

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070433.D
 Acq On : 22 Sep 2021 18:16
 Operator : VA/SY
 Sample : M3867-03RE
 Misc : 7.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-(7.0-8.0)RE

Quant Time: Sep 23 05:34:59 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)

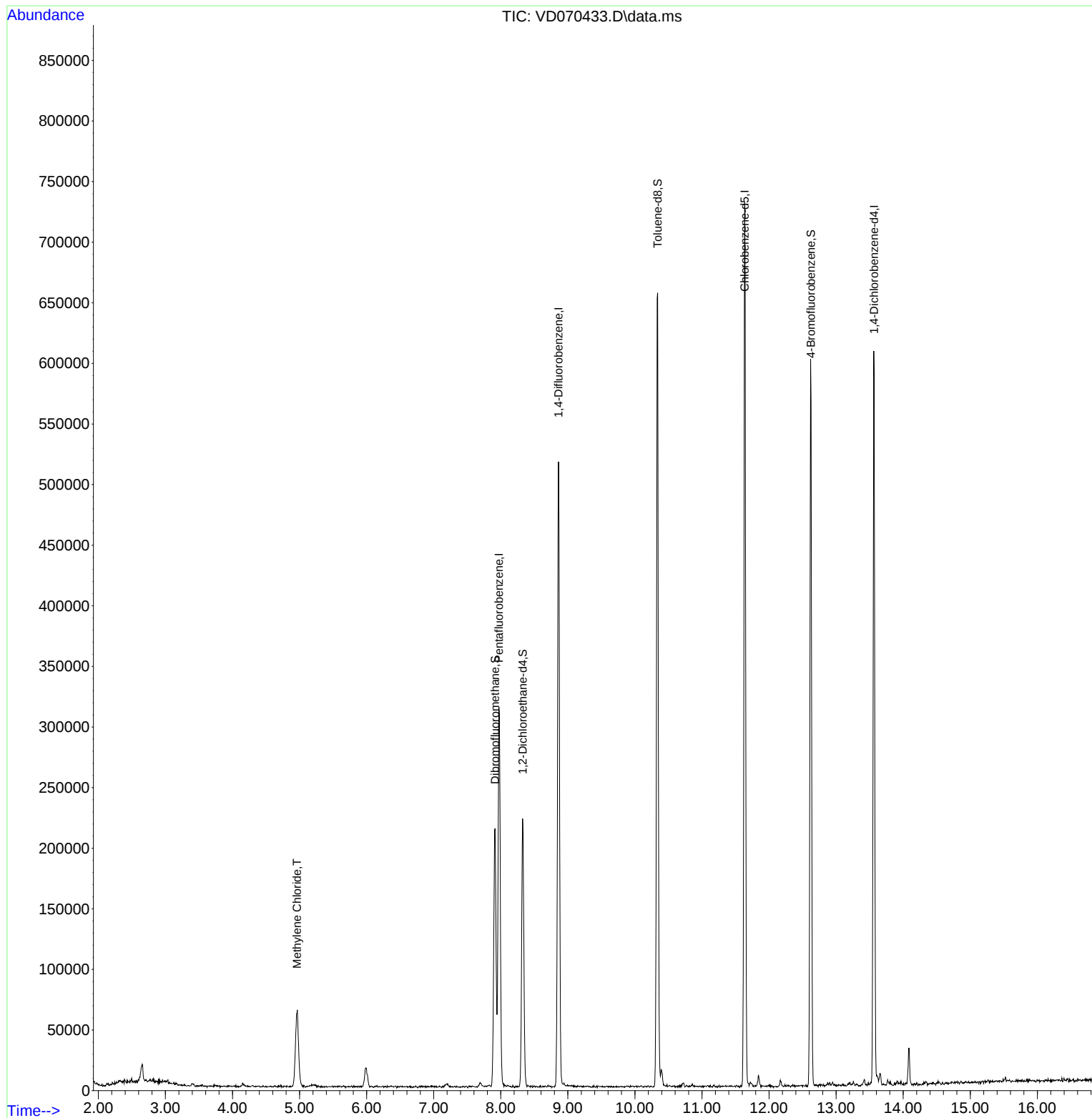
Internal Standards						
1) Pentafluorobenzene	7.973	168	222692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	445424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	439096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	162393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174527	61.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.080%
35) Dibromofluoromethane	7.914	113	160179	50.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.040%
50) Toluene-d8	10.338	98	462254	40.155	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.320%
62) 4-Bromofluorobenzene	12.626	95	145262	36.106	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.220%
Target Compounds						Qvalue
20) Methylene Chloride	4.961	84	52815	10.925	ug/l	94

