

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092421\
 Data File : VD070452.D
 Acq On : 24 Sep 2021 14:00
 Operator : VA/SY
 Sample : M3920-02
 Misc : 7.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-839-R-SO-2-2.5-092321

Quant Time: Sep 25 03:08:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

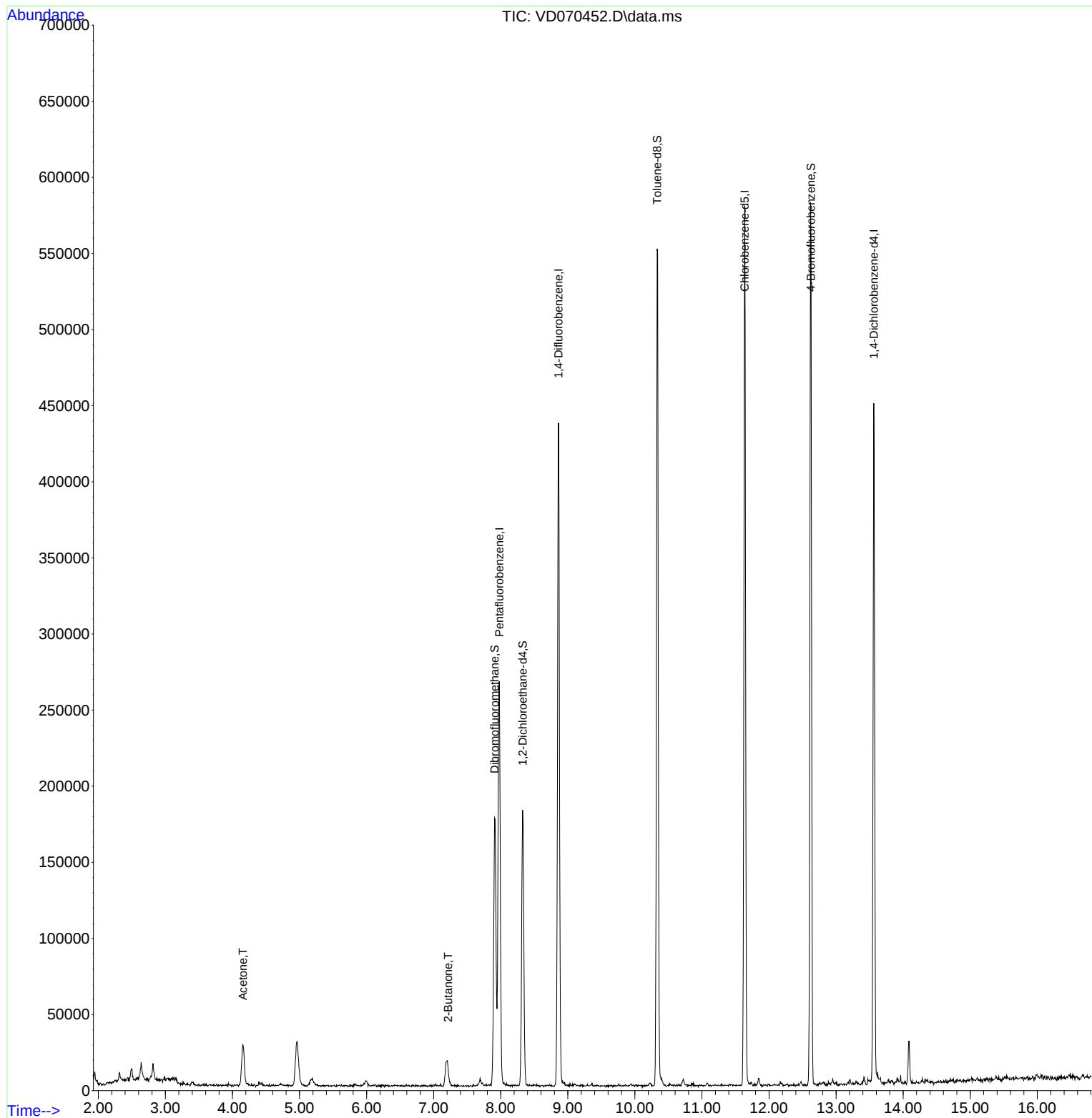
Internal Standards						
1) Pentafluorobenzene	7.979	168	193764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	372023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	346812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	119723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	142910	57.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.88%			
35) Dibromofluoromethane	7.908	113	134737	50.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.76%			
50) Toluene-d8	10.332	98	392208	40.79	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 81.58%			
62) 4-Bromofluorobenzene	12.626	95	116216	34.59	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 69.18%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	46477	104.63	ug/l	91
25) 2-Butanone	7.214	43	8240	13.94	ug/l	93

