

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068902.D
 Acq On : 19 Apr 2021 16:34
 Operator : VA/SY
 Sample : M2077-04
 Misc : 5.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-20-14.5-15.0

Quant Time: Apr 20 00:53:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

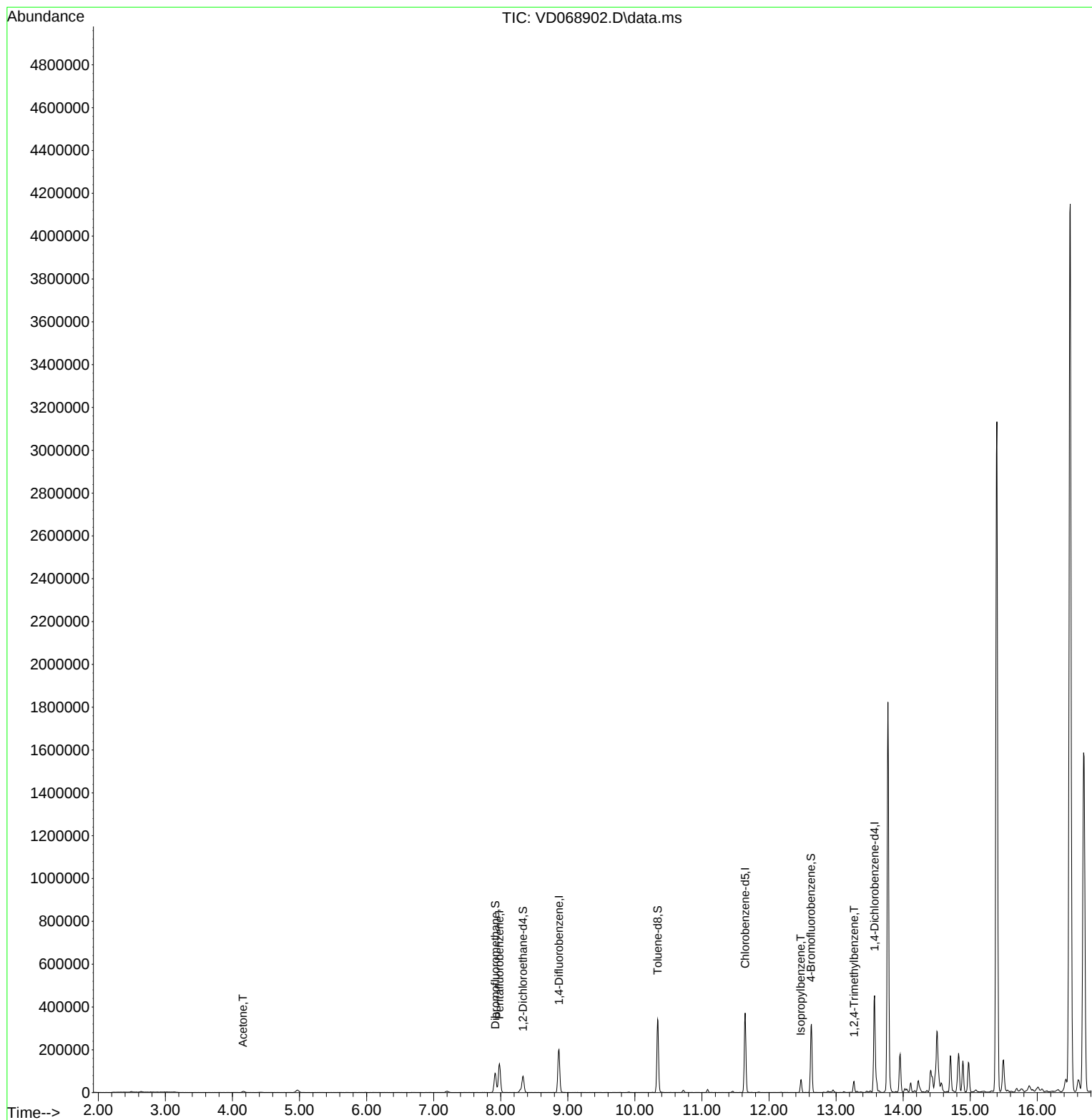
Internal Standards						
1) Pentafluorobenzene	7.979	168	103083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	186692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	222210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	122734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	58320	53.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.06%	
35) Dibromofluoromethane	7.920	113	63715	52.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.94%	
50) Toluene-d8	10.338	98	238375	52.04	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.08%	
62) 4-Bromofluorobenzene	12.626	95	103764	68.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 136.40%	
Target Compounds						
16) Acetone	4.156	43	9078	60.17	ug/l	88
73) Isopropylbenzene	12.473	105	38880	4.34	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	27904	3.69	ug/l	89

