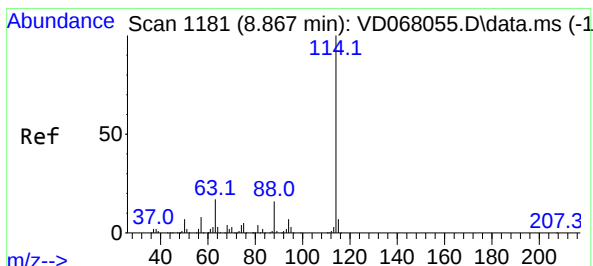
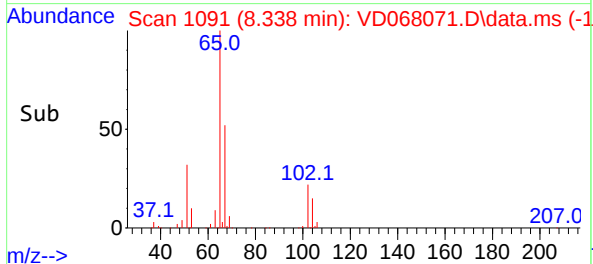
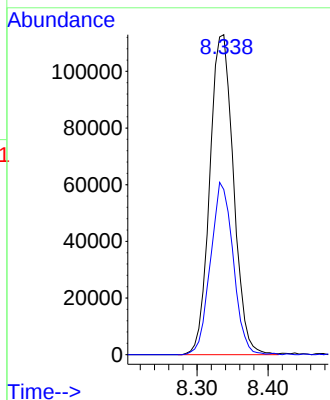
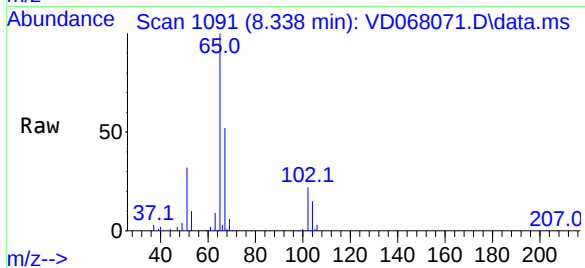




#33
1,2-Dichloroethane-d4
Concen: 60.07 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

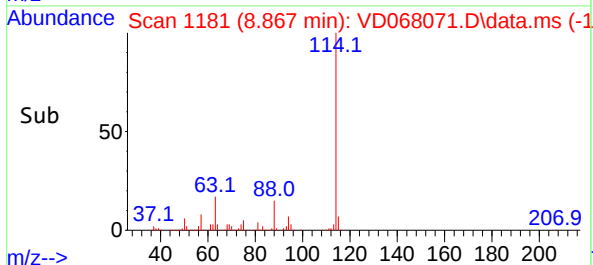
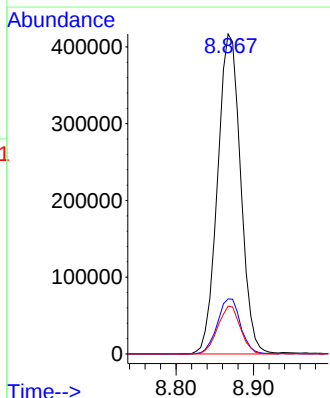
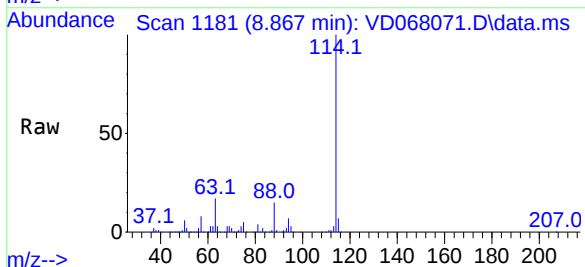
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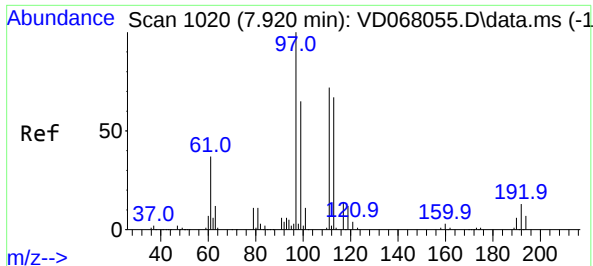
Tgt Ion: 65 Resp: 261619
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

Tgt Ion: 114 Resp: 862012
Ion Ratio Lower Upper
114 100
63 17.2 0.0 34.8
88 15.0 0.0 31.6