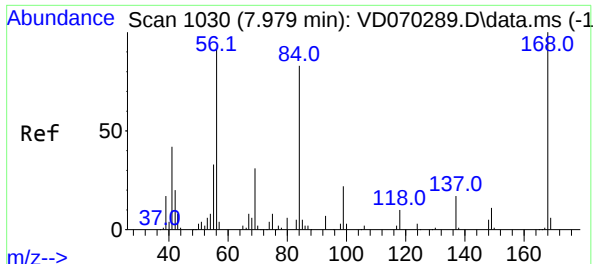
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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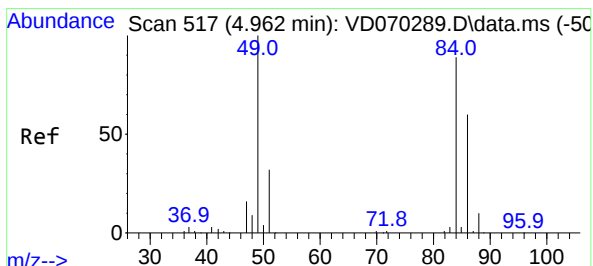
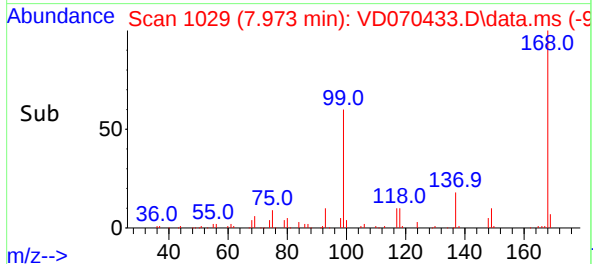
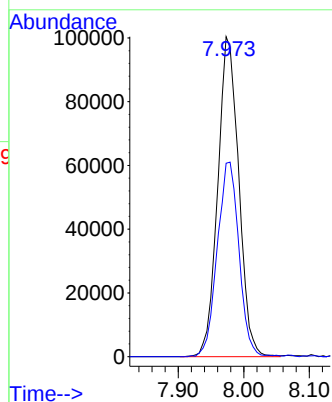
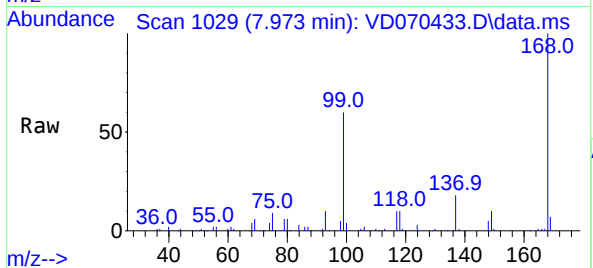




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070433.D
Acq: 22 Sep 2021 18:16

