

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068079.D
 Acq On : 13 Jan 2021 19:18
 Operator : VA/SY
 Sample : M1122-01
 Misc : 6.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-011321

Quant Time: Jan 14 10:37:27 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)

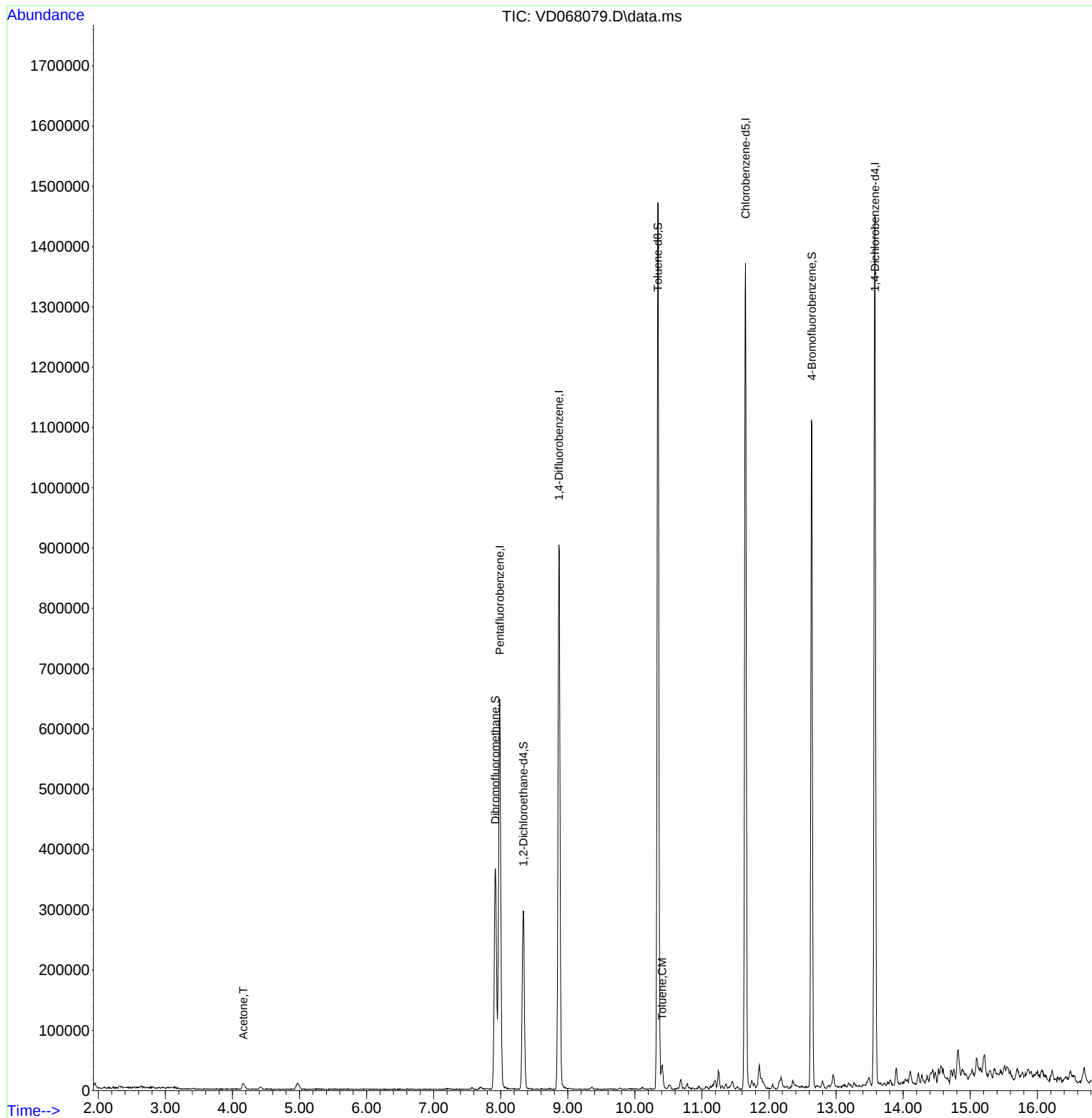
Internal Standards						
1) Pentafluorobenzene	7.985	168	502711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	855640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	867426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	419909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	251030	58.73	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.46%			
35) Dibromofluoromethane	7.920	113	268006	54.95	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.90%			
50) Toluene-d8	10.344	98	1006241	55.98	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.96%			
62) 4-Bromofluorobenzene	12.638	95	385367	61.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 122.40%			
Target Compounds						
16) Acetone	4.162	43	16624	24.54	ug/l	94
52) Toluene	10.408	92	15433	1.09	ug/l	92

