

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012221\
 Data File : VD068152.D
 Acq On : 22 Jan 2021 13:43
 Operator : VA/SY
 Sample : M1189-05
 Misc : 3.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 41048

Quant Time: Jan 22 23:58:40 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)

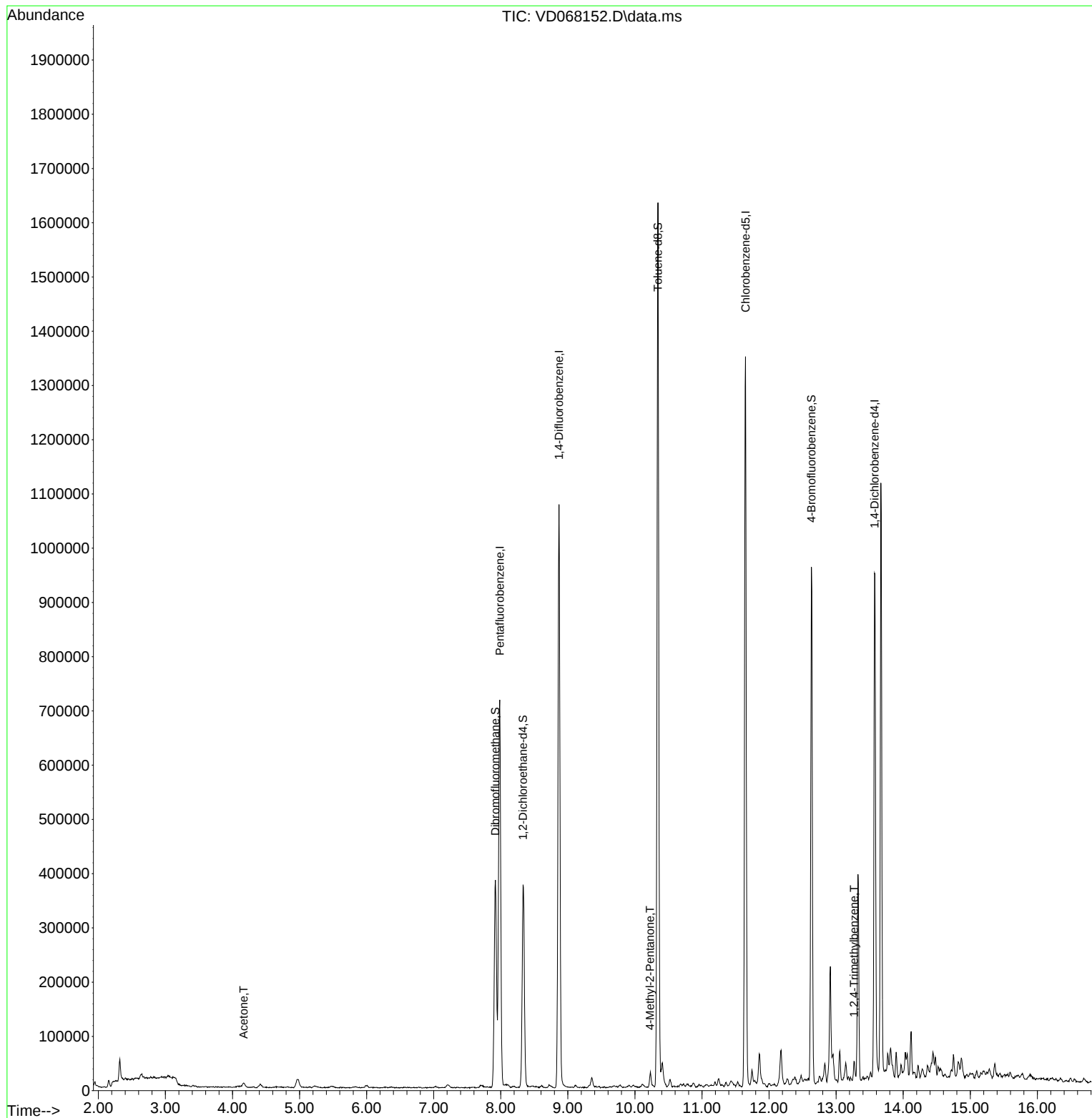
Internal Standards						
1) Pentafluorobenzene	7.985	168	541941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	943610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	782872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	258267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	303499	58.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.08%
35) Dibromofluoromethane	7.920	113	281740	54.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.02%
50) Toluene-d8	10.344	98	1114950	53.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.86%
62) 4-Bromofluorobenzene	12.632	95	328309	43.69	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.38%
Target Compounds						
16) Acetone	4.167	43	14286	15.43	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	16645	5.10	ug/l	94
84) 1,2,4-Trimethylbenzene	13.267	105	23259	1.31	ug/l	96

