

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069185.D
 Acq On : 14 May 2021 19:13
 Operator : VA/SY
 Sample : M2372-05
 Misc : 3.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26598

Quant Time: May 15 02:37:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

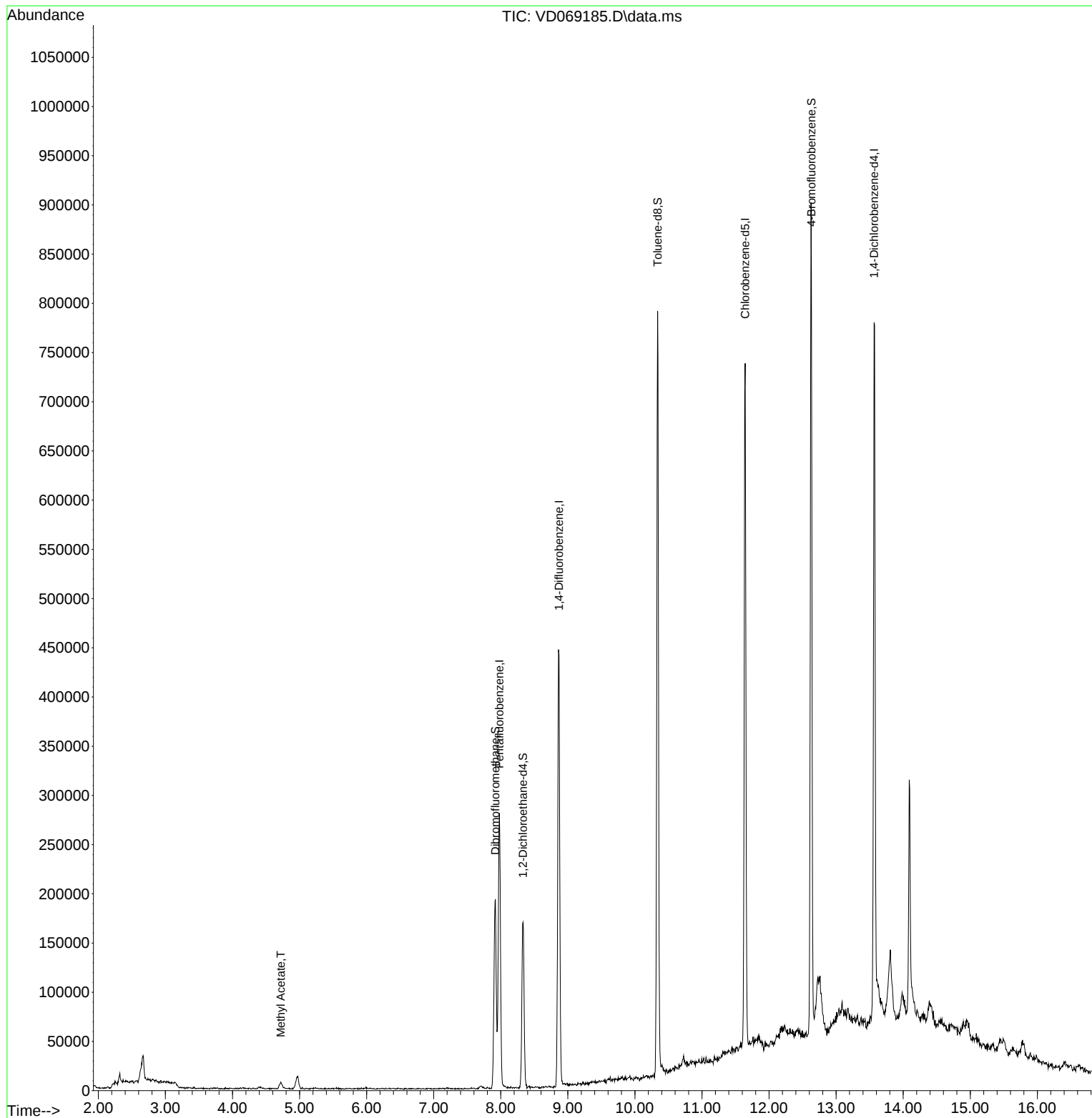
Internal Standards						
1) Pentafluorobenzene	7.979	168	202839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	397884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	419356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	192961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	136933	67.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.68%
35) Dibromofluoromethane	7.920	113	137787	53.21	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.42%
50) Toluene-d8	10.338	98	541367	56.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.80%
62) 4-Bromofluorobenzene	12.632	95	194582	63.56	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	127.12%
Target Compounds						
18) Methyl Acetate	4.720	43	11235	14.85	ug/l	Qvalue 97