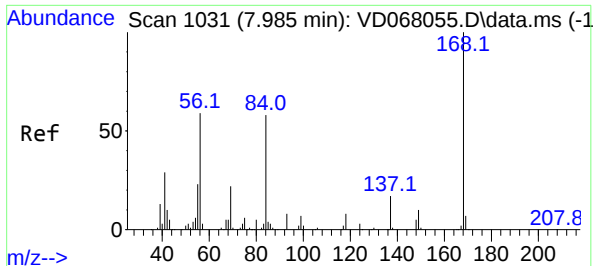
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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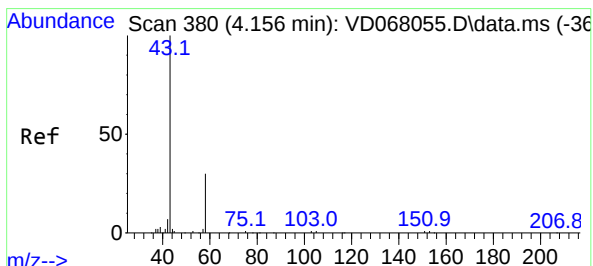
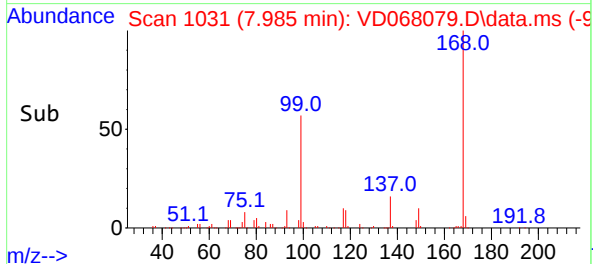
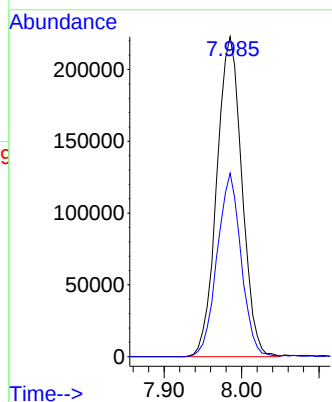
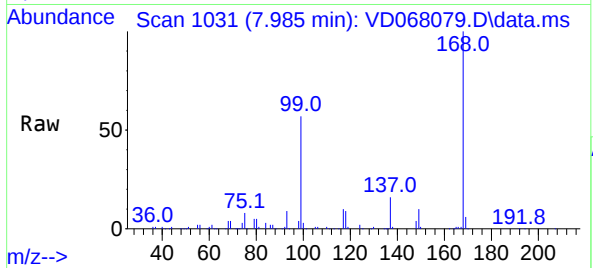




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068079.D
Acq: 13 Jan 2021 19:18

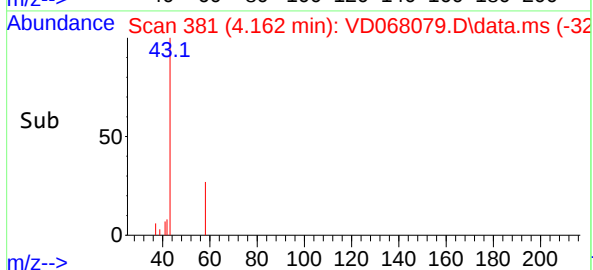
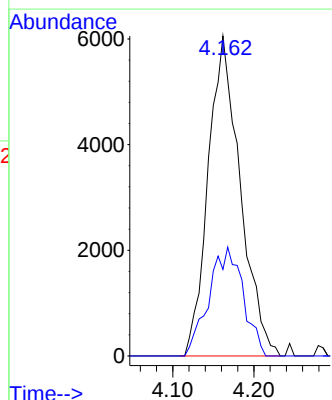
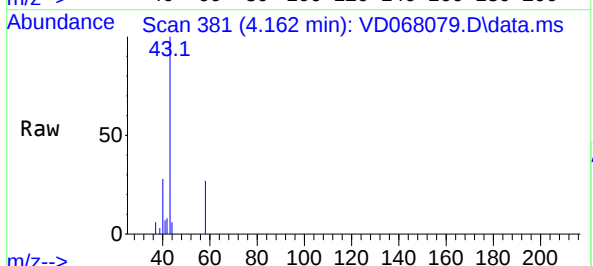
Instrument :
MSVOA_D
ClientSampleId :
BU-02-011321