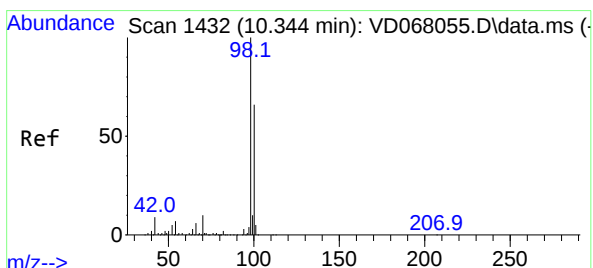
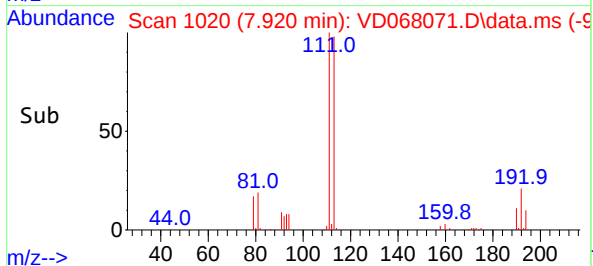
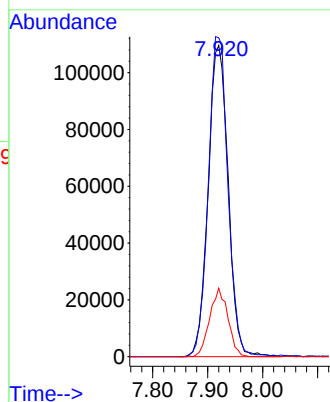
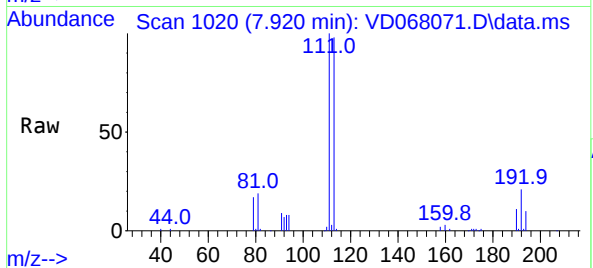




#35
Dibromofluoromethane
Concen: 56.33 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

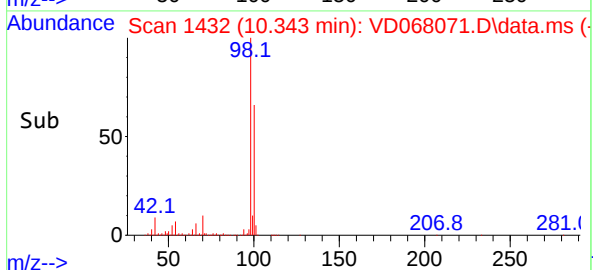
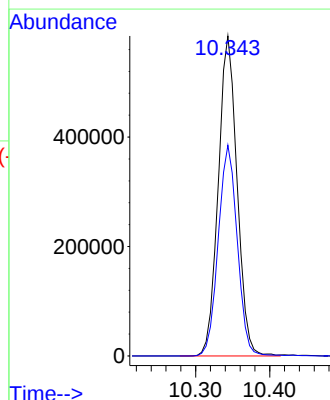
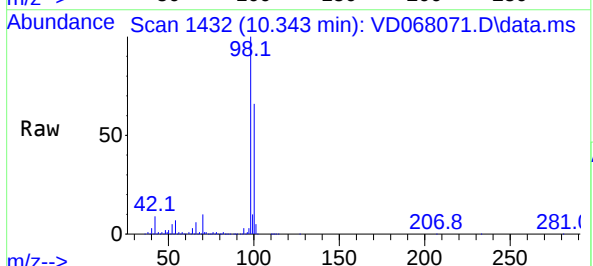
Instrument :
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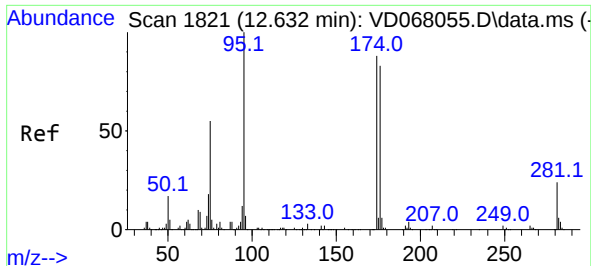
Tgt Ion:113 Resp: 276767
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 20.1 16.1 24.1



#50
Toluene-d8
Concen: 56.97 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