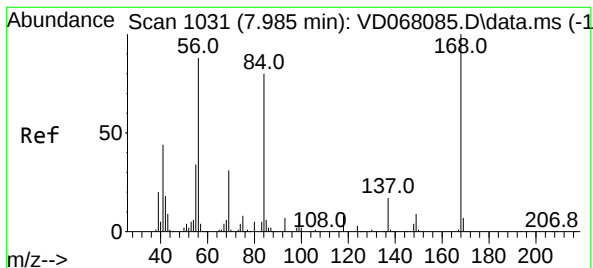
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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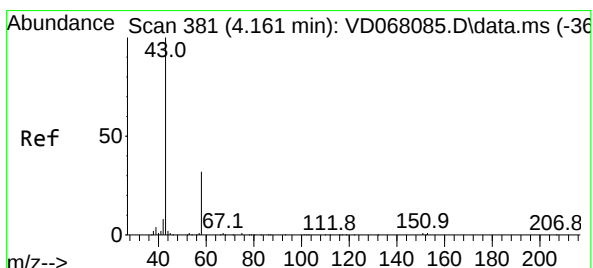
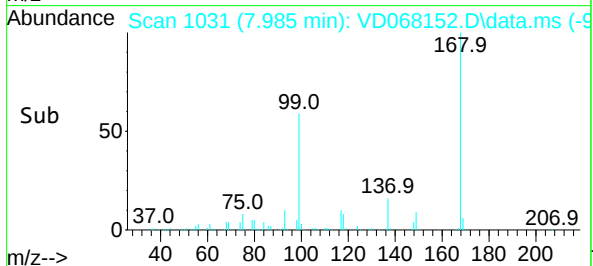
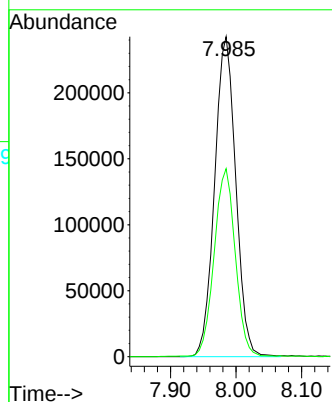
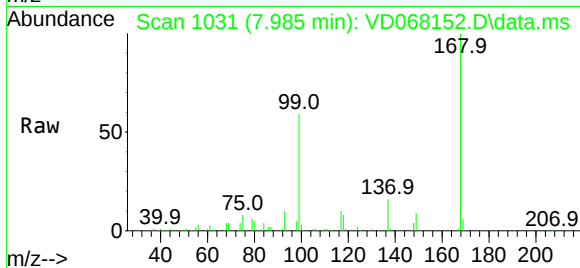




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068152.D
Acq: 22 Jan 2021 13:43