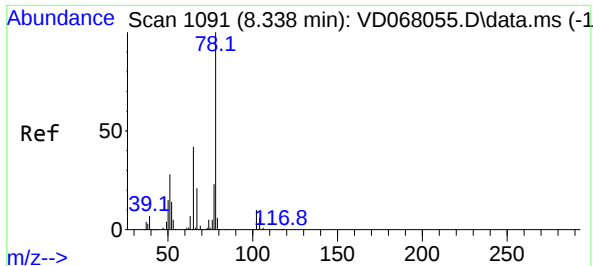
Tgt Ion:168 Resp: 502711
Ion Ratio Lower Upper
168 100
99 57.3 43.5 65.3



#16
Acetone
Concen: 24.54 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD068079.D
Acq: 13 Jan 2021 19:18

Tgt Ion: 43 Resp: 16624
Ion Ratio Lower Upper
43 100
58 27.1 24.2 36.4

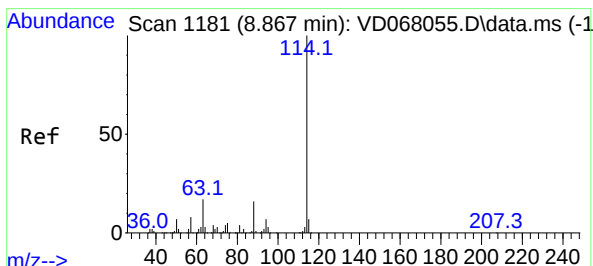
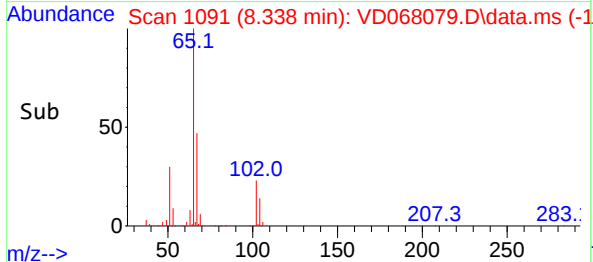
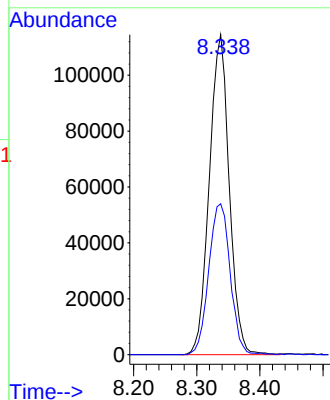
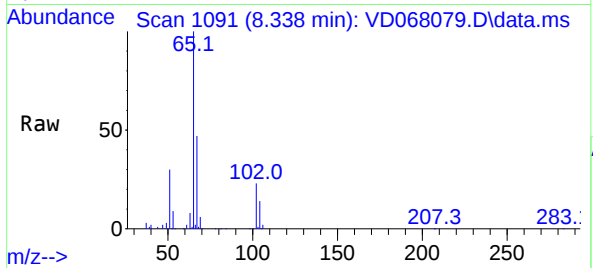




#33
1,2-Dichloroethane-d4
Concen: 58.73 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD068079.D
Acq: 13 Jan 2021 19:18

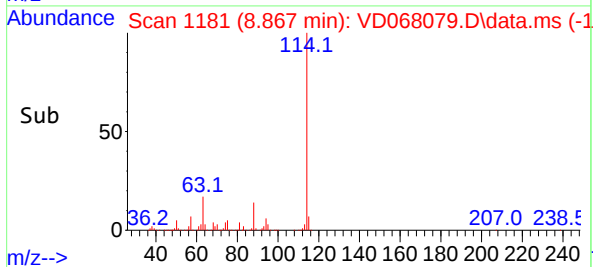
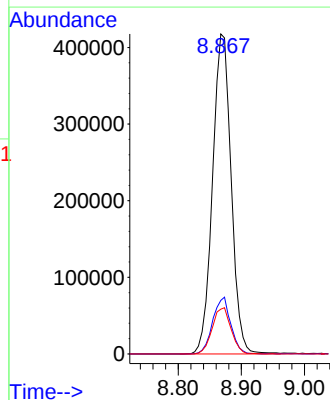
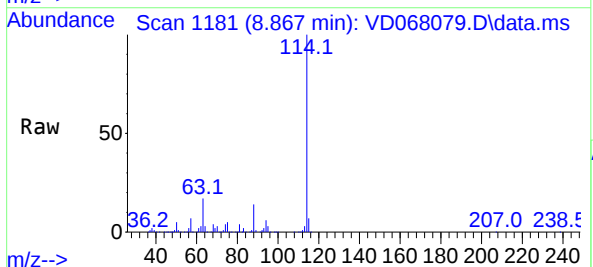
Instrument :
MSVOA_D
ClientSampleId :
BU-02-011321