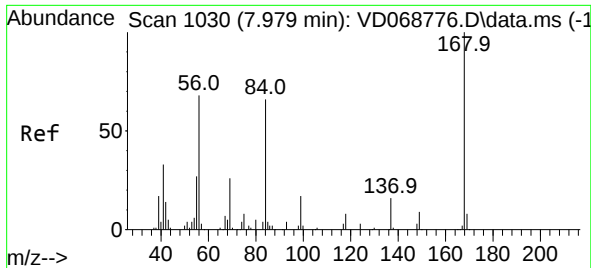
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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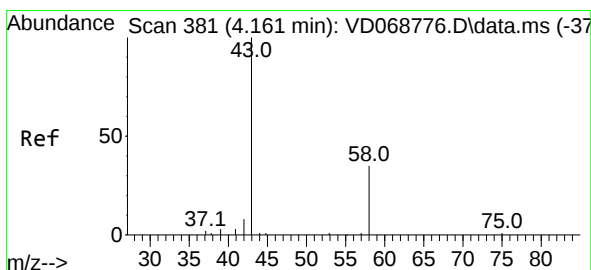
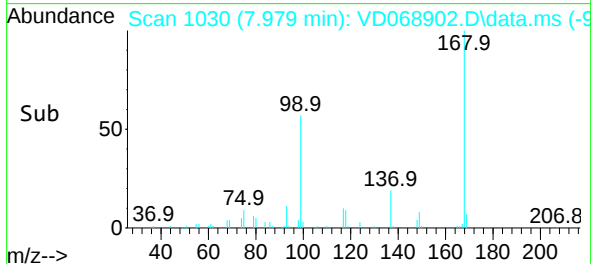
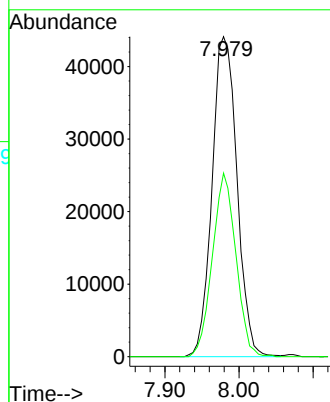
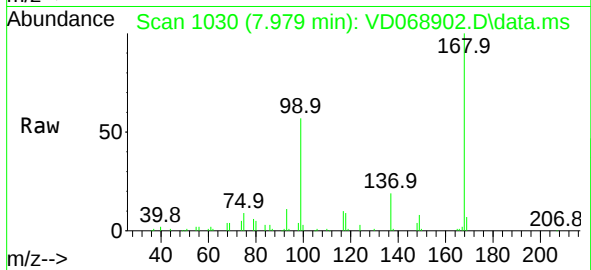




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068902.D
Acq: 19 Apr 2021 16:34

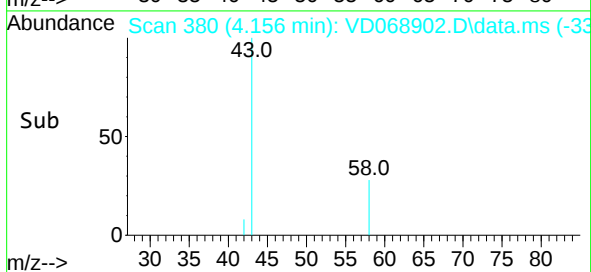
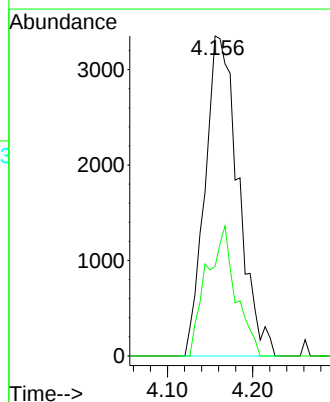
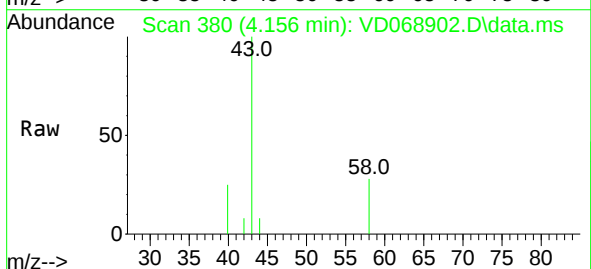
Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0