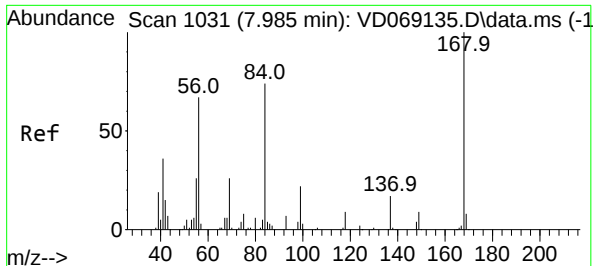
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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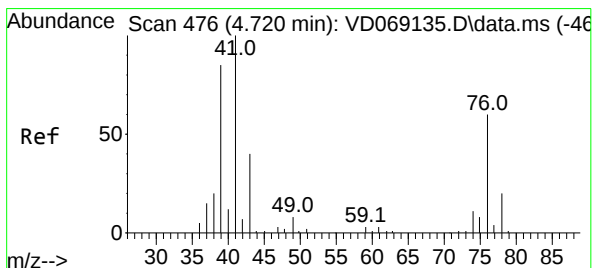
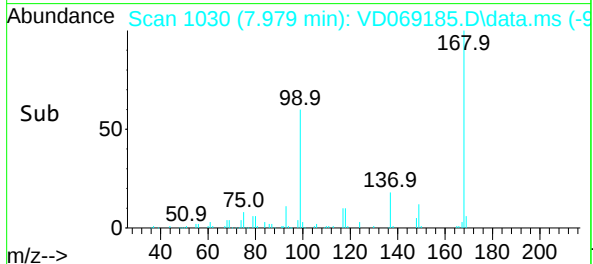
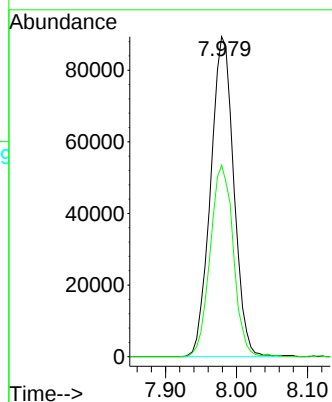
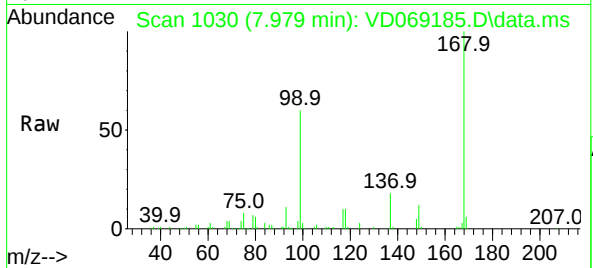




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069185.D
Acq: 14 May 2021 19:13

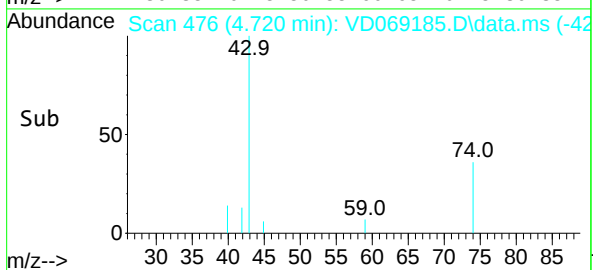
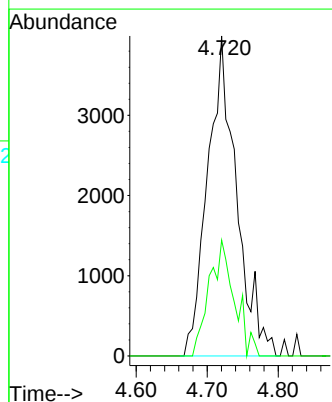
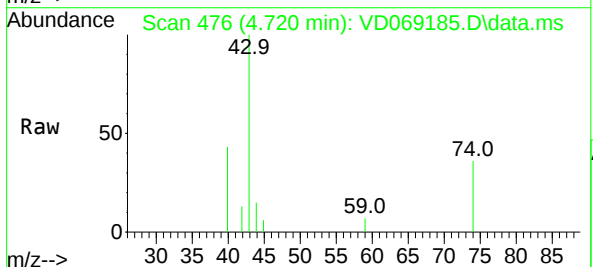
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26598