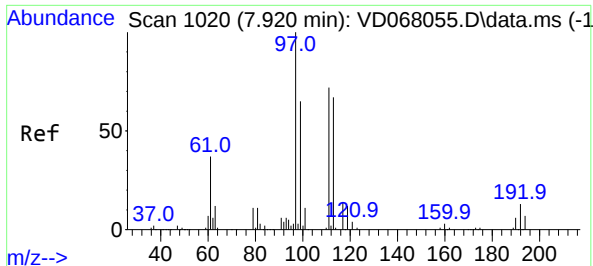
Tgt Ion: 65 Resp: 251030
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068079.D
Acq: 13 Jan 2021 19:18

Tgt Ion: 114 Resp: 855640
Ion Ratio Lower Upper
114 100
63 16.8 0.0 34.8
88 14.0 0.0 31.6

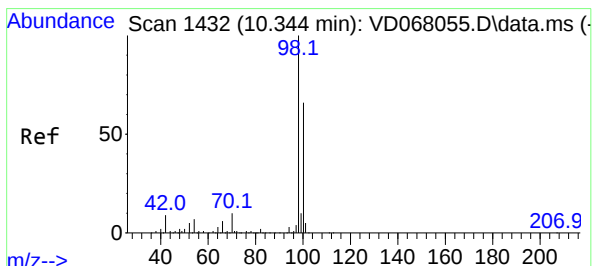
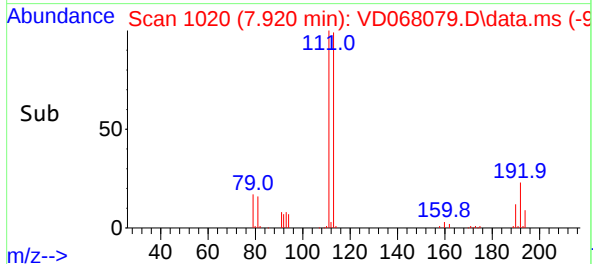
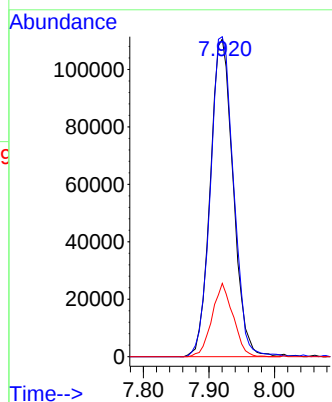
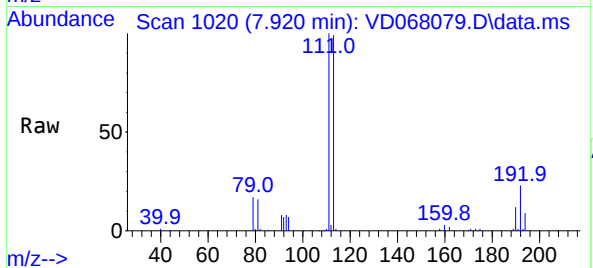




#35
Dibromofluoromethane
Concen: 54.95 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068079.D
Acq: 13 Jan 2021 19:18