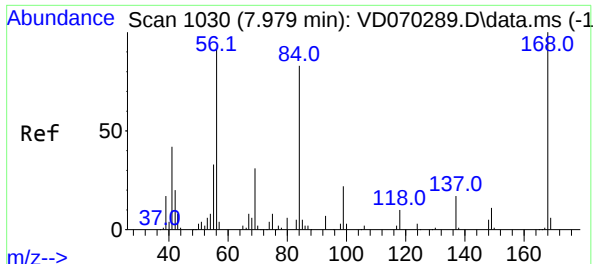
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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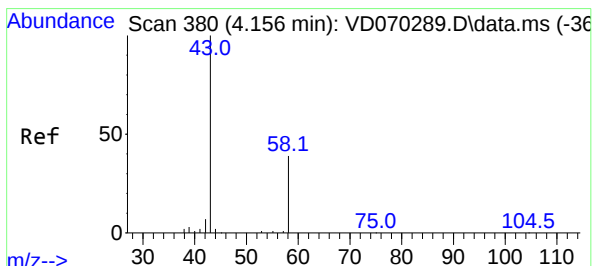
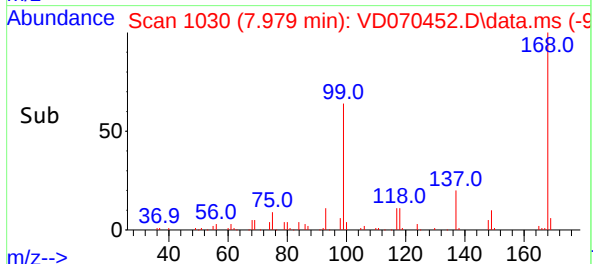
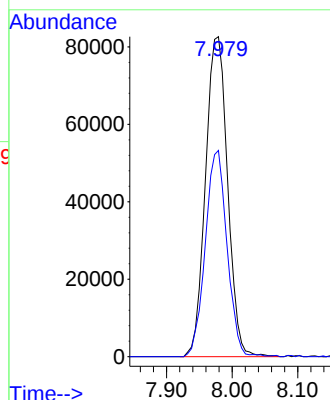
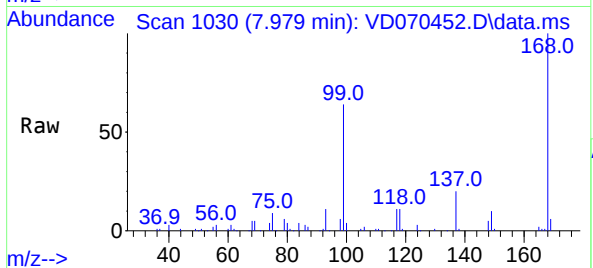




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070452.D
Acq: 24 Sep 2021 14:00

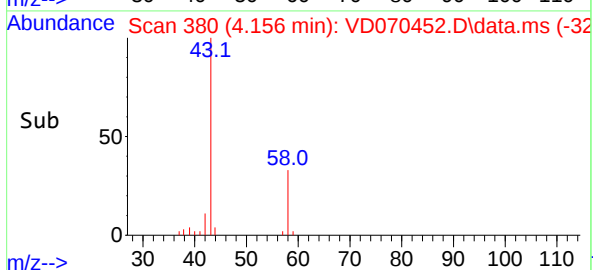
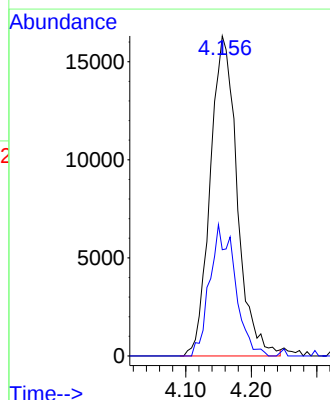
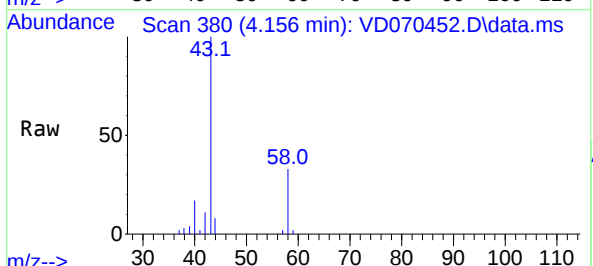
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321

