

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092421\
 Data File : VD070458.D
 Acq On : 24 Sep 2021 16:48
 Operator : VA/SY
 Sample : M3907-03RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-206RE

Quant Time: Sep 25 03:09:17 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)

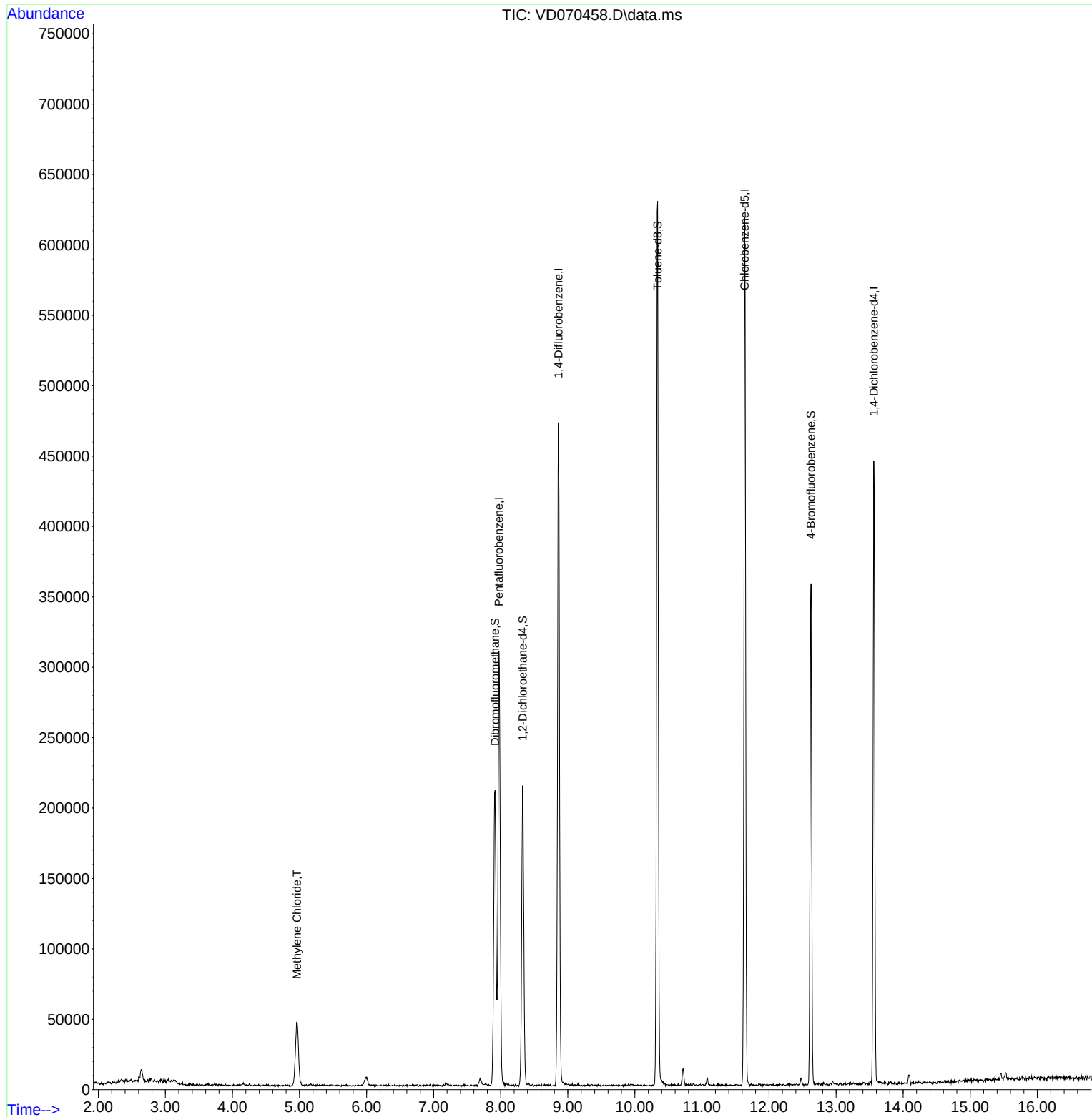
Internal Standards						
1) Pentafluorobenzene	7.973	168	214747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	410731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	378629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	122864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165477	60.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.02%	
35) Dibromofluoromethane	7.914	113	158512	54.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.44%	
50) Toluene-d8	10.338	98	449492	42.34	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.68%	
62) 4-Bromofluorobenzene	12.626	95	122262	32.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 65.92%	
Target Compounds						Qvalue
20) Methylene Chloride	4.962	84	39472	6.55	ug/l	93