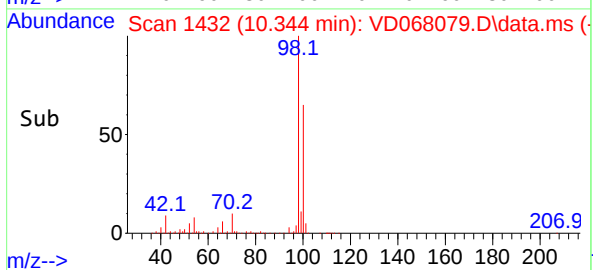
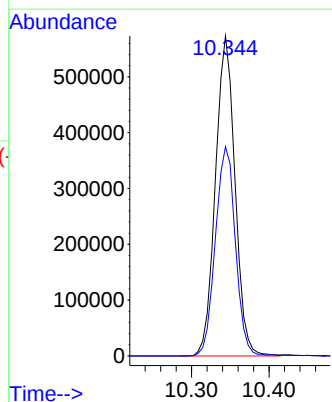
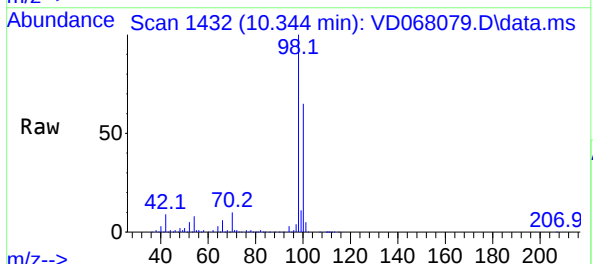
Instrument :
MSVOA_D
ClientSampleId :
BU-02-011321

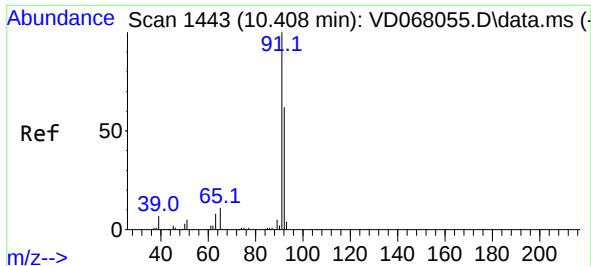
Tgt Ion:113 Resp: 268006
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 21.2 16.1 24.1



#50
Toluene-d8
Concen: 55.98 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068079.D
Acq: 13 Jan 2021 19:18

Tgt Ion: 98 Resp: 1006241
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4

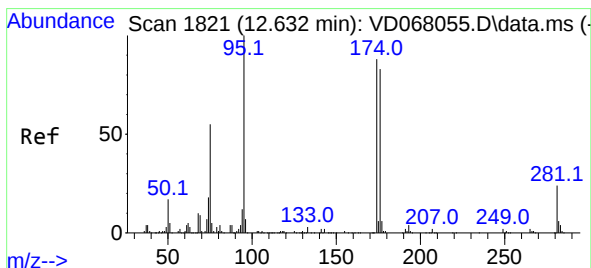
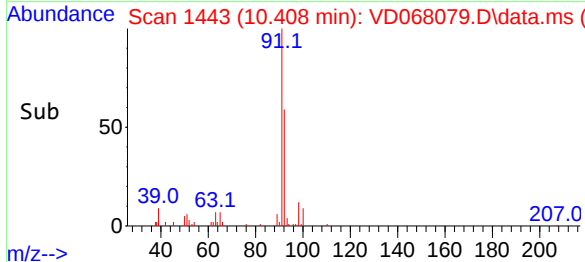
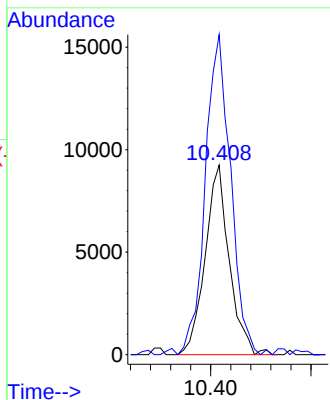
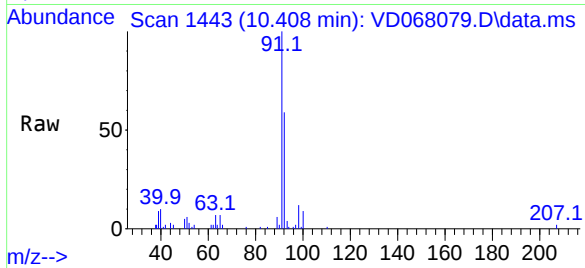




#52
Toluene
Concen: 1.09 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VD068079.D
Acq: 13 Jan 2021 19:18