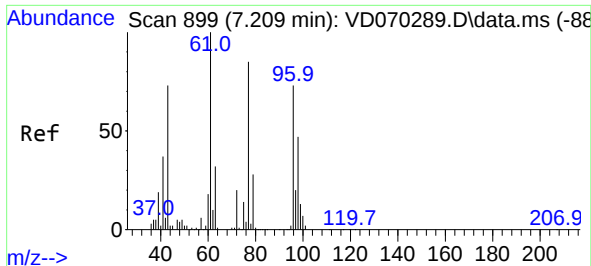
Tgt Ion:168 Resp: 193764
Ion Ratio Lower Upper
168 100
99 64.4 50.8 76.2



#16
Acetone
Concen: 104.63 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070452.D
Acq: 24 Sep 2021 14:00

Tgt Ion: 43 Resp: 46477
Ion Ratio Lower Upper
43 100
58 33.2 30.9 46.3

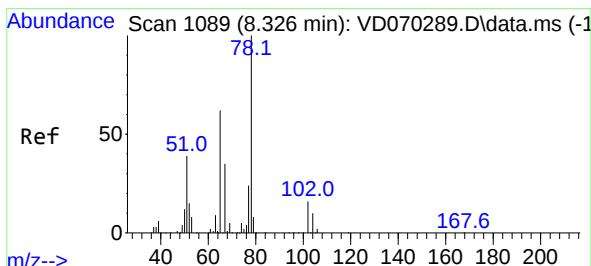
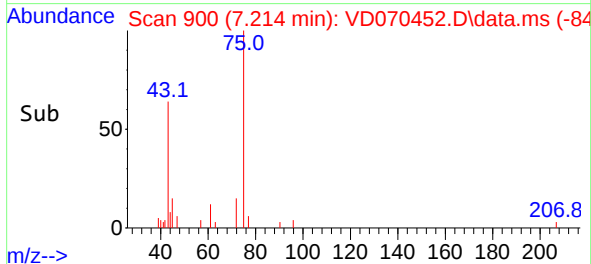
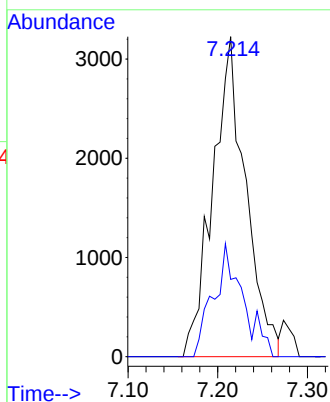
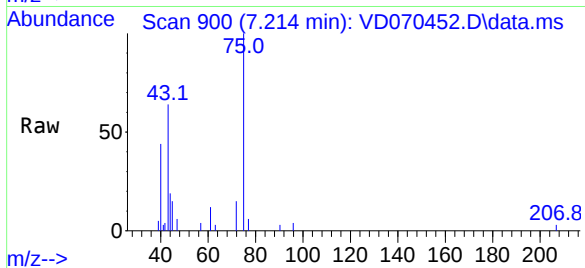




#25
2-Butanone
Concen: 13.94 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070452.D
Acq: 24 Sep 2021 14:00

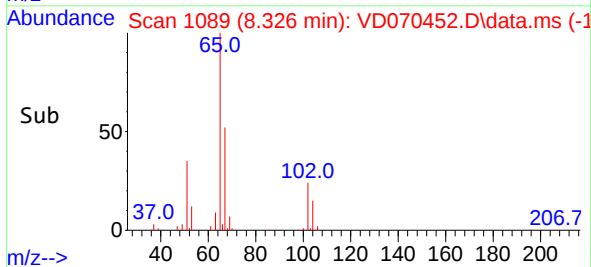
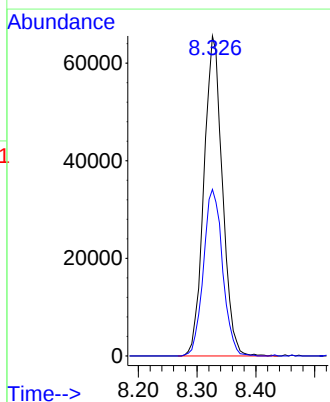
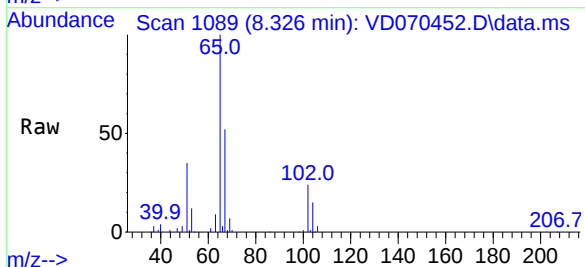
Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321

