

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069182.D
 Acq On : 14 May 2021 17:48
 Operator : VA/SY
 Sample : M2409-01
 Misc : 6.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-06

Quant Time: May 15 02:36:27 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)

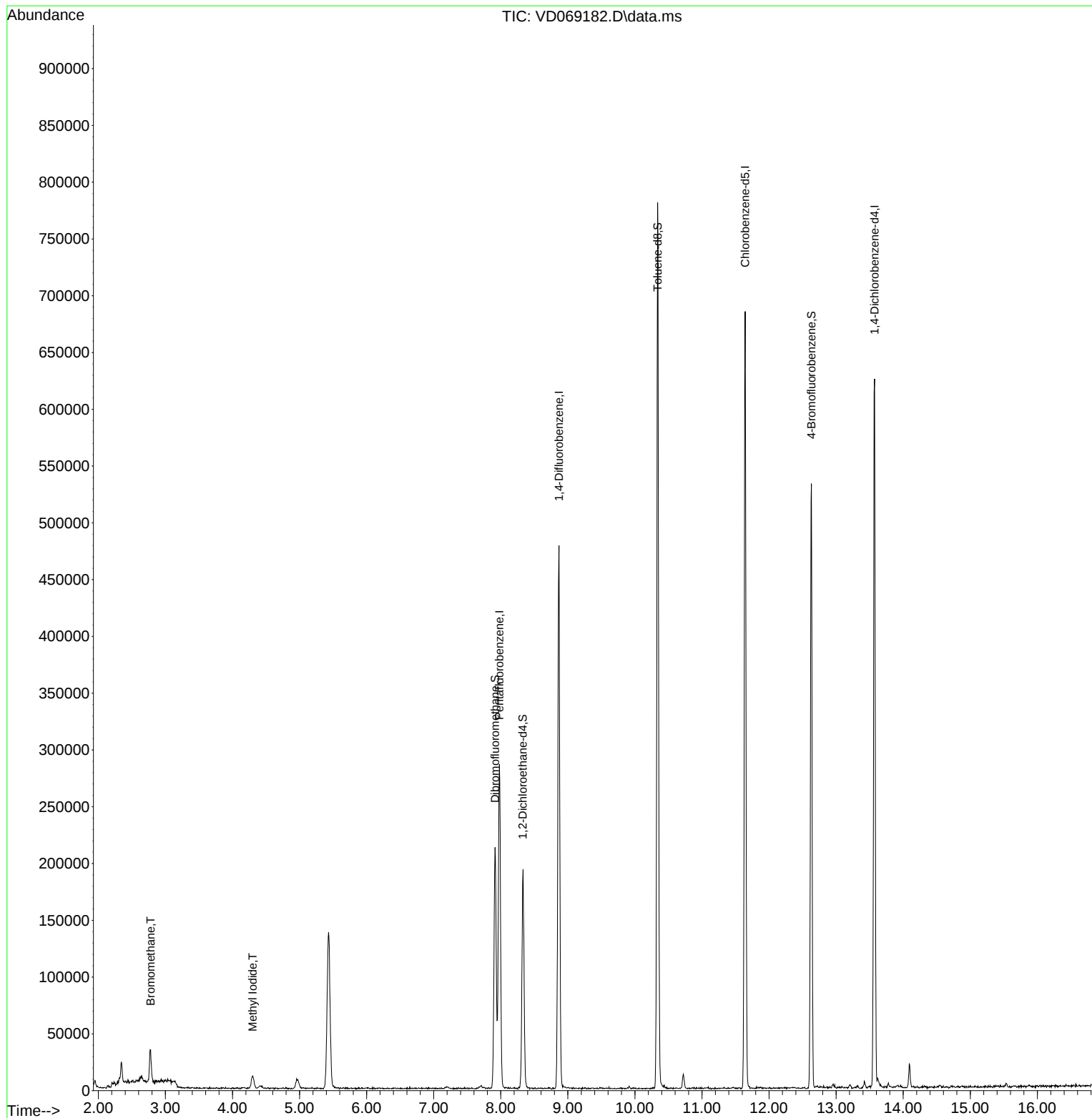
Internal Standards						
1) Pentafluorobenzene	7.979	168	210855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	413885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	401858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	174819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	146343	69.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.46%
35) Dibromofluoromethane	7.914	113	151438	56.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.44%
50) Toluene-d8	10.338	98	533016	53.86	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.72%
62) 4-Bromofluorobenzene	12.632	95	158110	49.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.30%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	19507	7.64	ug/l	95
10) Methyl Iodide	4.303	142	18181	8.23	ug/l	99