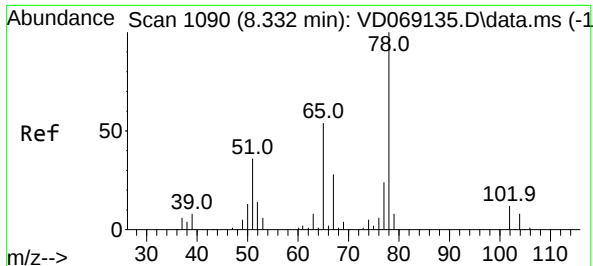
Tgt Ion:168 Resp: 202839
Ion Ratio Lower Upper
168 100
99 59.9 47.2 70.8



#18
Methyl Acetate
Concen: 14.85 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD069185.D
Acq: 14 May 2021 19:13

Tgt Ion: 43 Resp: 11235
Ion Ratio Lower Upper
43 100
74 31.5 23.8 35.6

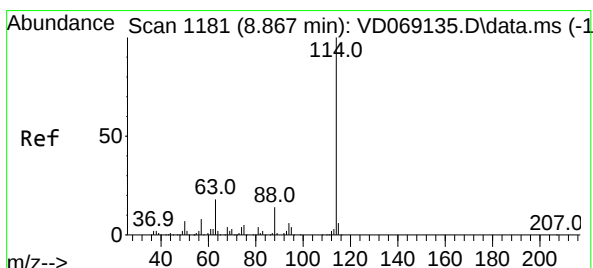
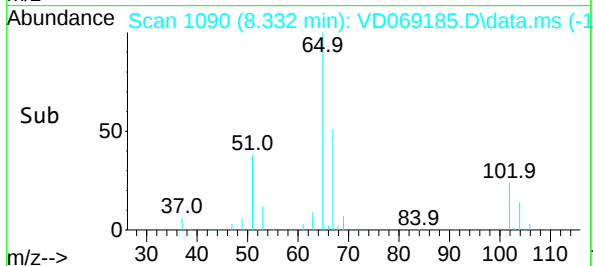
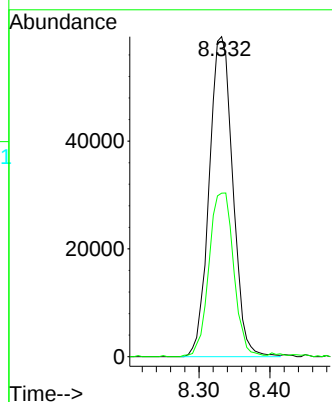
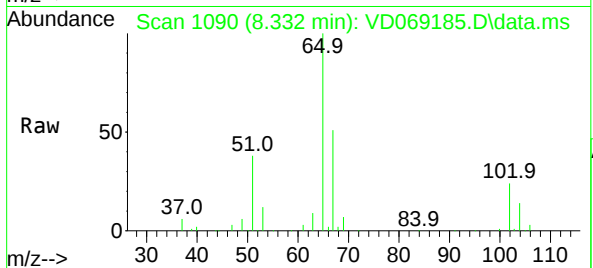




#33
1,2-Dichloroethane-d4
Concen: 67.34 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069185.D
Acq: 14 May 2021 19:13