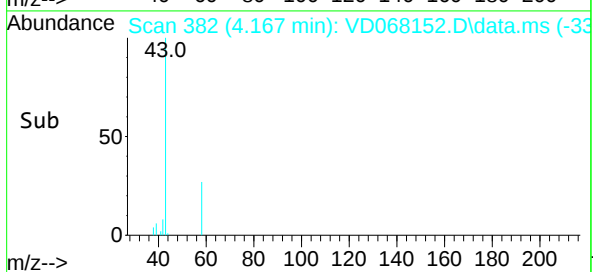
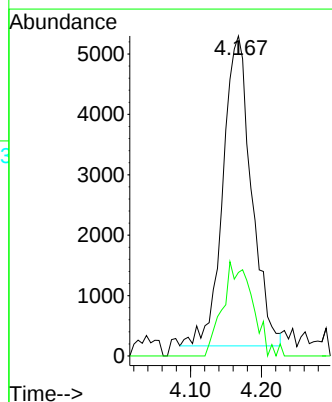
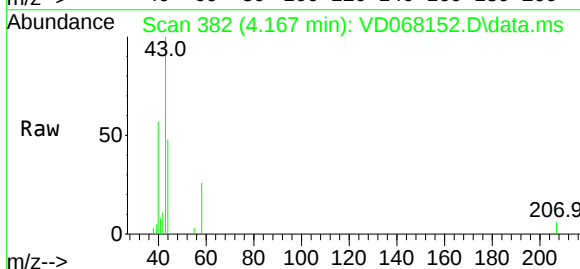
Instrument :
MSVOA_D
ClientSampleId :
41048

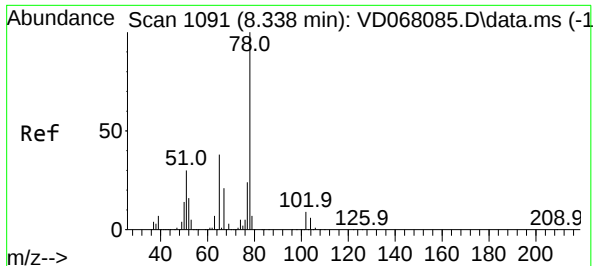
Tgt Ion:168 Resp: 541941
Ion Ratio Lower Upper
168 100
99 58.5 43.5 65.3



#16
Acetone
Concen: 15.43 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068152.D
Acq: 22 Jan 2021 13:43

Tgt Ion: 43 Resp: 14286
Ion Ratio Lower Upper
43 100
58 27.0 24.2 36.4

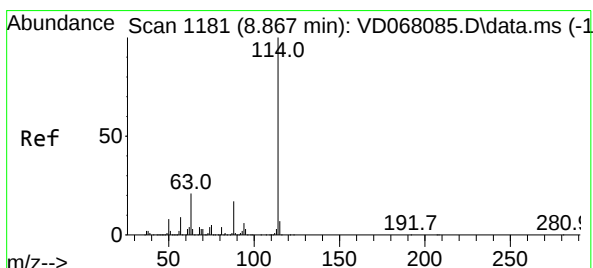
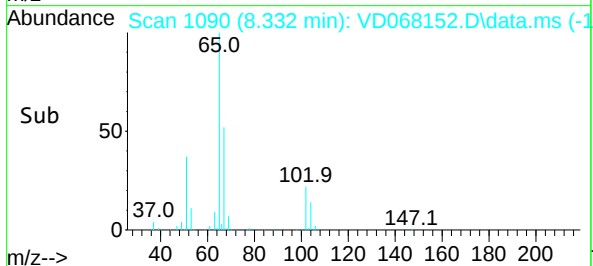
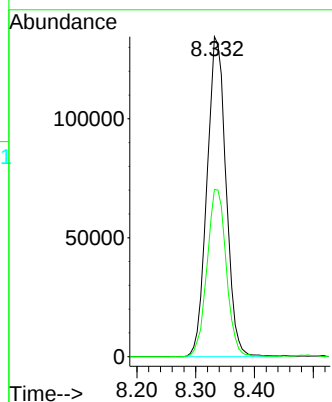
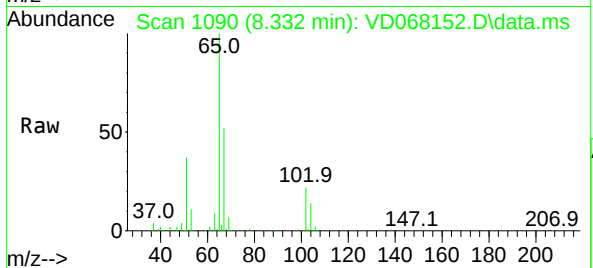




#33
1,2-Dichloroethane-d4
Concen: 58.54 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068152.D
Acq: 22 Jan 2021 13:43