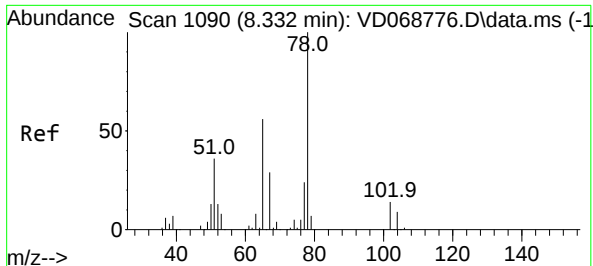
Tgt Ion:168 Resp: 103083
Ion Ratio Lower Upper
168 100
99 57.4 46.2 69.2



#16
Acetone
Concen: 60.17 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068902.D
Acq: 19 Apr 2021 16:34

Tgt Ion: 43 Resp: 9078
Ion Ratio Lower Upper
43 100
58 28.0 28.0 42.0

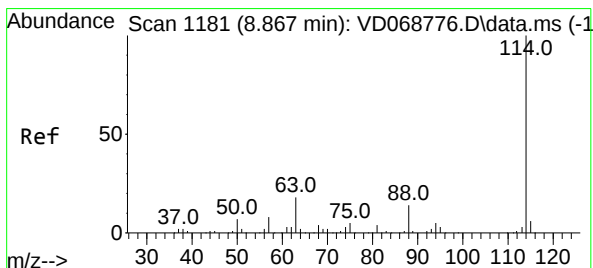
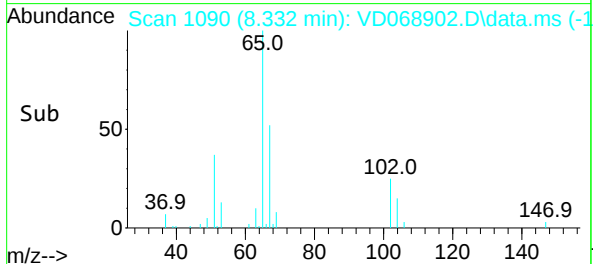
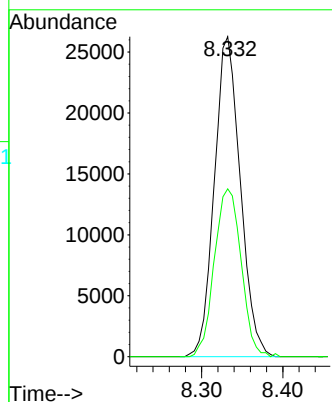
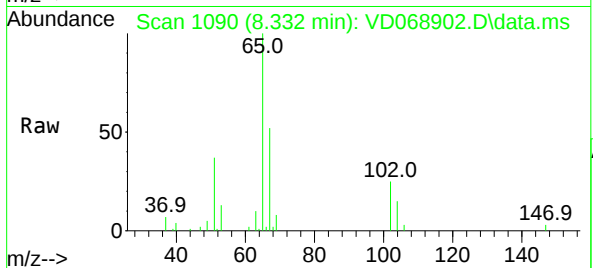




#33
1,2-Dichloroethane-d4
Concen: 53.53 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068902.D
Acq: 19 Apr 2021 16:34