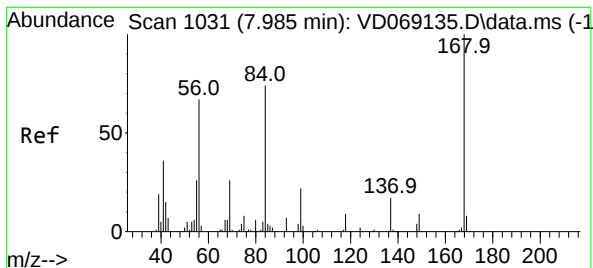
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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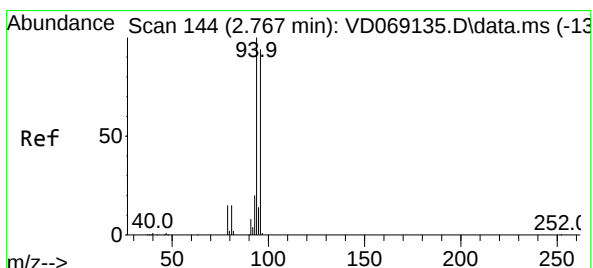
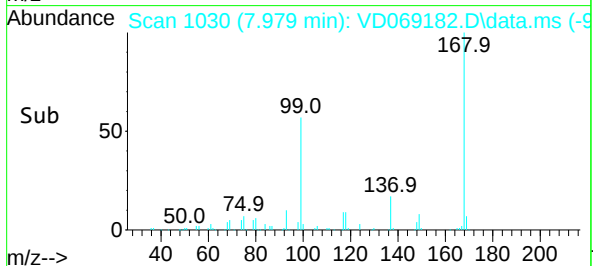
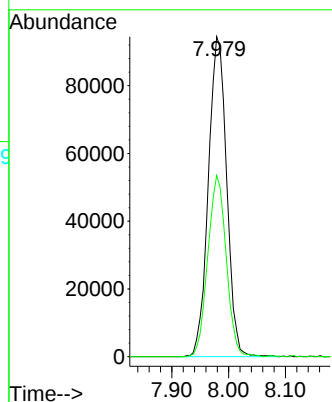
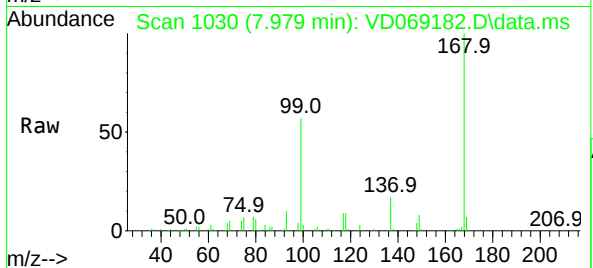




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

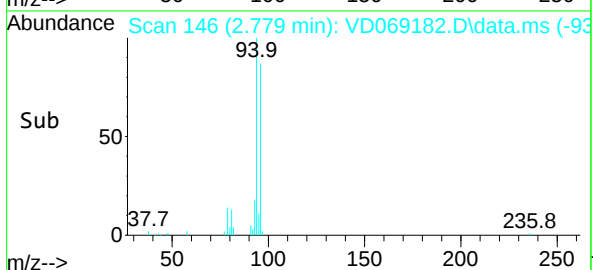
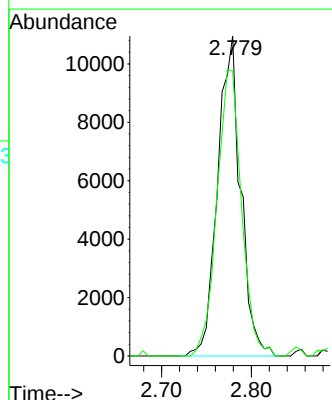
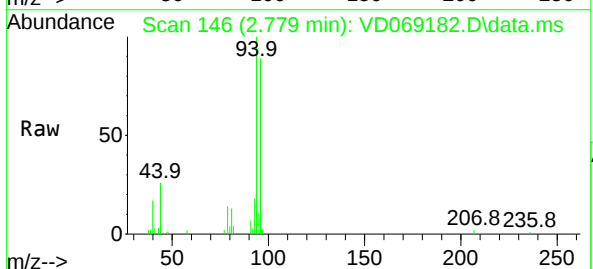
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