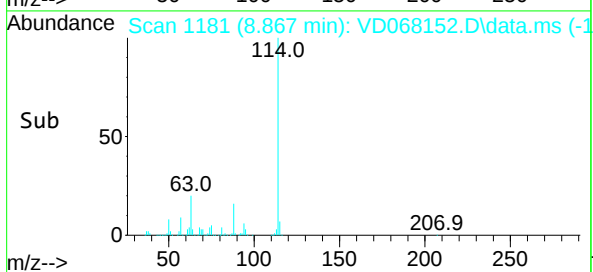
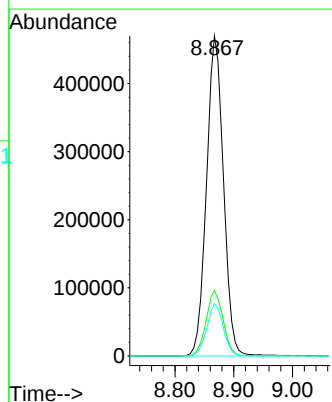
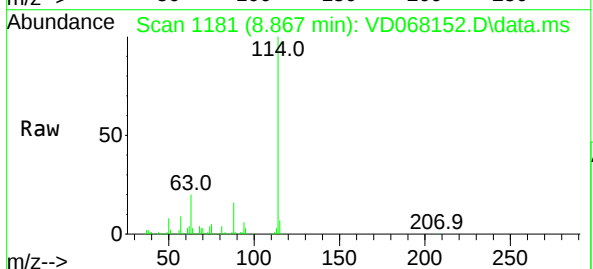
Instrument :
MSVOA_D
ClientSampleId :
41048

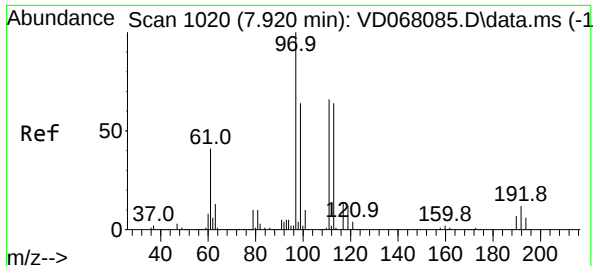
Tgt Ion: 65 Resp: 303499
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068152.D
Acq: 22 Jan 2021 13:43

Tgt Ion: 114 Resp: 943610
Ion Ratio Lower Upper
114 100
63 20.4 0.0 34.8
88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 54.01 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068152.D

Acq: 22 Jan 2021 13:43

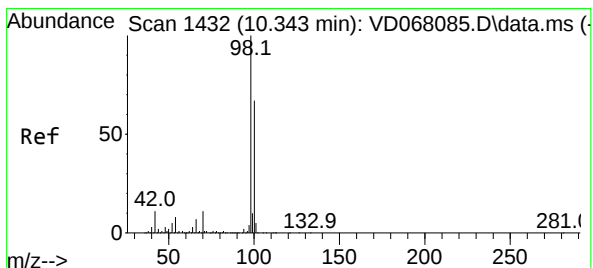
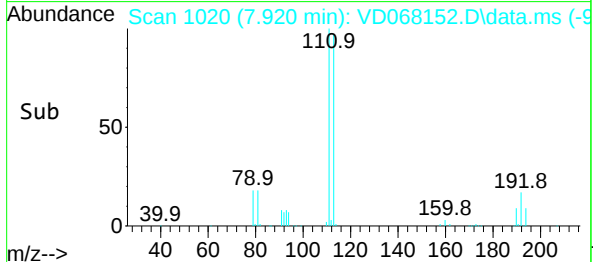
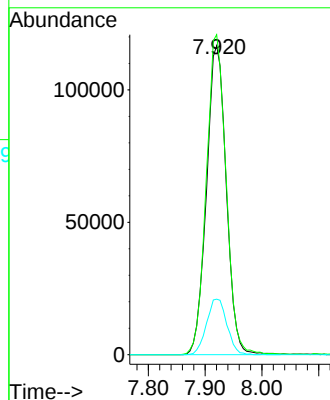
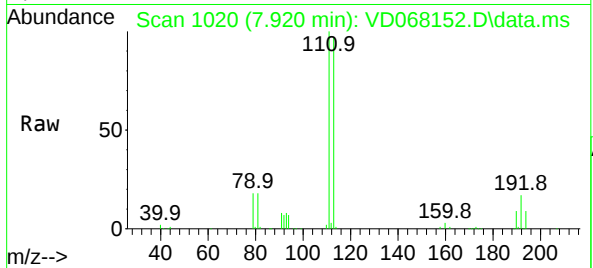
Tgt Ion:113 Resp: 281740