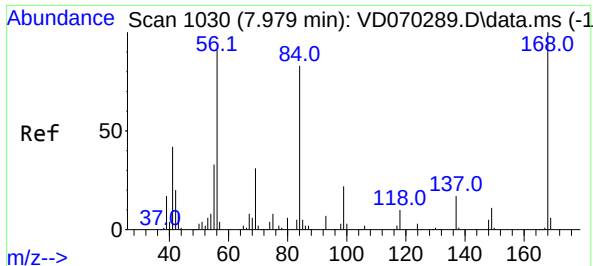
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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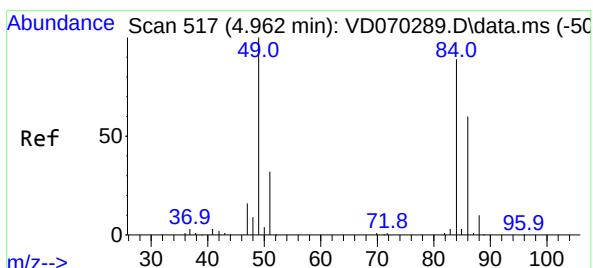
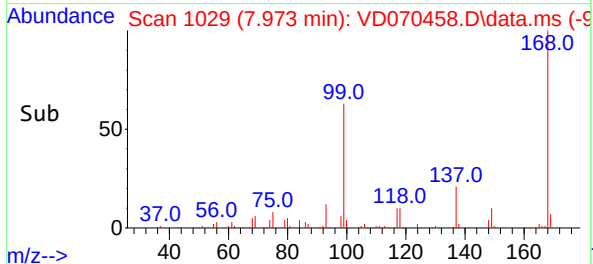
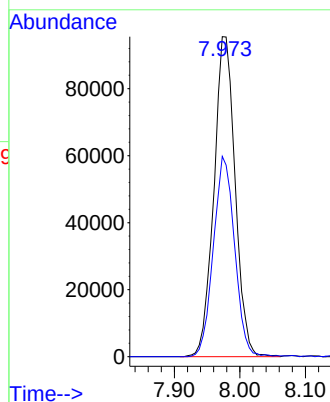
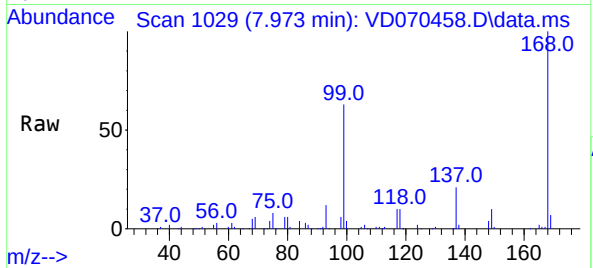




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070458.D
Acq: 24 Sep 2021 16:48

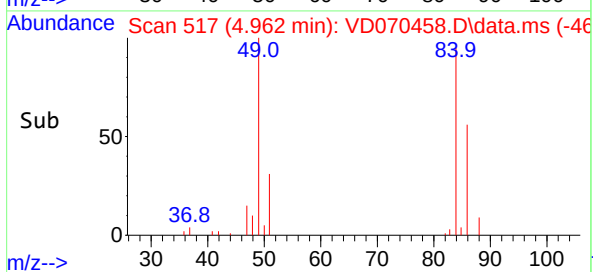
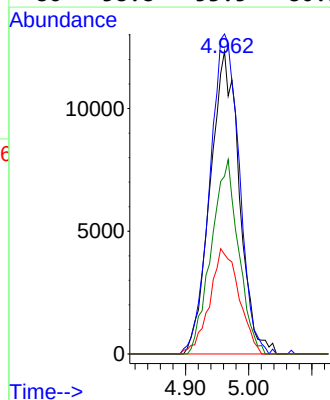
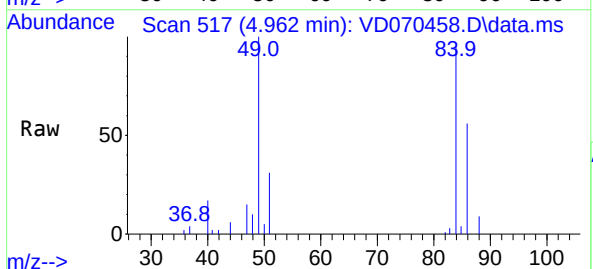
Instrument :
MSVOA_D
ClientSampleId :
RO-206RE