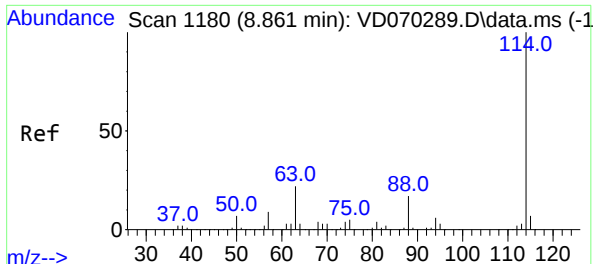
Tgt Ion: 43 Resp: 8240
Ion Ratio Lower Upper
43 100
72 24.2 22.2 33.4



#33
1,2-Dichloroethane-d4
Concen: 57.44 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070452.D
Acq: 24 Sep 2021 14:00

Tgt Ion: 65 Resp: 142910
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070452.D

Acq: 24 Sep 2021 14:00

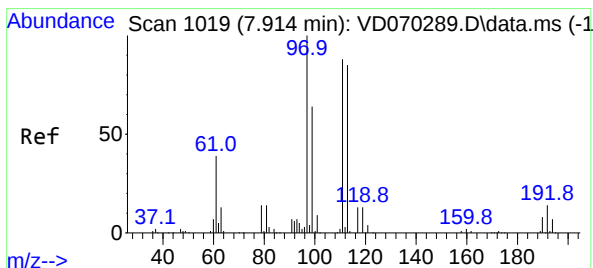
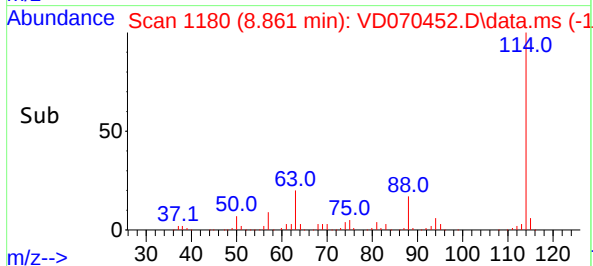
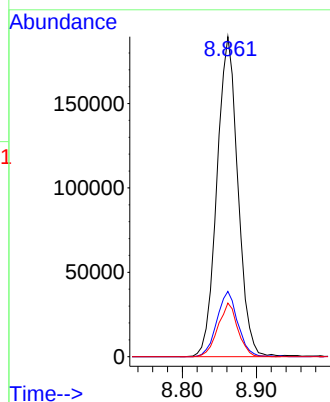
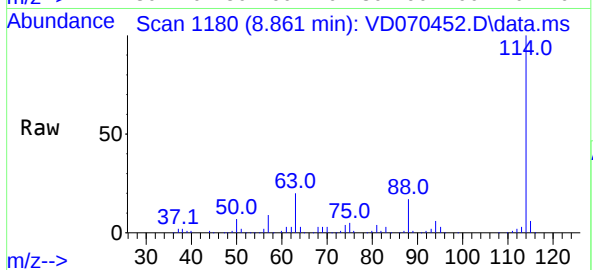
Tgt Ion:114 Resp: 372023