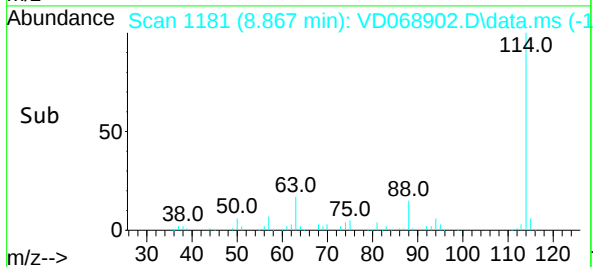
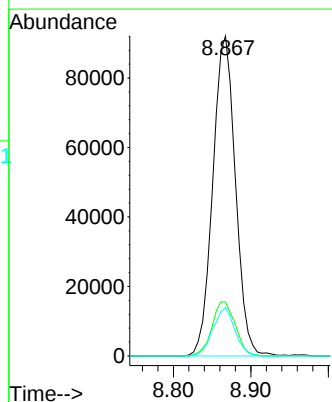
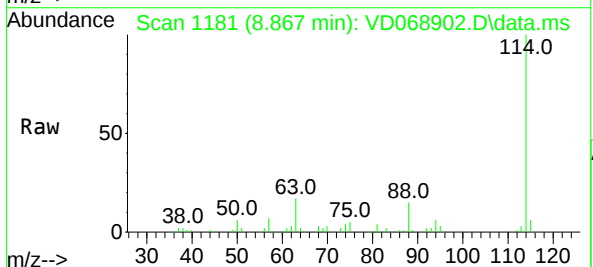
Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0

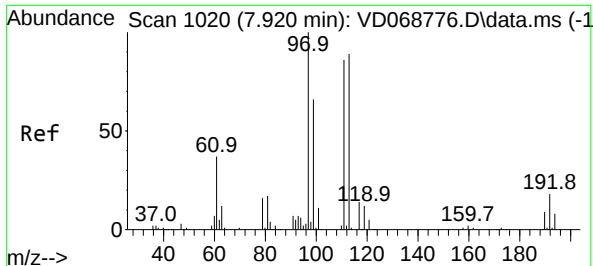
Tgt Ion: 65 Resp: 58320
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068902.D
Acq: 19 Apr 2021 16:34

Tgt Ion:114 Resp: 186692
Ion Ratio Lower Upper
114 100
63 16.9 0.0 38.2
88 15.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 52.47 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068902.D

Acq: 19 Apr 2021 16:34

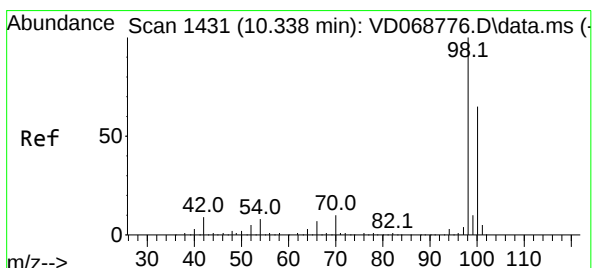
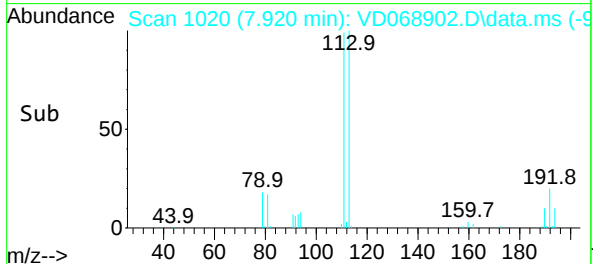
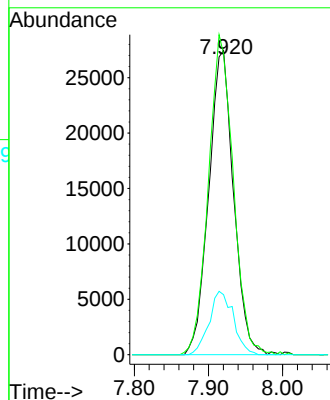
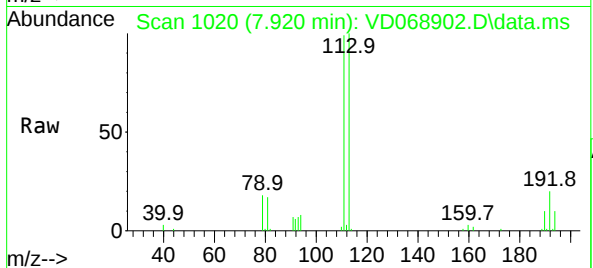
Tgt Ion:113 Resp: 63715