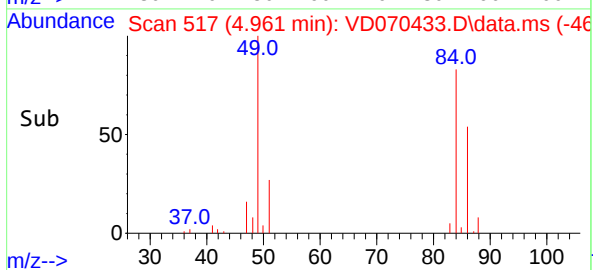
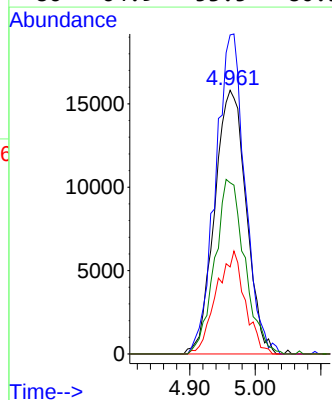
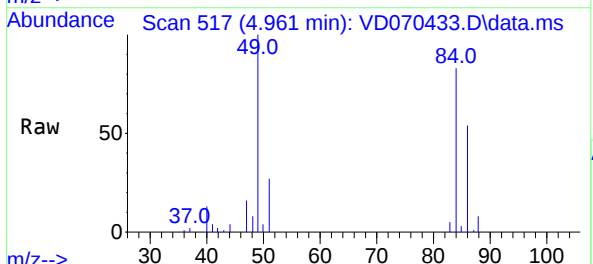
Instrument :
MSVOA_D
ClientSampleId :
SB-3-(7.0-8.0)RE

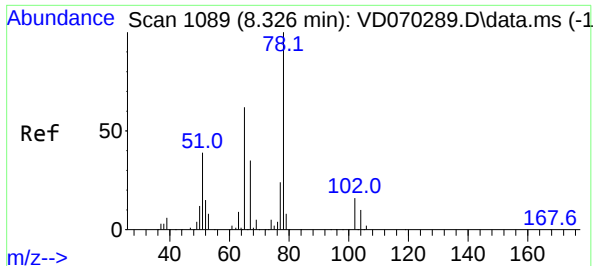
Tgt Ion:168 Resp: 222692
Ion Ratio Lower Upper
168 100
99 60.5 50.8 76.2



#20
Methylene Chloride
Concen: 10.925 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070433.D
Acq: 22 Sep 2021 18:16

Tgt Ion: 84 Resp: 52815
Ion Ratio Lower Upper
84 100
49 121.0 89.6 134.4
51 33.0 28.6 43.0
86 64.9 53.5 80.3



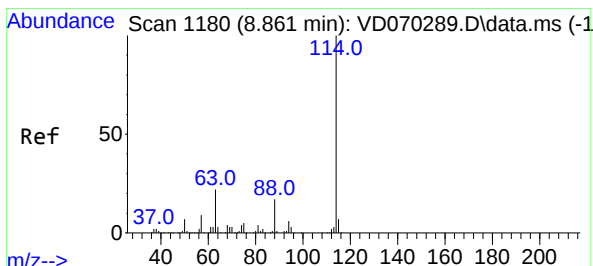
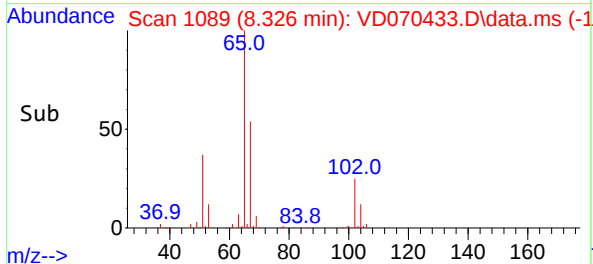
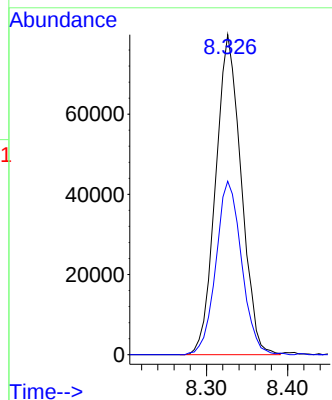
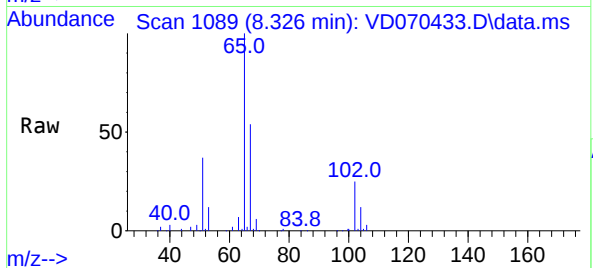