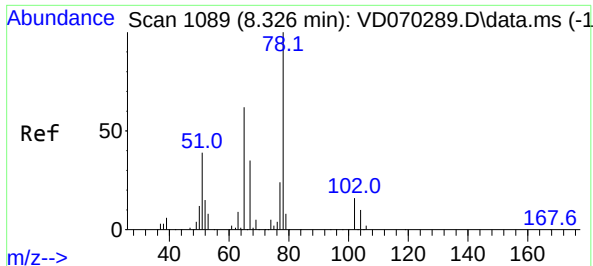
Tgt Ion:168 Resp: 214747
Ion Ratio Lower Upper
168 100
99 62.6 50.8 76.2



#20
Methylene Chloride
Concen: 6.55 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070458.D
Acq: 24 Sep 2021 16:48

Tgt Ion: 84 Resp: 39472
Ion Ratio Lower Upper
84 100
49 105.8 89.6 134.4
51 32.9 28.6 43.0
86 58.8 53.5 80.3

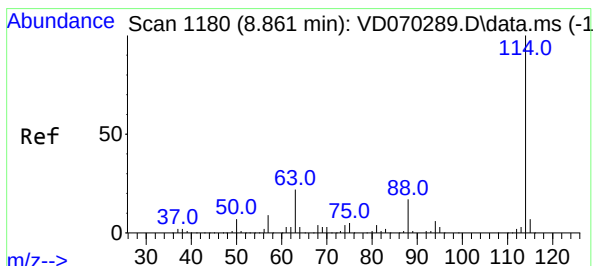
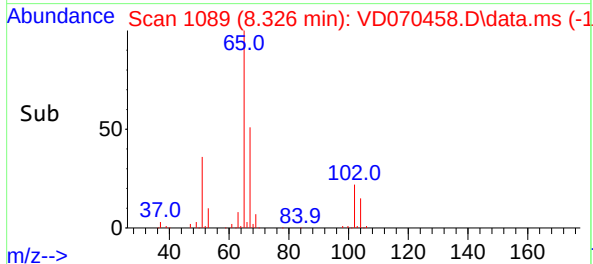
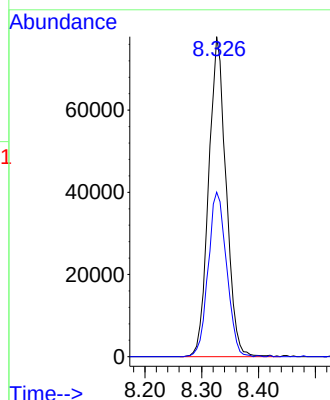
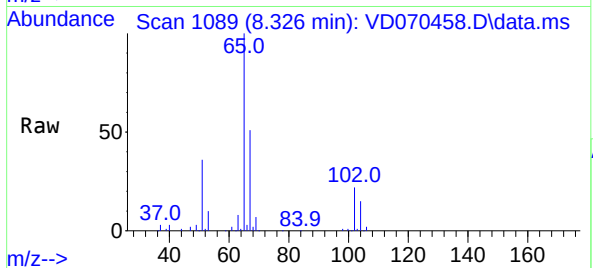




#33
1,2-Dichloroethane-d4
Concen: 60.01 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070458.D
Acq: 24 Sep 2021 16:48