Ion Ratio Lower Upper

113 100

111 105.4 82.5 123.7

192 20.4 15.1 22.7



#50

Toluene-d8

Concen: 52.04 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD068902.D

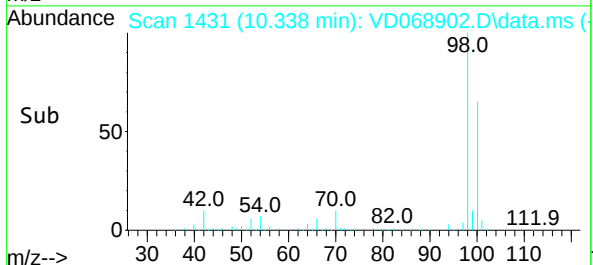
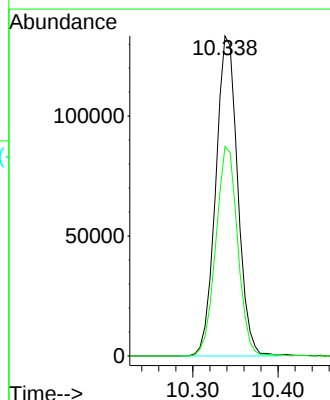
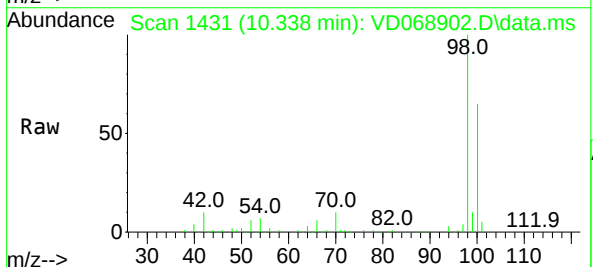
Acq: 19 Apr 2021 16:34

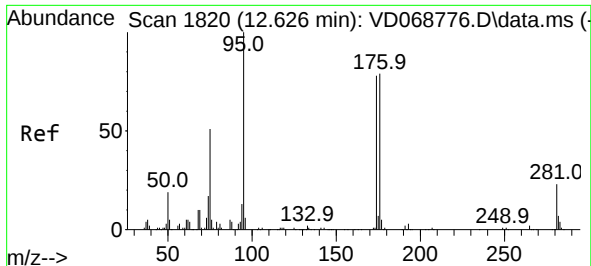
Tgt Ion: 98 Resp: 238375

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.6

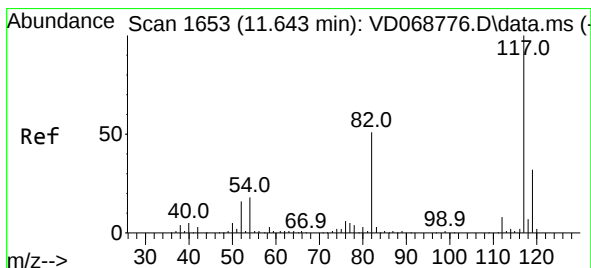
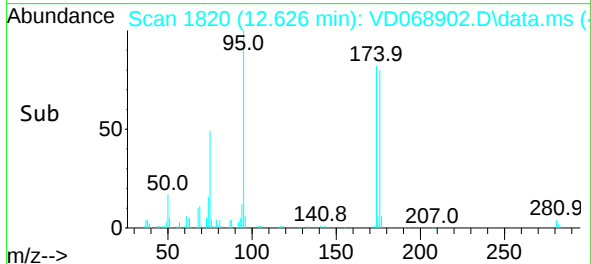
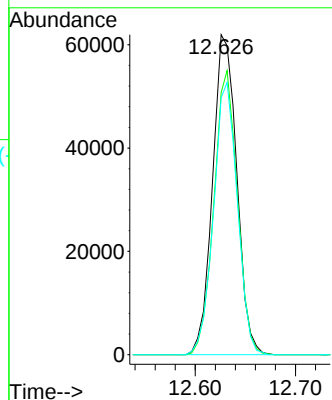
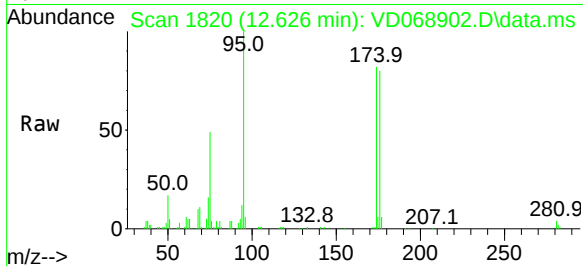