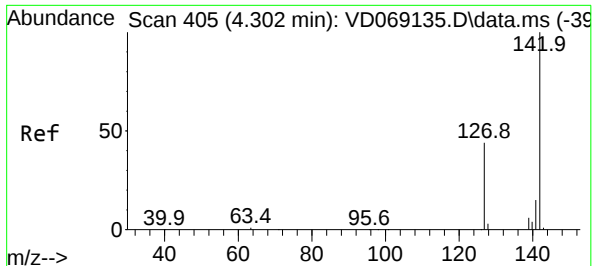
Tgt Ion:168 Resp: 210855
Ion Ratio Lower Upper
168 100
99 56.6 47.2 70.8



#5
Bromomethane
Concen: 7.64 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

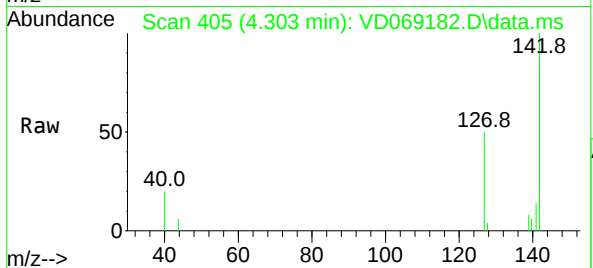
Tgt Ion: 94 Resp: 19507
Ion Ratio Lower Upper
94 100
96 88.9 75.4 113.0



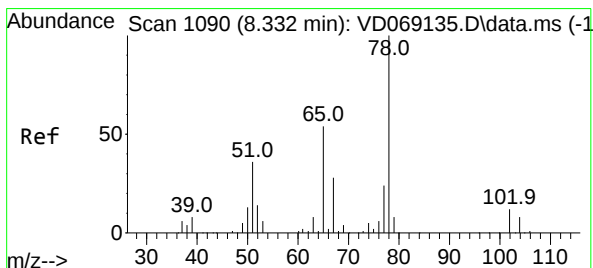
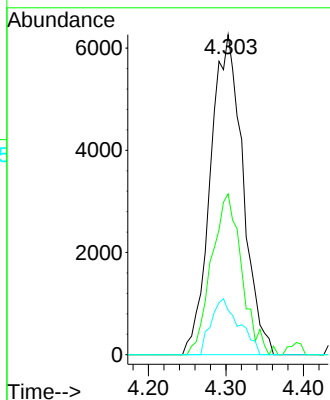
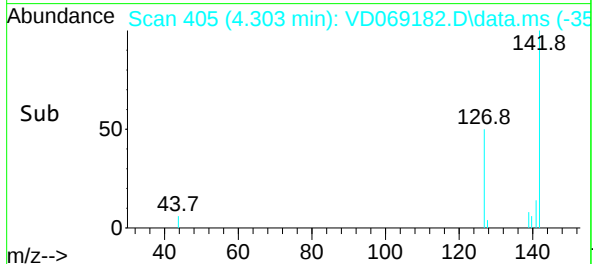


#10
Methyl Iodide
Concen: 8.23 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

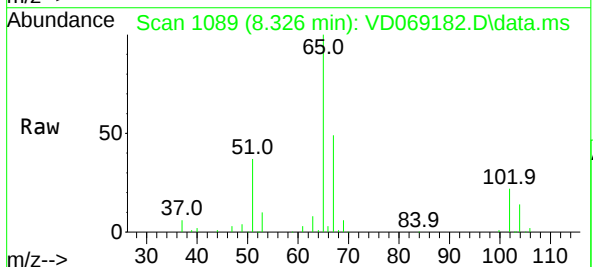
Instrument :
MSVOA_D
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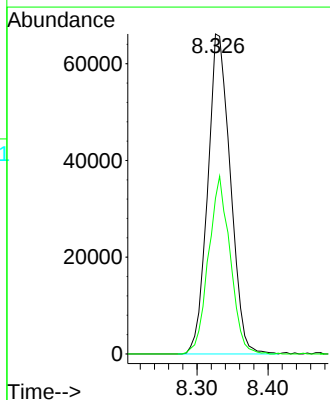
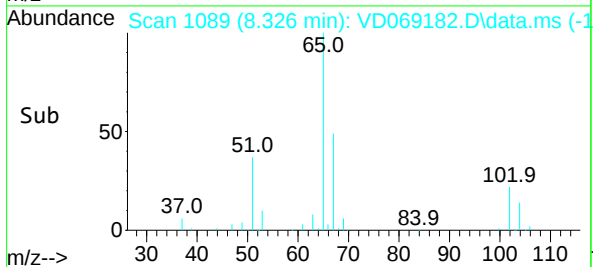
Tgt Ion:142 Resp: 18181
Ion Ratio Lower Upper
142 100
127 47.0 37.3 55.9
141 15.1 12.2 18.4