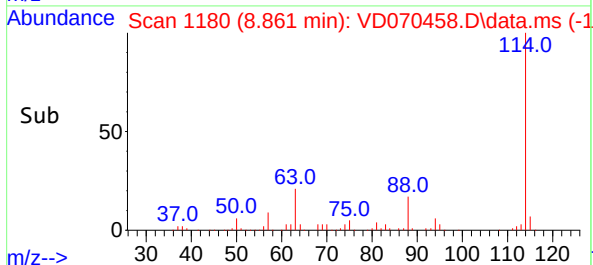
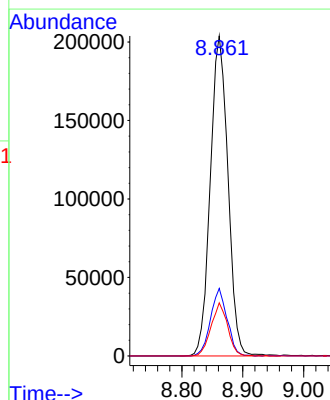
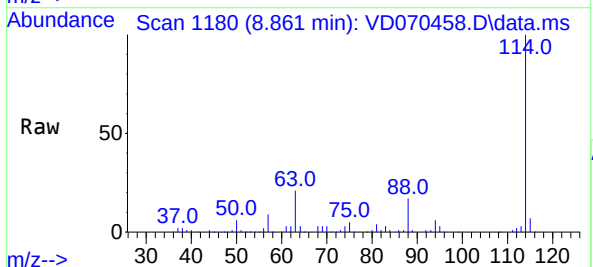
Instrument :
MSVOA_D
ClientSampleId :
RO-206RE

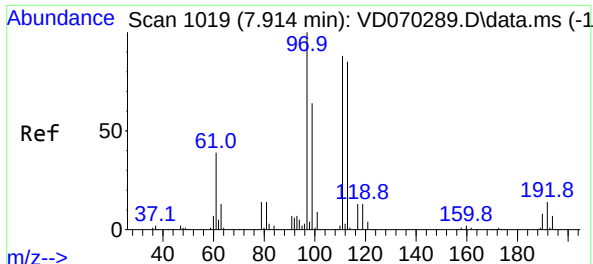
Tgt Ion: 65 Resp: 165477
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070458.D
Acq: 24 Sep 2021 16:48

Tgt Ion:114 Resp: 410731
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.4
88 16.6 0.0 33.4

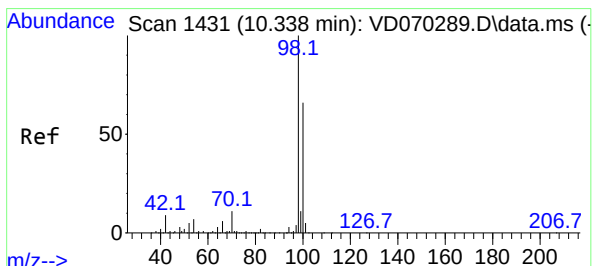
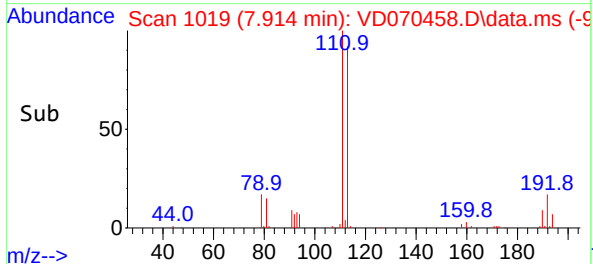
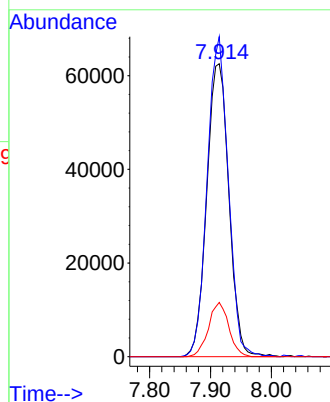
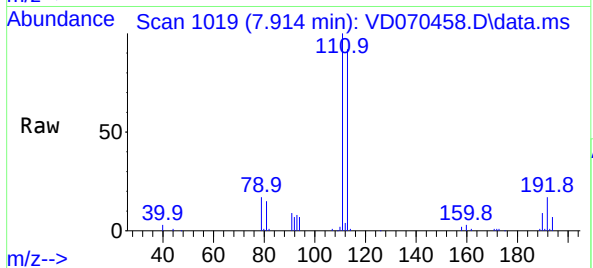