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 18.5 16.1 24.1



#50

Toluene-d8

Concen: 53.43 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VD068152.D

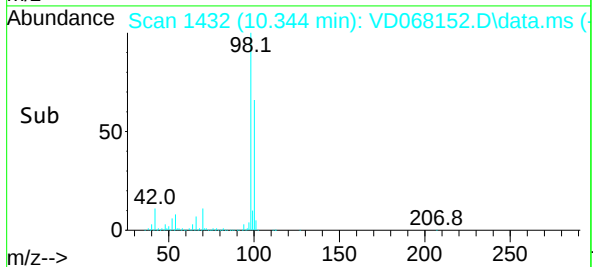
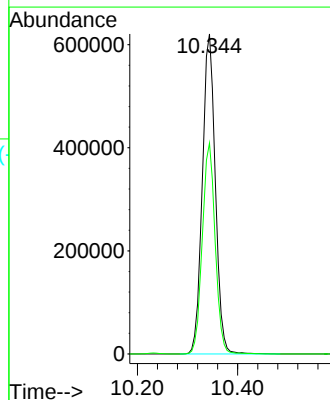
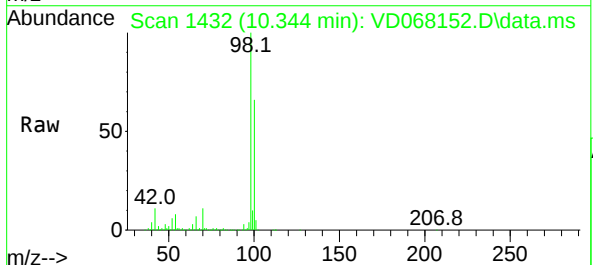
Acq: 22 Jan 2021 13:43

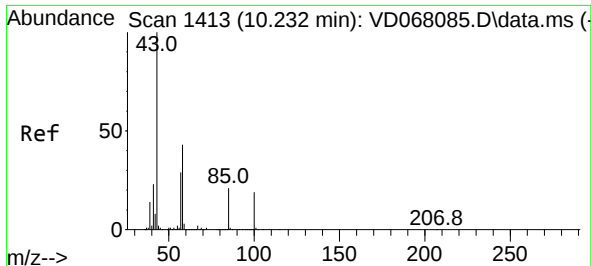
Tgt Ion: 98 Resp: 1114950

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4

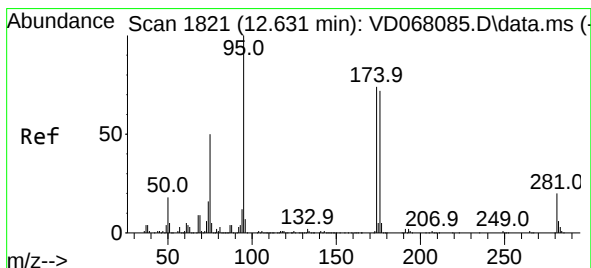
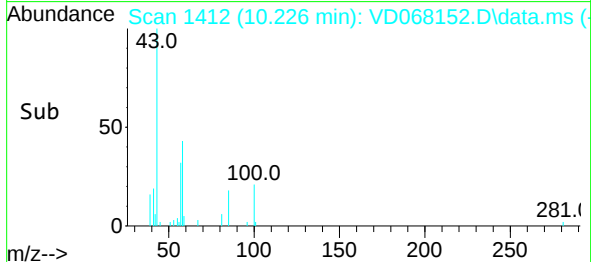
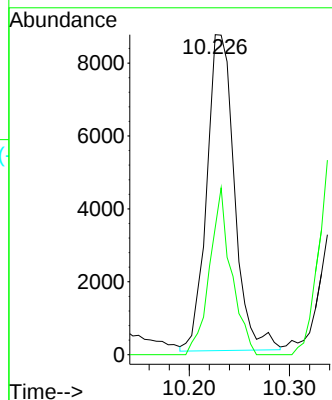
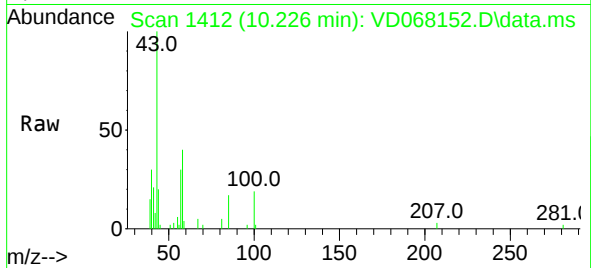