#62
4-Bromofluorobenzene
Concen: 68.20 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068902.D
Acq: 19 Apr 2021 16:34

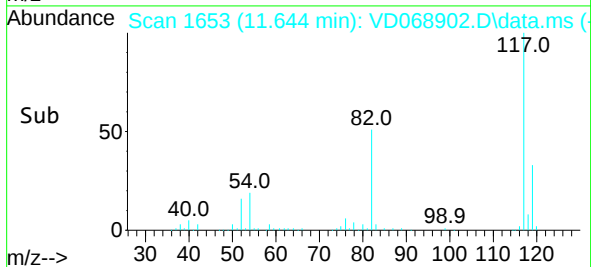
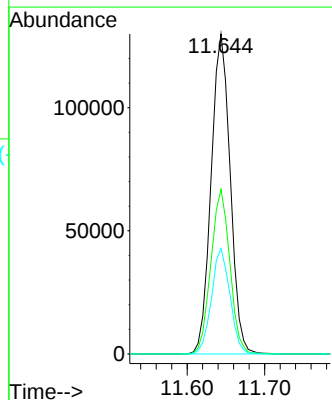
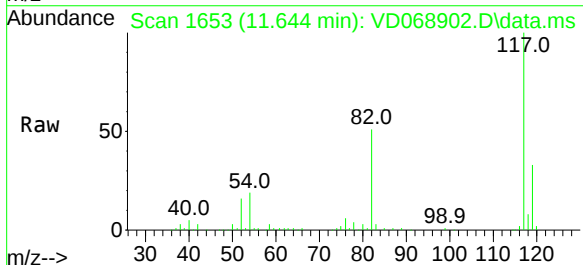
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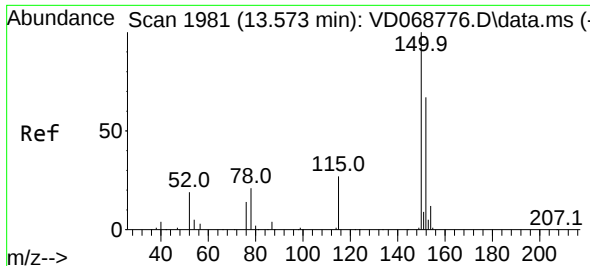
Tgt Ion: 95 Resp: 103764
Ion Ratio Lower Upper
95 100
174 86.0 0.0 168.0
176 83.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068902.D
Acq: 19 Apr 2021 16:34

Tgt Ion: 117 Resp: 222210
Ion Ratio Lower Upper
117 100
82 51.4 43.5 65.3
119 33.0 26.7 40.1