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.4

88 16.7 0.0 33.4



#35

Dibromofluoromethane

Concen: 50.88 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070452.D

Acq: 24 Sep 2021 14:00

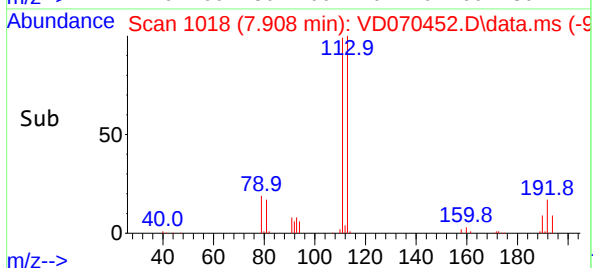
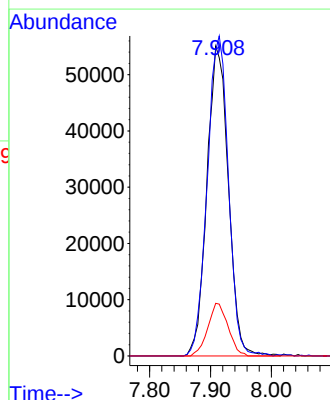
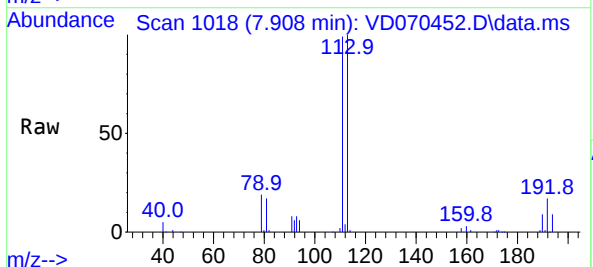
Tgt Ion:113 Resp: 134737

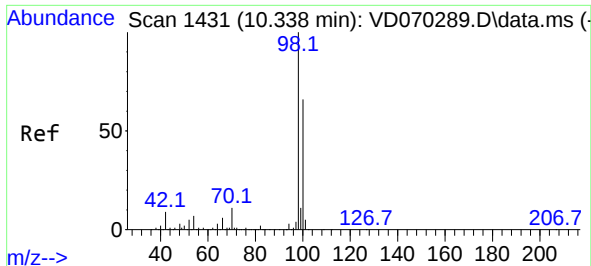
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.2

192 16.0 13.0 19.6

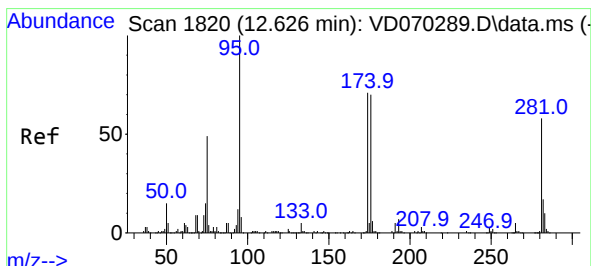
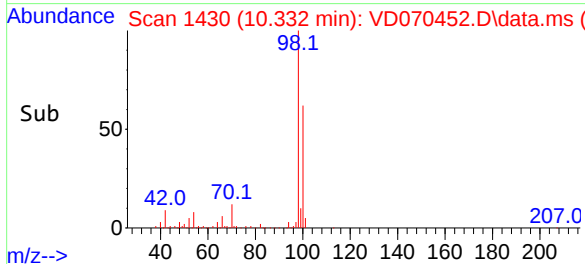
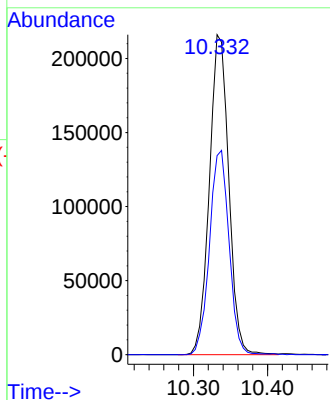
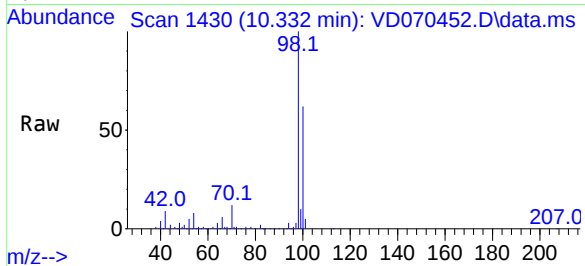




#50
Toluene-d8
Concen: 40.79 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070452.D
Acq: 24 Sep 2021 14:00