#33

1,2-Dichloroethane-d4
Concen: 61.036 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070433.D
Acq: 22 Sep 2021 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-3-(7.0-8.0)RE

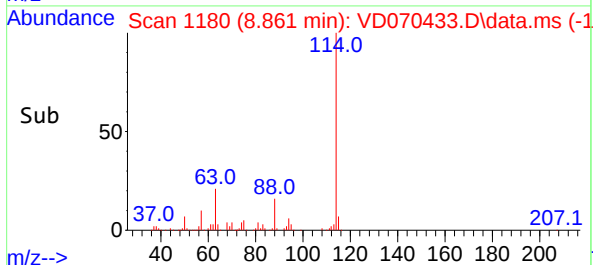
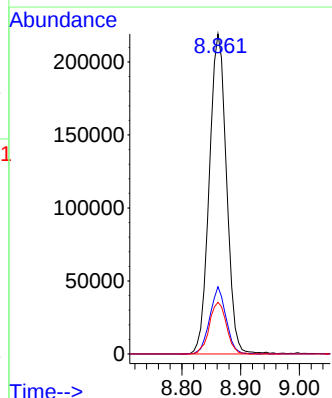
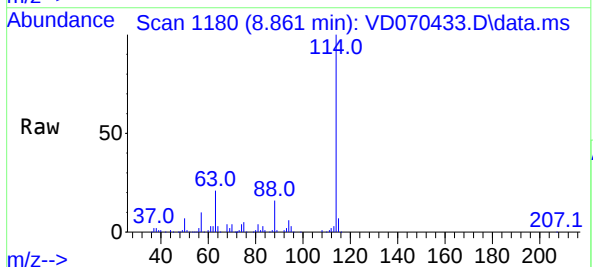
Tgt Ion: 65 Resp: 174527
Ion Ratio Lower Upper
65 100
67 54.6 0.0 111.4

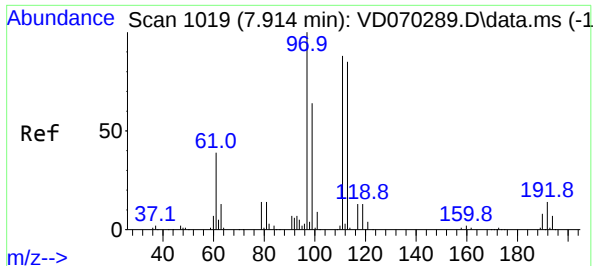


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070433.D
Acq: 22 Sep 2021 18:16

Tgt Ion:114 Resp: 445424
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.4
88 16.2 0.0 33.4

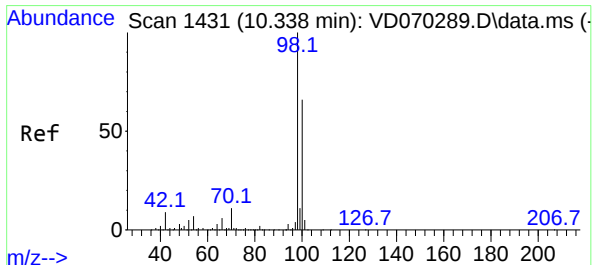
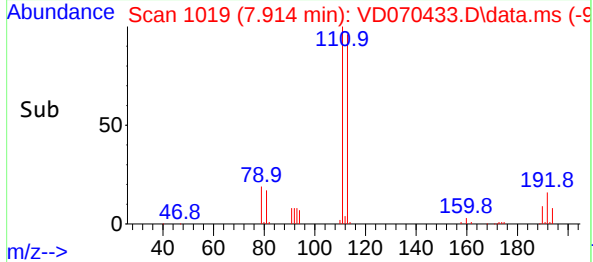
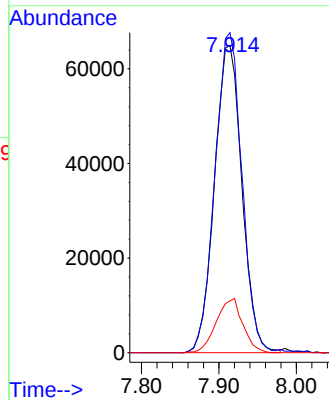
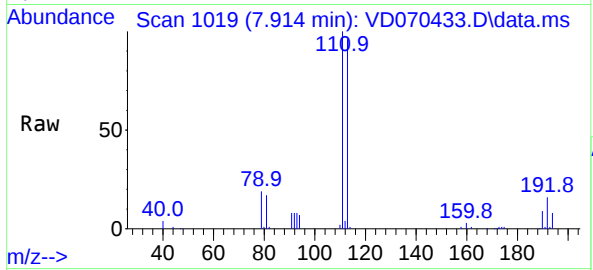