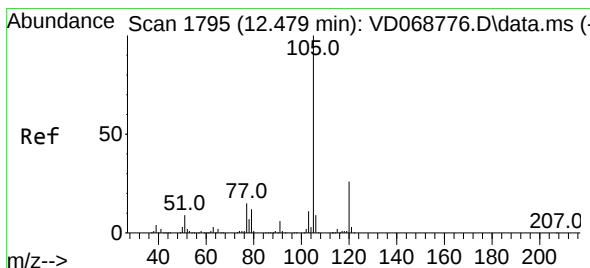
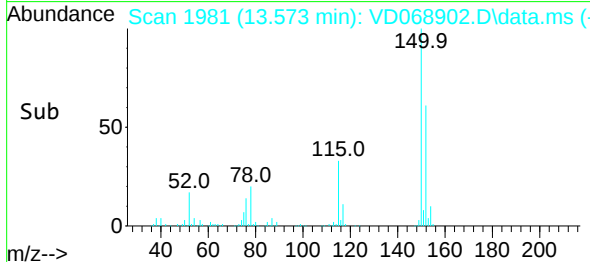
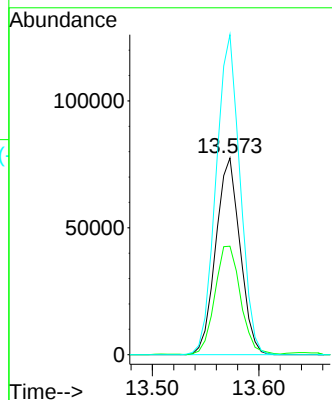
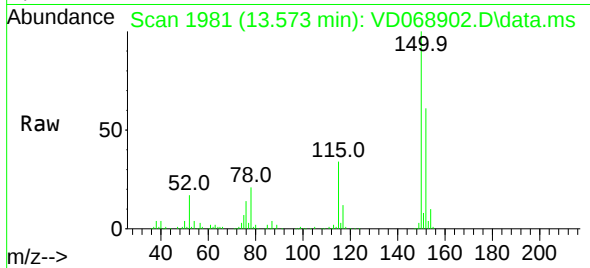




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068902.D
Acq: 19 Apr 2021 16:34

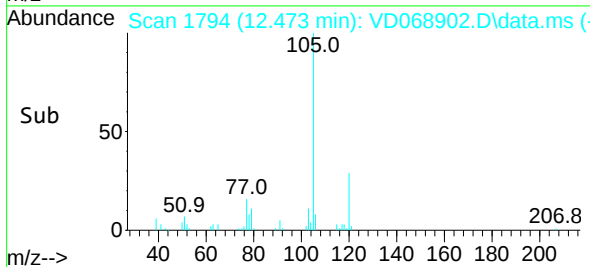
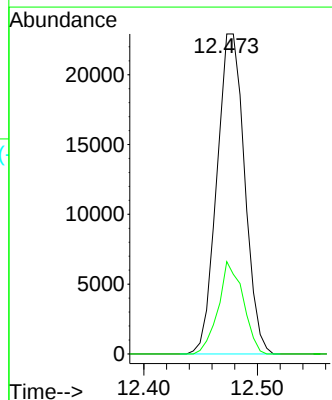
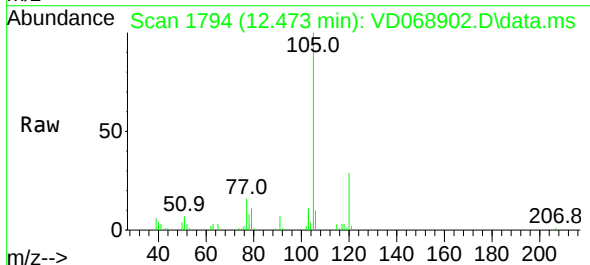
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SB-20-14.5-15.0

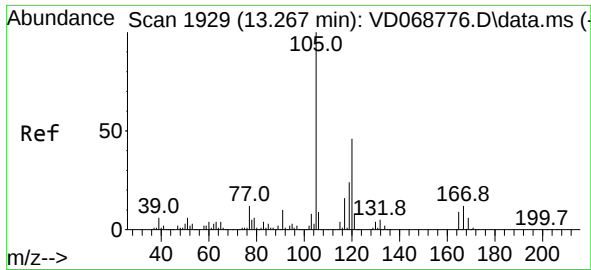
Tgt Ion:152 Resp: 122734
Ion Ratio Lower Upper
152 100
115 58.5 29.3 87.8
150 160.7 0.0 347.6



#73
Isopropylbenzene
Concen: 4.34 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD068902.D
Acq: 19 Apr 2021 16:34

Tgt Ion:105 Resp: 38880
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.2





#84
 1,2,4-Trimethylbenzene
 Concen: 3.69 ug/l
 RT: 13.267 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: VD068902.D
 Acq: 19 Apr 2021 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-20-14.5-15.0

Tgt Ion:105 Resp: 27904
 Ion Ratio Lower Upper
 105 100
 120 52.5 22.6 67.7