#35
Dibromofluoromethane
Concen: 54.22 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070458.D
Acq: 24 Sep 2021 16:48

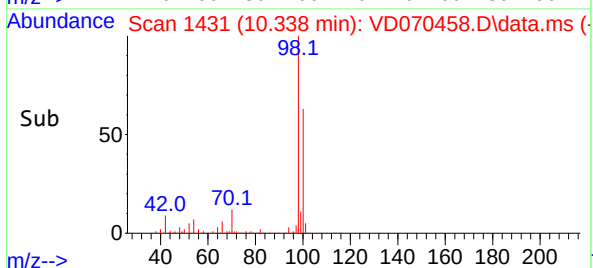
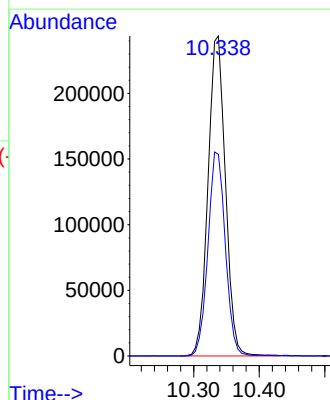
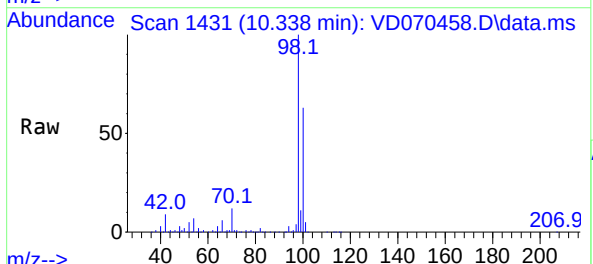
Instrument :
MSVOA_D
ClientSampleId :
RO-206RE

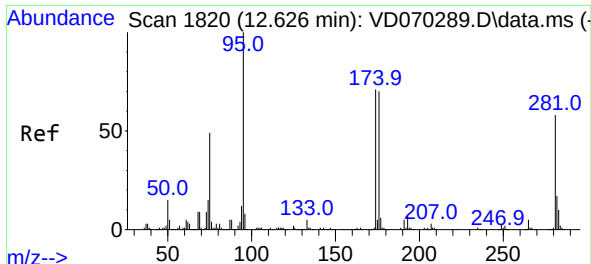
Tgt Ion:113 Resp: 158512
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.2
192 17.0 13.0 19.6



#50
Toluene-d8
Concen: 42.34 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070458.D
Acq: 24 Sep 2021 16:48

Tgt Ion: 98 Resp: 449492
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

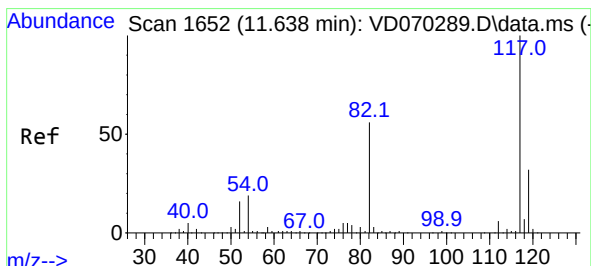
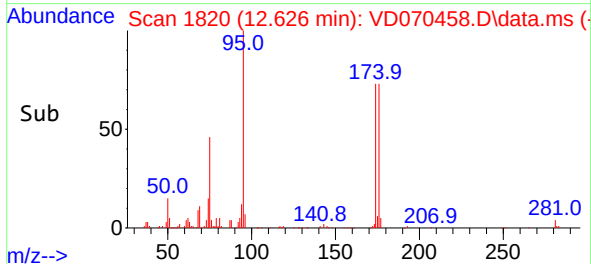
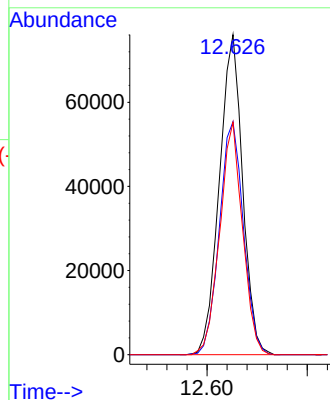
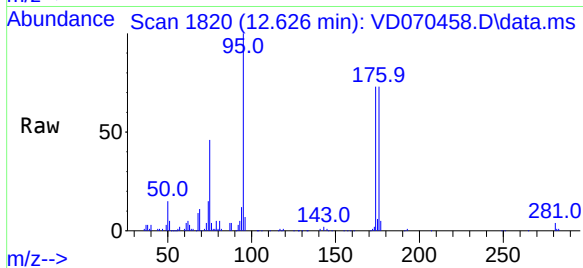