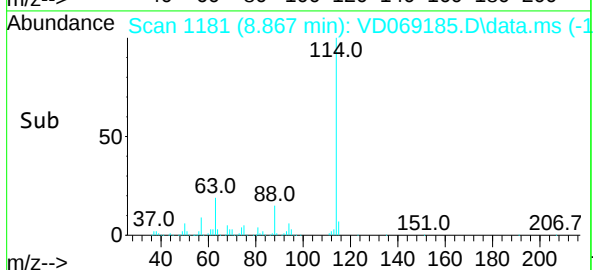
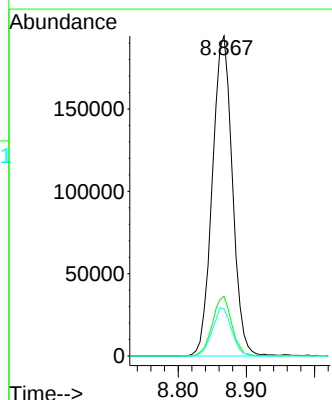
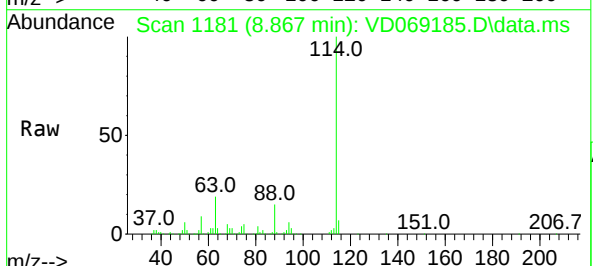
Instrument :
MSVOA_D
ClientSampleId :
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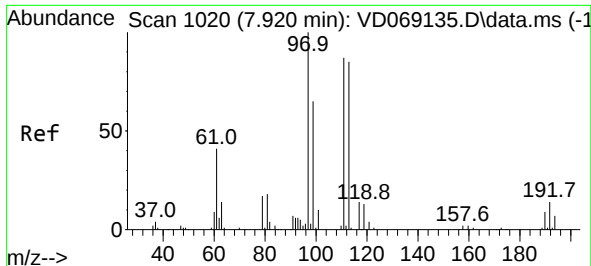
Tgt Ion: 65 Resp: 136933
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069185.D
Acq: 14 May 2021 19:13

Tgt Ion: 114 Resp: 397884
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.4
88 14.6 0.0 28.2





#35

Dibromofluoromethane

Concen: 53.21 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD069185.D

Acq: 14 May 2021 19:13

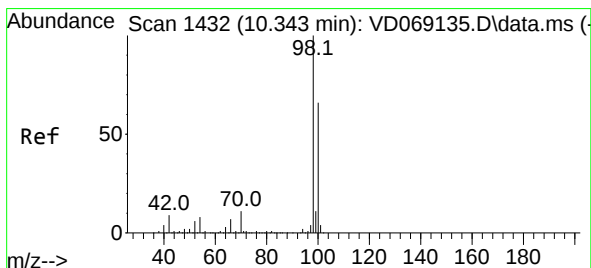
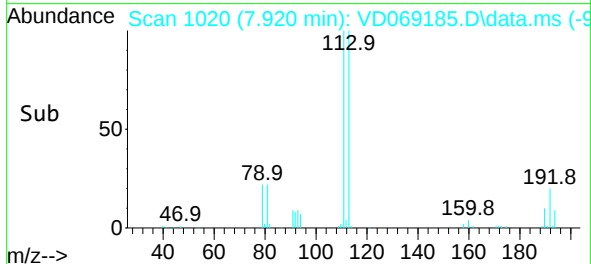
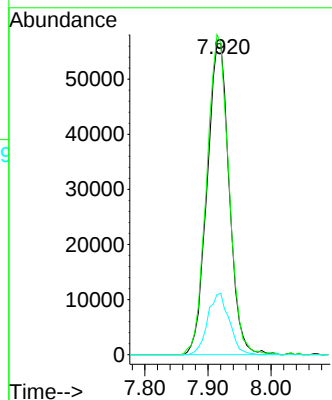
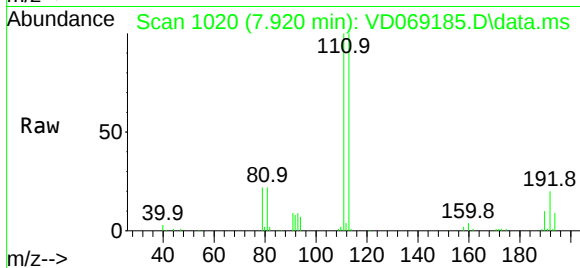
Tgt Ion:113 Resp: 137787