Tgt Ion: 98 Resp: 1031682
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

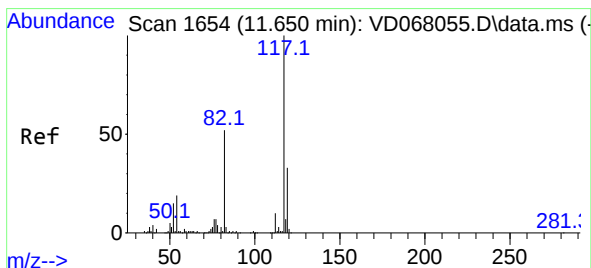
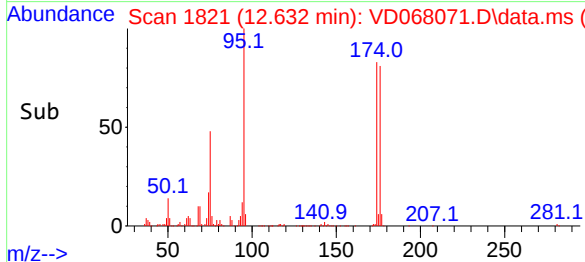
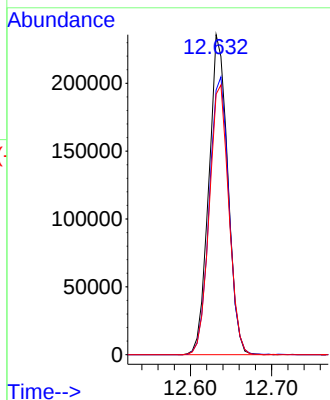
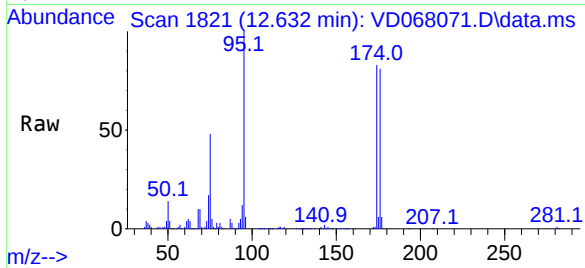




#62
4-Bromofluorobenzene
Concen: 60.26 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

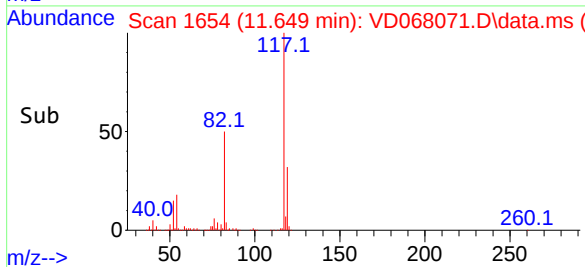
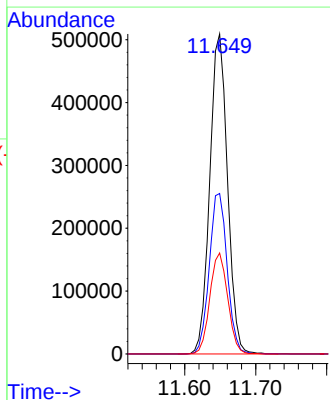
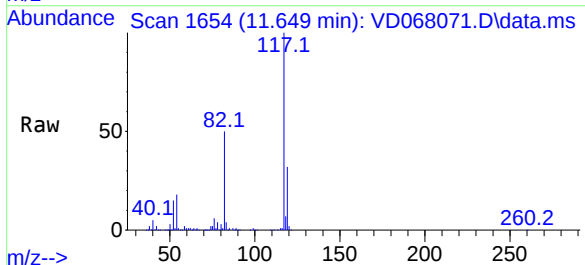
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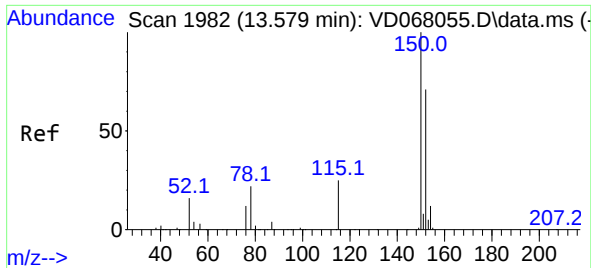
Tgt Ion: 95 Resp: 382320
Ion Ratio Lower Upper
95 100
174 89.3 0.0 172.4
176 86.4 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

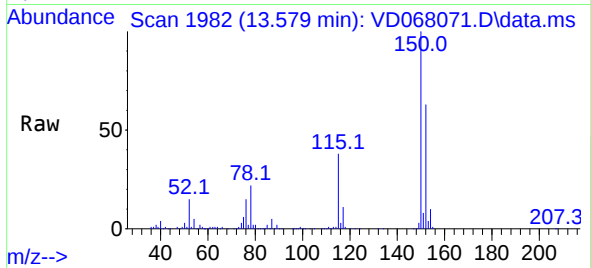
Tgt Ion: 117 Resp: 881101
Ion Ratio Lower Upper
117 100
82 50.2 41.4 62.0
119 31.5 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VD068071.D
 Acq: 13 Jan 2021 15:12

Instrument :
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 ClientSampleId :
 BORE-2-1FT-7FT



Tgt Ion:152 Resp: 443131

Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.9	86.8
150	157.7	0.0	344.4