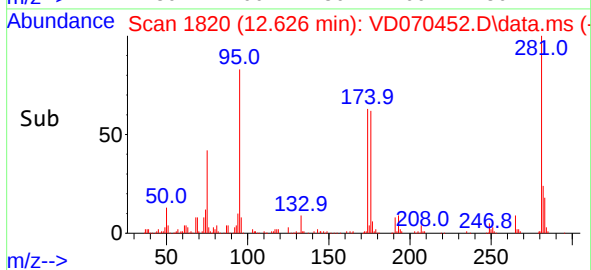
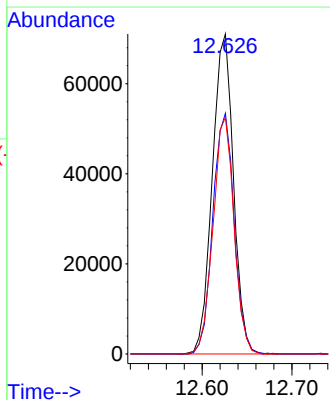
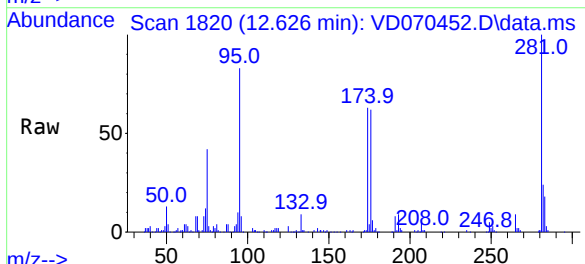
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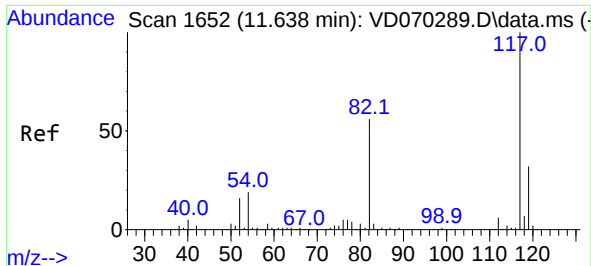
Tgt Ion: 98 Resp: 392208
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.59 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070452.D
Acq: 24 Sep 2021 14:00

Tgt Ion: 95 Resp: 116216
Ion Ratio Lower Upper
95 100
174 75.8 0.0 140.6
176 73.4 0.0 137.4

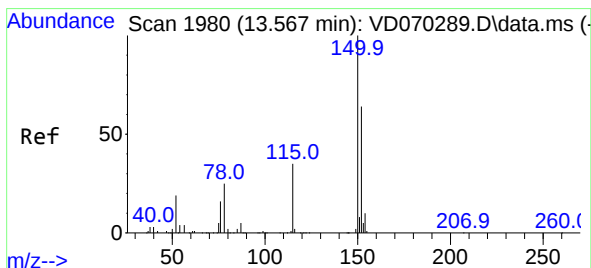
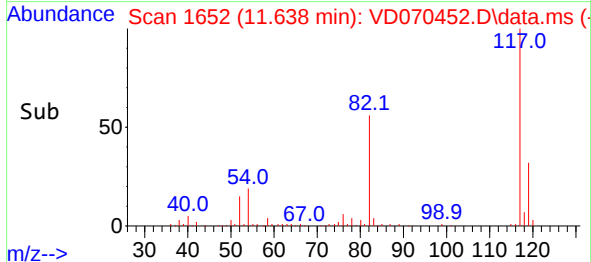
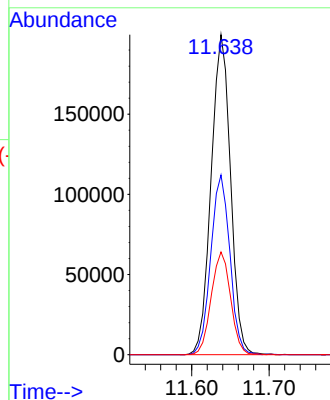
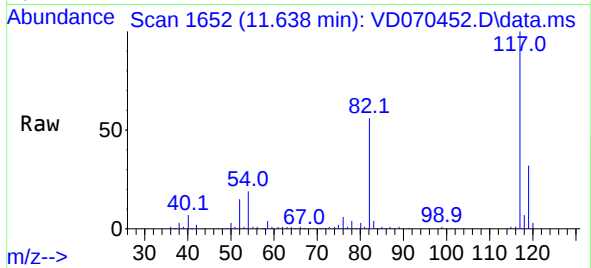




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070452.D
Acq: 24 Sep 2021 14:00

Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-2-2.5-092321

Tgt Ion:117 Resp: 346812
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070452.D
Acq: 24 Sep 2021 14:00

Tgt Ion:152 Resp: 119723
Ion Ratio Lower Upper
152 100
115 63.0 32.1 96.3
150 158.8 0.0 350.6