Ion Ratio Lower Upper

113 100

111 103.1 80.6 120.8

192 19.1 14.8 22.2



#50

Toluene-d8

Concen: 56.90 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VD069185.D

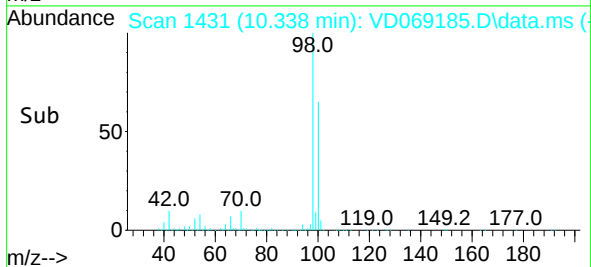
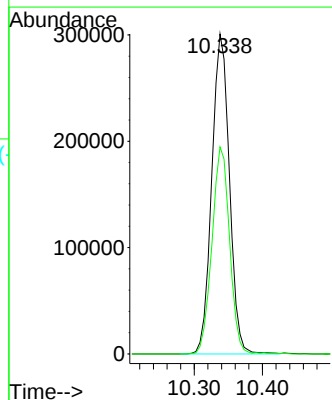
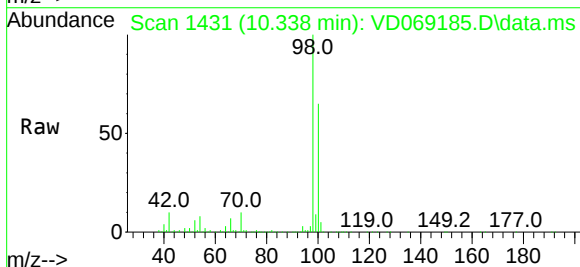
Acq: 14 May 2021 19:13

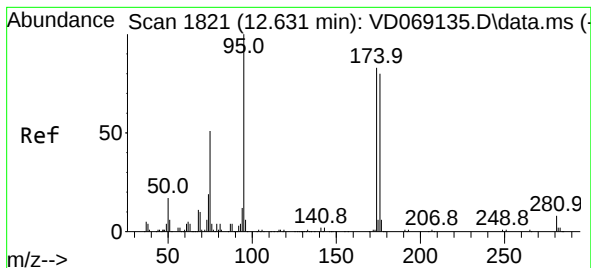
Tgt Ion: 98 Resp: 541367

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8

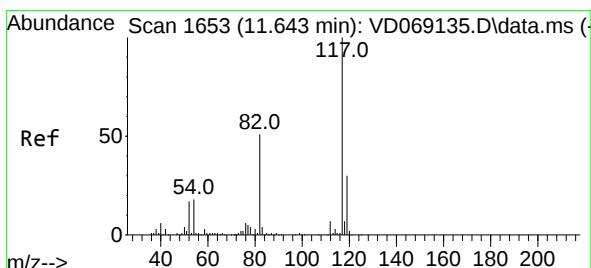
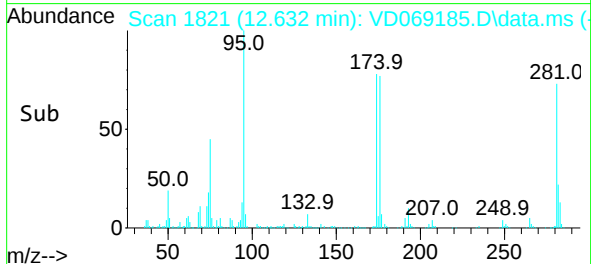
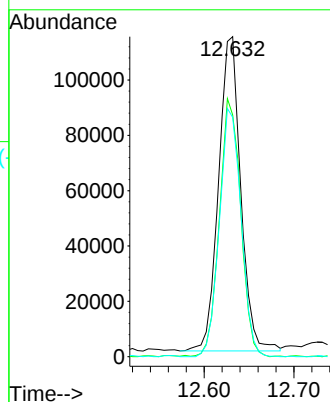
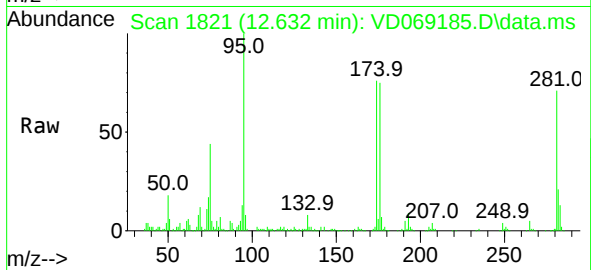