#35
Dibromofluoromethane
Concen: 50.520 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070433.D
Acq: 22 Sep 2021 18:16

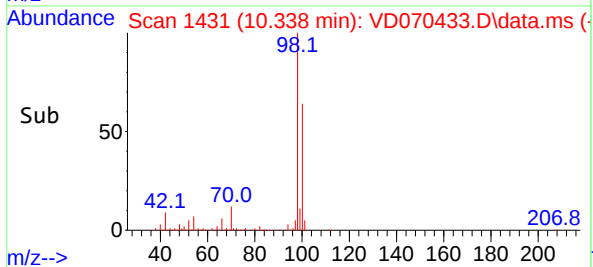
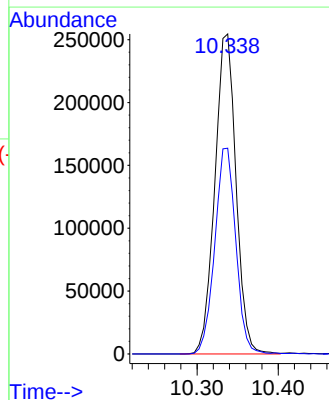
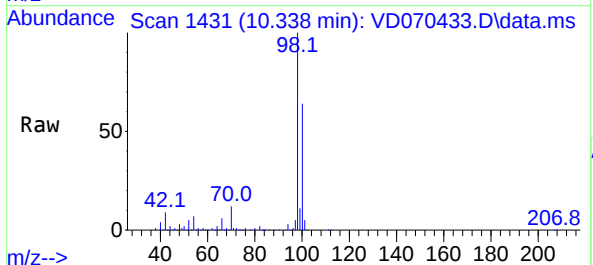
Instrument :
MSVOA_D
ClientSampleId :
SB-3-(7.0-8.0)RE

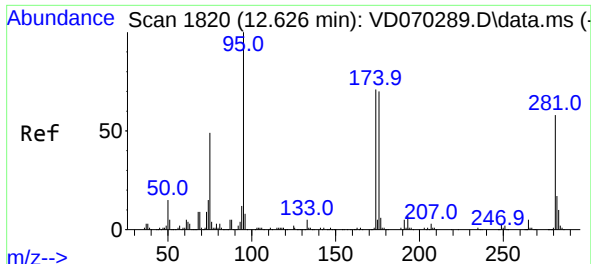
Tgt Ion:113 Resp: 160179
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.2
192 17.0 13.0 19.6



#50
Toluene-d8
Concen: 40.155 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070433.D
Acq: 22 Sep 2021 18:16