#51
4-Methyl-2-Pentanone
Concen: 5.10 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD068152.D
Acq: 22 Jan 2021 13:43

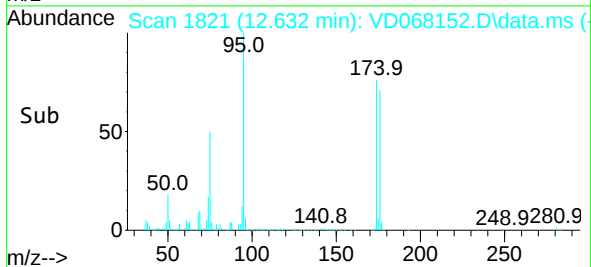
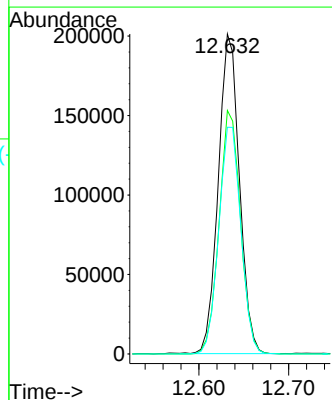
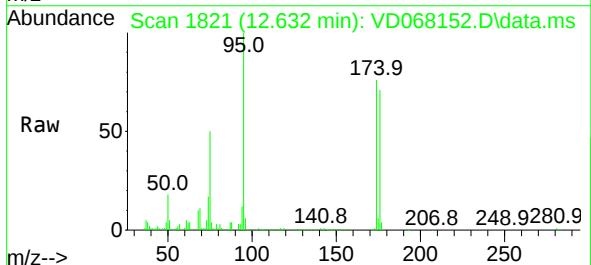
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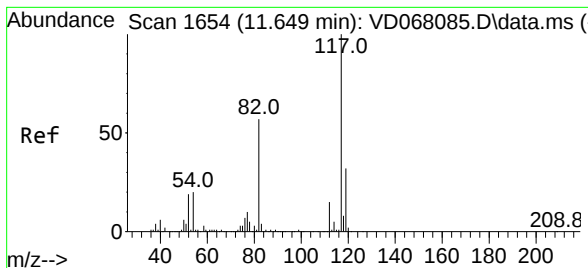
Tgt Ion: 43 Resp: 16645
Ion Ratio Lower Upper
43 100
58 41.4 36.1 54.1



#62
4-Bromofluorobenzene
Concen: 43.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068152.D
Acq: 22 Jan 2021 13:43

Tgt Ion: 95 Resp: 328309
Ion Ratio Lower Upper
95 100
174 77.2 0.0 172.4
176 74.4 0.0 168.4