#62
4-Bromofluorobenzene
Concen: 63.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069185.D
Acq: 14 May 2021 19:13

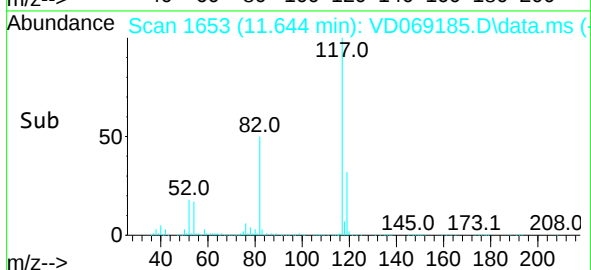
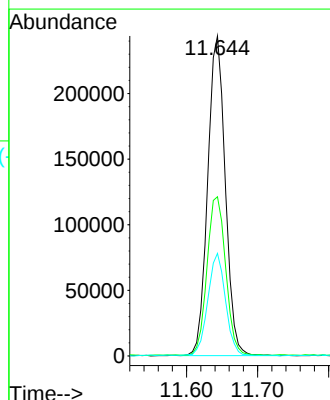
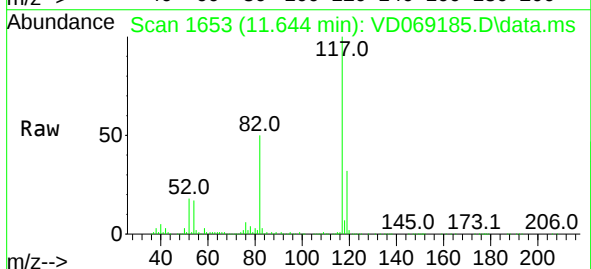
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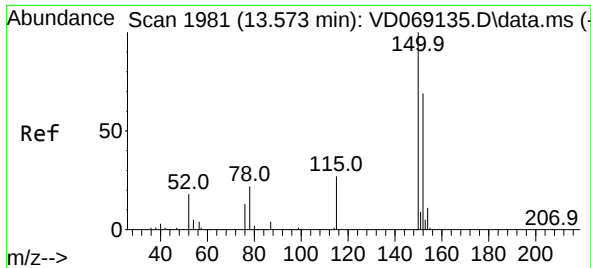
Tgt Ion: 95 Resp: 194582
Ion Ratio Lower Upper
95 100
174 78.4 0.0 171.8
176 77.4 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069185.D
Acq: 14 May 2021 19:13

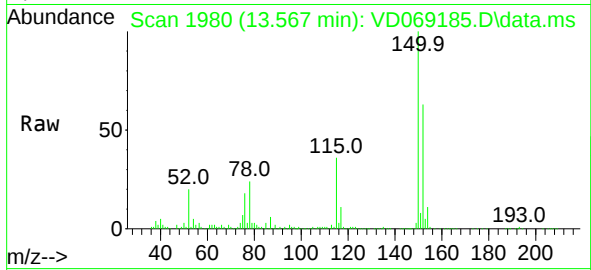
Tgt Ion: 117 Resp: 419356
Ion Ratio Lower Upper
117 100
82 49.5 40.5 60.7
119 32.0 24.2 36.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD069185.D
 Acq: 14 May 2021 19:13

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26598



Tgt Ion:152 Resp: 192961
 Ion Ratio Lower Upper
 152 100
 115 58.7 29.9 89.8
 150 157.7 0.0 350.2