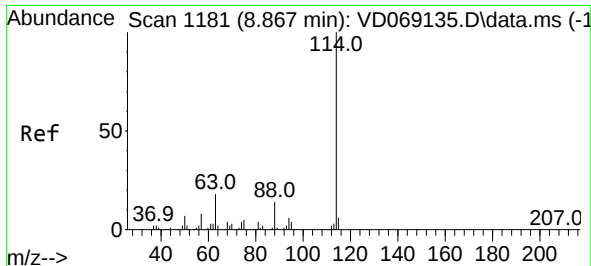


#33
1,2-Dichloroethane-d4
Concen: 69.23 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48



Tgt Ion: 65 Resp: 146343
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.0

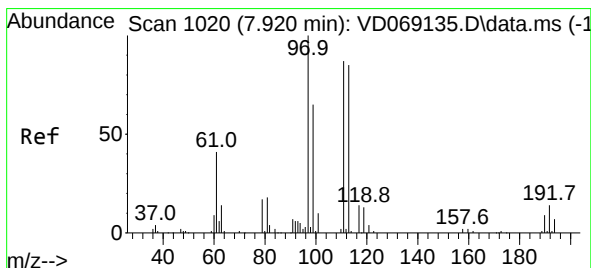
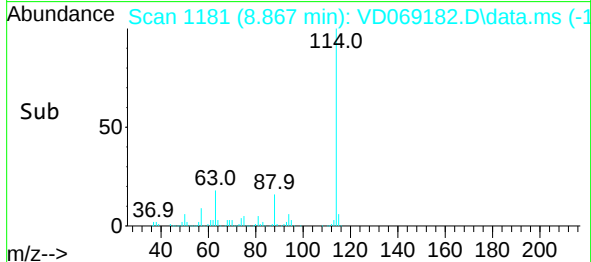
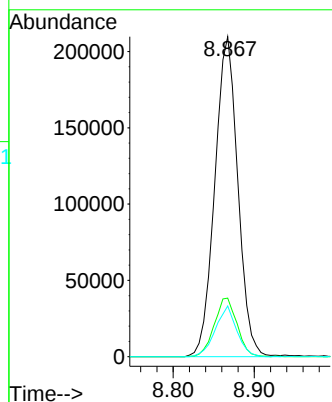
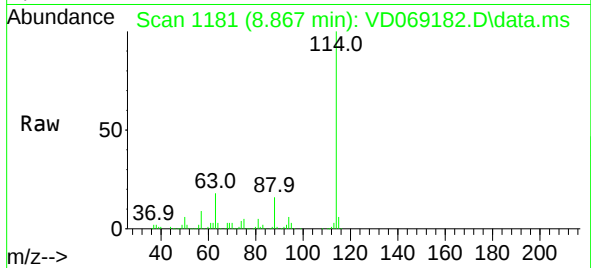