#62
4-Bromofluorobenzene
Concen: 32.96 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070458.D
Acq: 24 Sep 2021 16:48

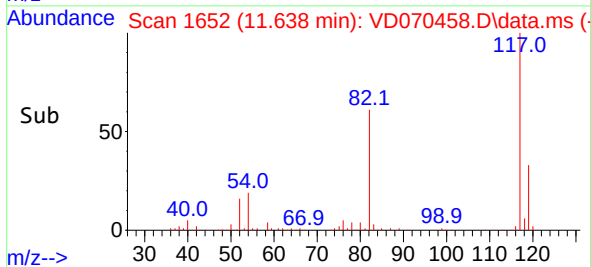
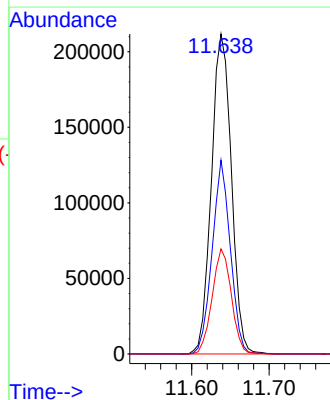
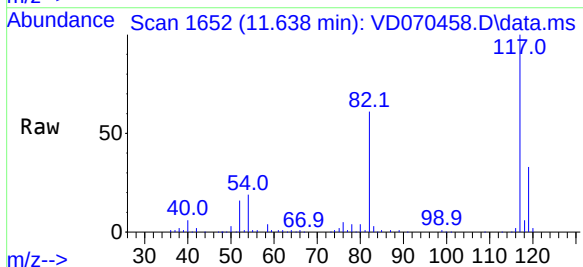
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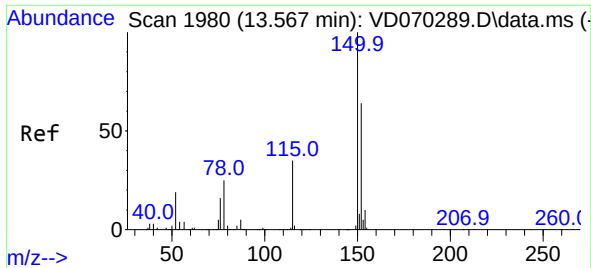
Tgt Ion: 95 Resp: 122262
Ion Ratio Lower Upper
95 100
174 75.3 0.0 140.6
176 71.2 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070458.D
Acq: 24 Sep 2021 16:48

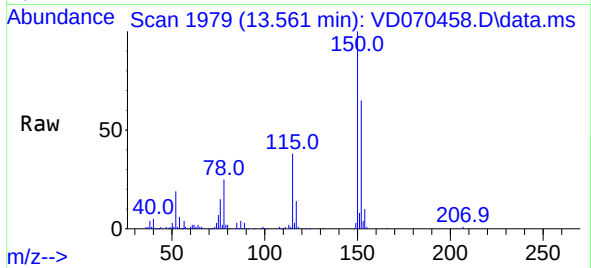
Tgt Ion: 117 Resp: 378629
Ion Ratio Lower Upper
117 100
82 60.6 45.0 67.4
119 32.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070458.D
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Tgt Ion:	152	Resp:	122864
Ion	Ratio	Lower	Upper
152	100		
115	60.6	32.1	96.3
150	157.1	0.0	350.6