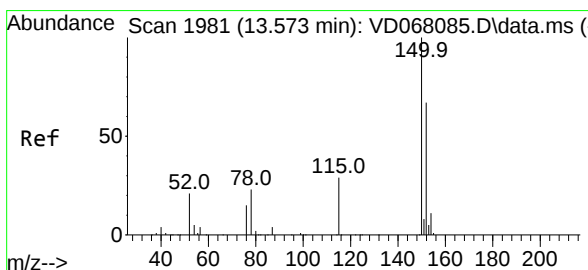
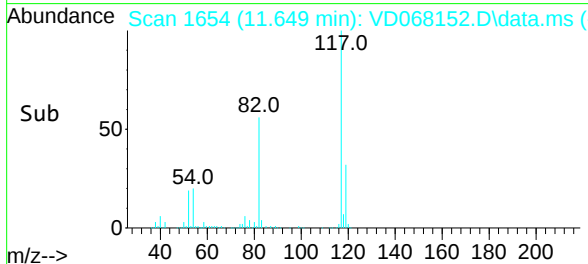
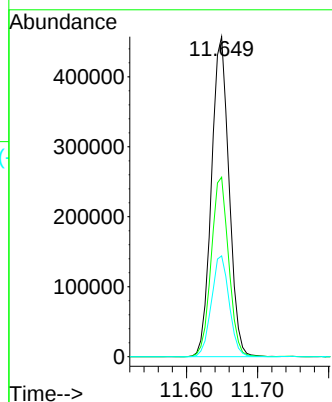
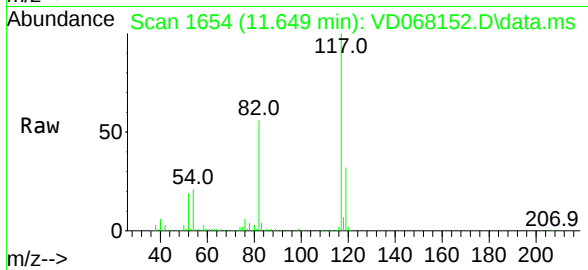




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068152.D
Acq: 22 Jan 2021 13:43

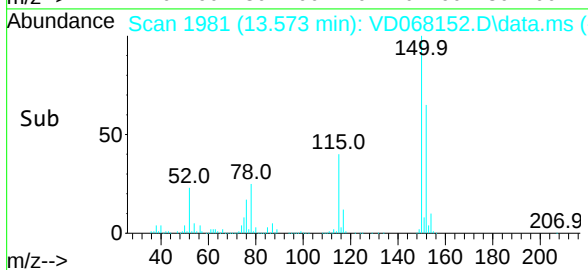
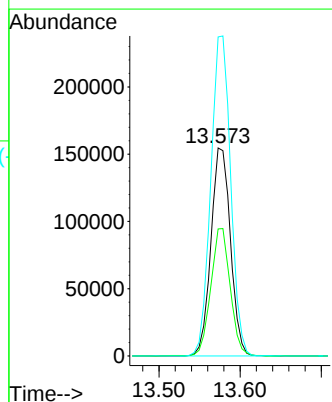
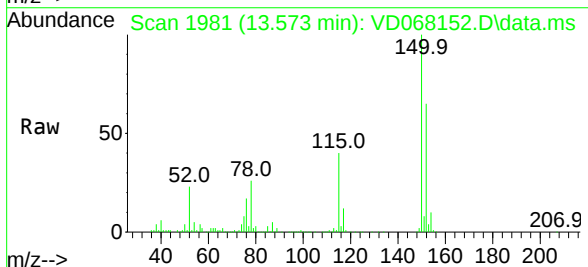
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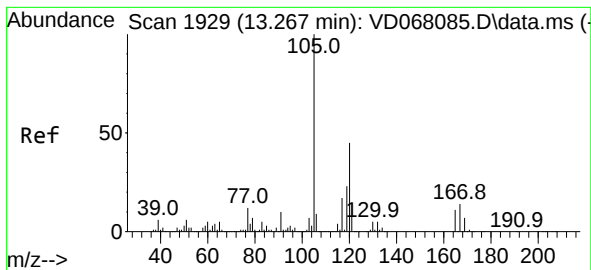
Tgt Ion:117 Resp: 782872
Ion Ratio Lower Upper
117 100
82 56.1 41.4 62.0
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068152.D
Acq: 22 Jan 2021 13:43

Tgt Ion:152 Resp: 258267
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.8
150 156.7 0.0 344.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.31 ug/l
 RT: 13.267 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: VD068152.D
 Acq: 22 Jan 2021 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 41048

Tgt Ion:105 Resp: 23259
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.4 67.0