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

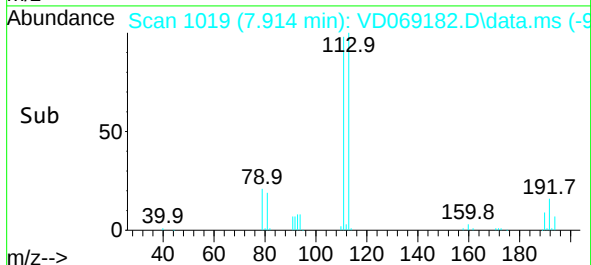
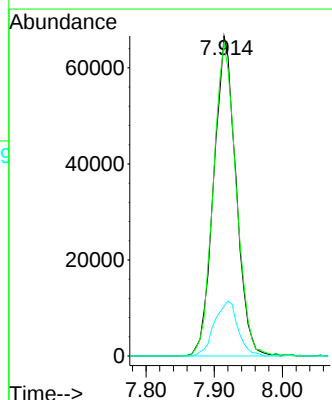
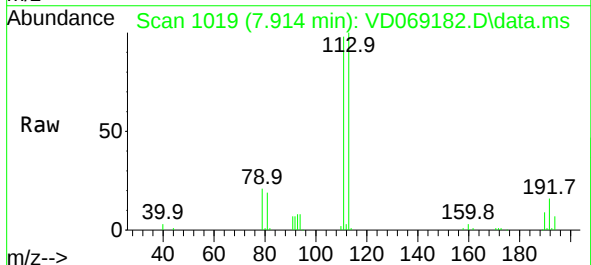
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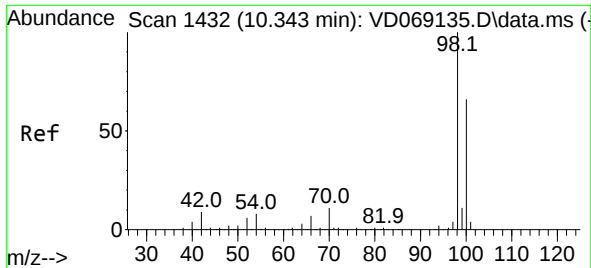
Tgt Ion:114 Resp: 413885
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.4
88 15.9 0.0 28.2



#35
Dibromofluoromethane
Concen: 56.22 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

Tgt Ion:113 Resp: 151438
Ion Ratio Lower Upper
113 100
111 100.9 80.6 120.8
192 18.1 14.8 22.2

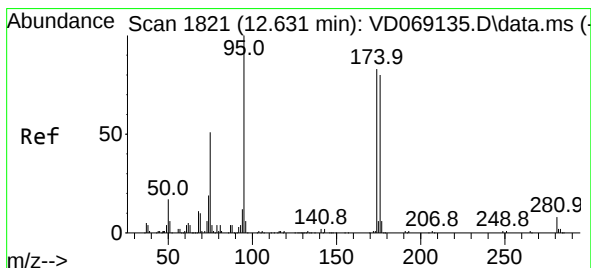
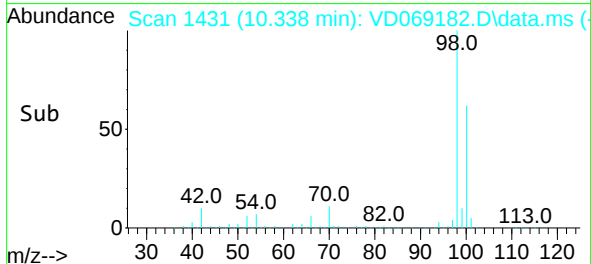
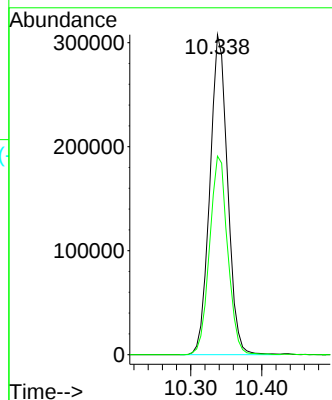
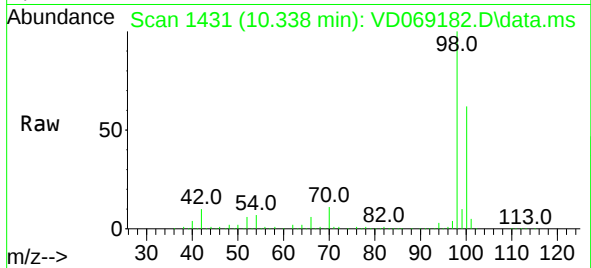




#50
Toluene-d8
Concen: 53.86 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