Tgt Ion: 98 Resp: 462254
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

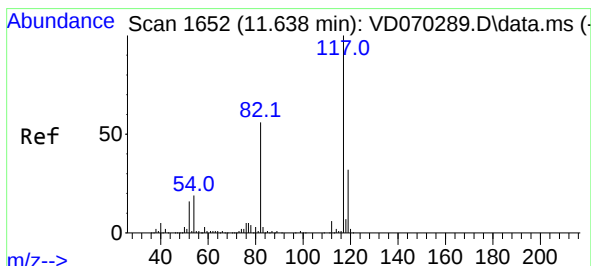
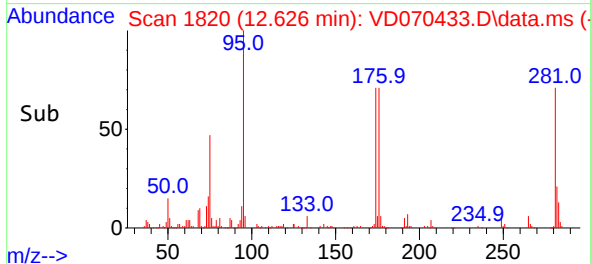
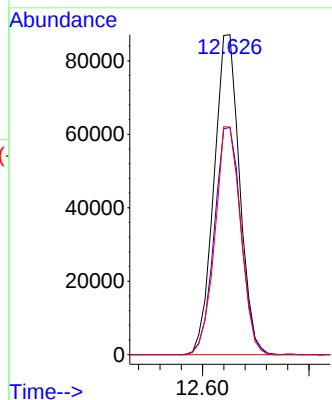
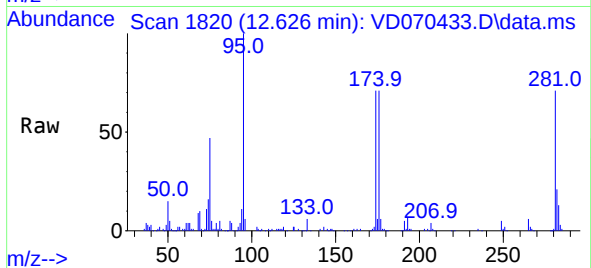




#62
4-Bromofluorobenzene
Concen: 36.106 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070433.D
Acq: 22 Sep 2021 18:16

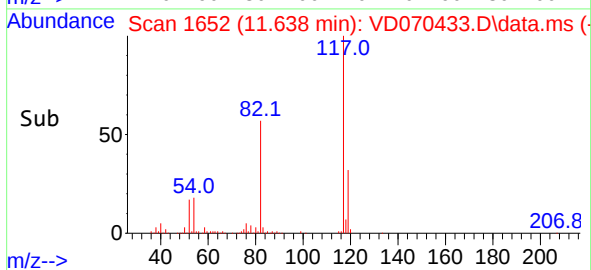
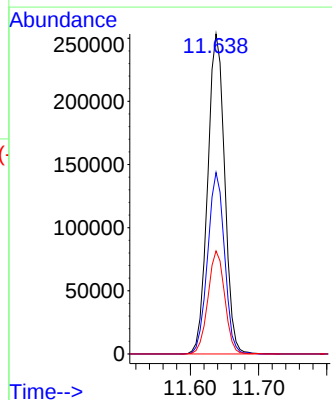
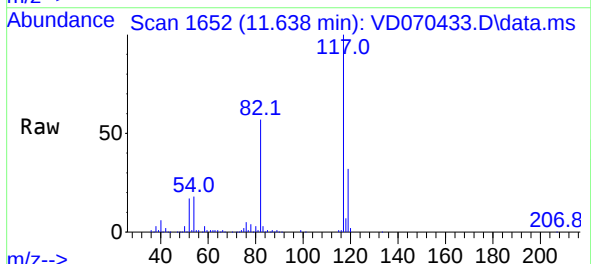
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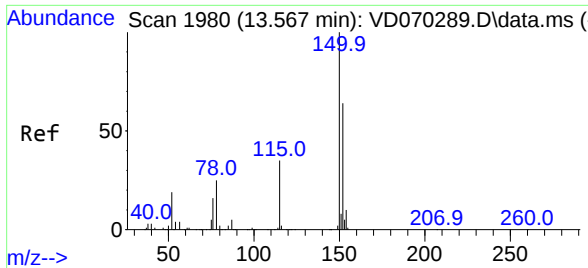
Tgt Ion: 95 Resp: 145262
Ion Ratio Lower Upper
95 100
174 74.3 0.0 140.6
176 71.6 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070433.D
Acq: 22 Sep 2021 18:16

Tgt Ion: 117 Resp: 439096
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 32.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070433.D
 Acq: 22 Sep 2021 18:16

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:152 Resp: 162393
 Ion Ratio Lower Upper
 152 100
 115 62.7 32.1 96.3
 150 155.9 0.0 350.6