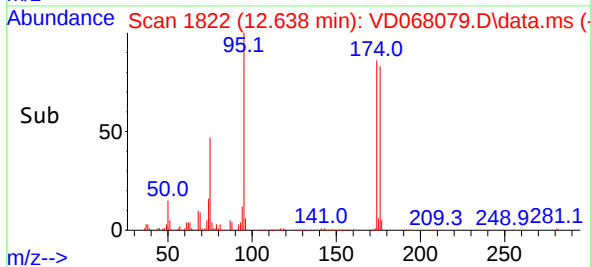
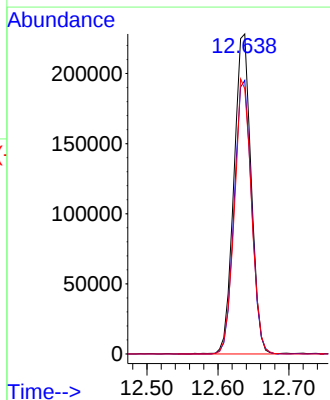
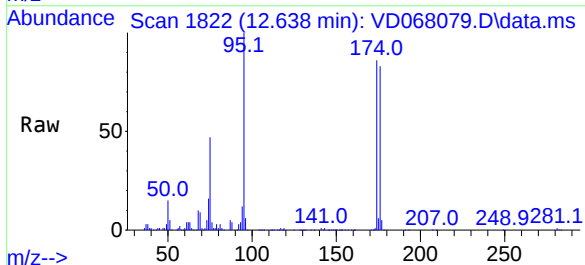
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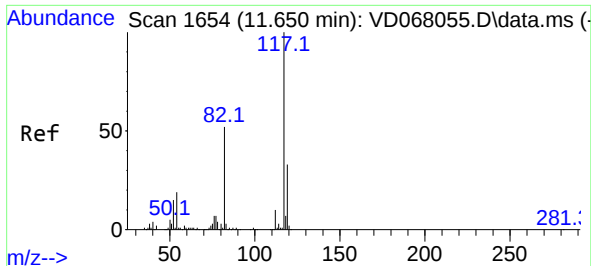
Tgt Ion: 92 Resp: 15433
Ion Ratio Lower Upper
92 100
91 177.9 134.1 201.1



#62
4-Bromofluorobenzene
Concen: 61.20 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068079.D
Acq: 13 Jan 2021 19:18

Tgt Ion: 95 Resp: 385367
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.4
176 84.6 0.0 168.4



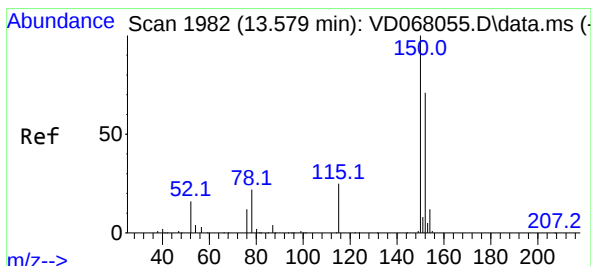
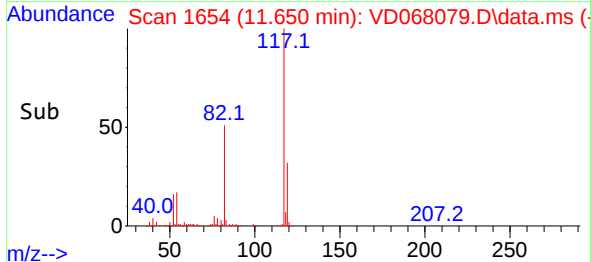
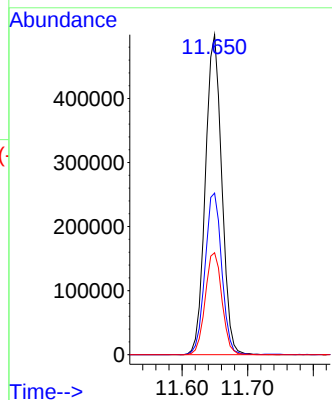
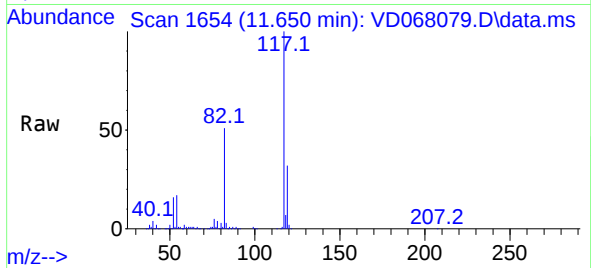


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068079.D
Acq: 13 Jan 2021 19:18

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 867426

Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.4	62.0
119	31.9	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: VD068079.D
Acq: 13 Jan 2021 19:18

Tgt Ion:152 Resp: 419909

Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.9	86.8
150	155.9	0.0	344.4