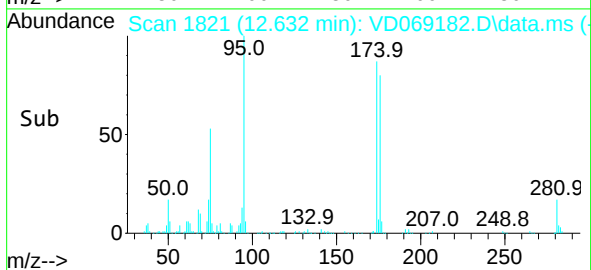
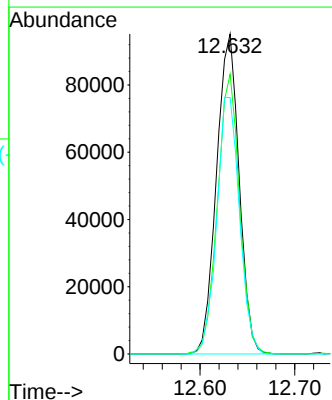
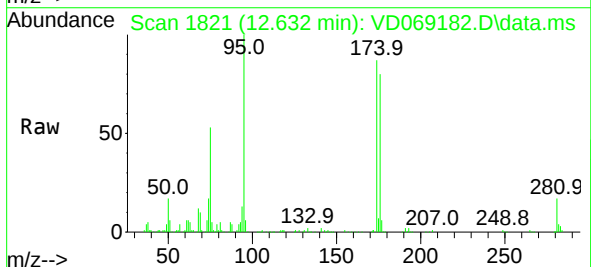
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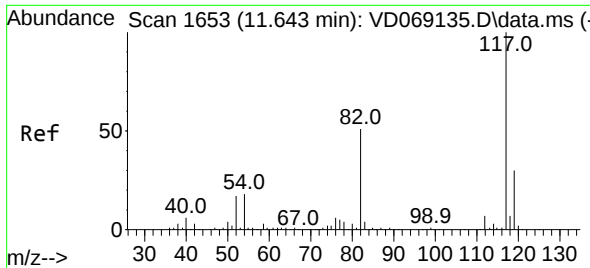
Tgt Ion: 98 Resp: 533016
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 49.65 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

Tgt Ion: 95 Resp: 158110
Ion Ratio Lower Upper
95 100
174 85.2 0.0 171.8
176 80.6 0.0 165.4

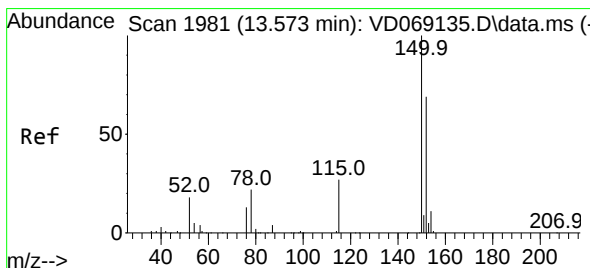
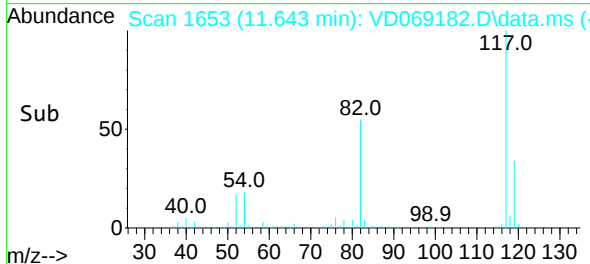
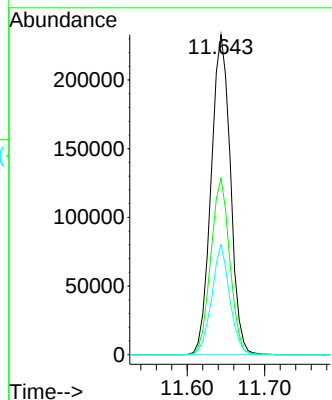
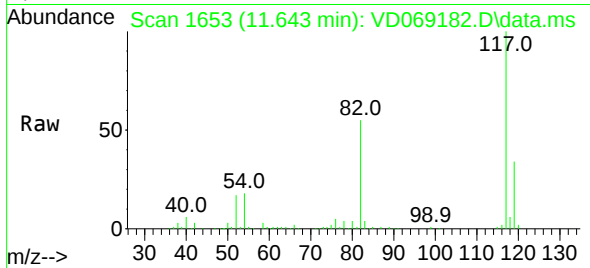




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

Tgt Ion:117 Resp: 401858
Ion Ratio Lower Upper
117 100
82 55.2 40.5 60.7
119 34.3 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

Tgt Ion:152 Resp: 174819
Ion Ratio Lower Upper
152 100
115 58.5 29.9 89.8
150 155.6 0.0 350.2

