

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070827.D
 Acq On : 22 Oct 2021 16:14
 Operator : VA/SY
 Sample : M4290-13
 Misc : 4.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TH-BBD

Quant Time: Oct 23 04:12:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	222597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	420285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	461715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	192633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216676	82.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	164.360%#
35) Dibromofluoromethane	7.914	113	159658	59.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.660%
50) Toluene-d8	10.338	98	574529	55.693	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.380%
62) 4-Bromofluorobenzene	12.626	95	195345	54.994	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.980%

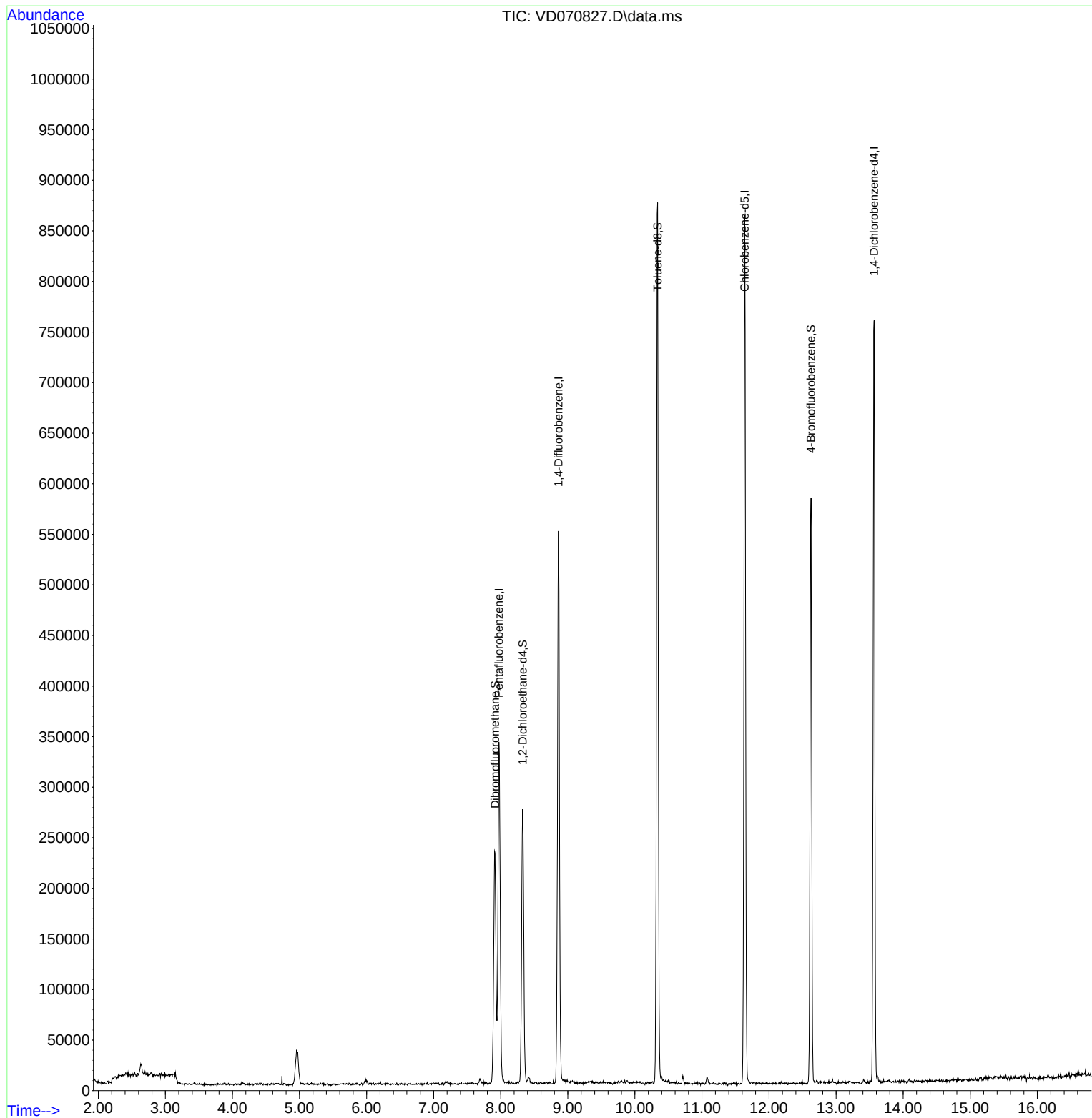
Target Compounds	Qvalue

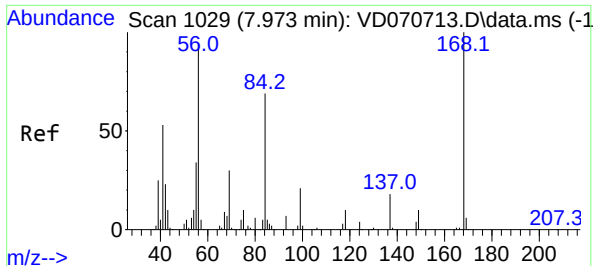
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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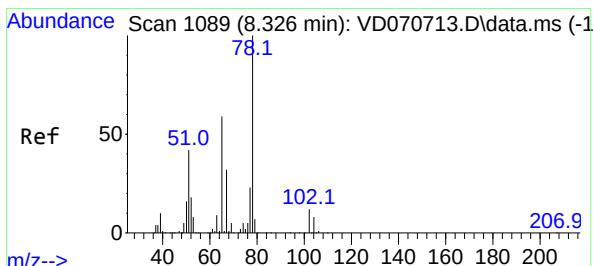
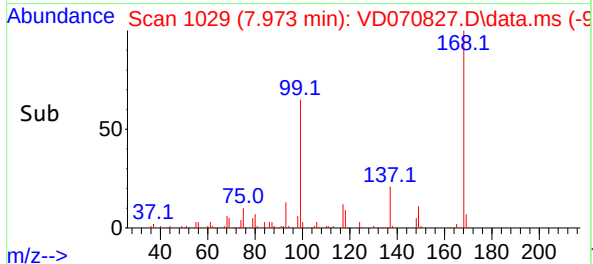
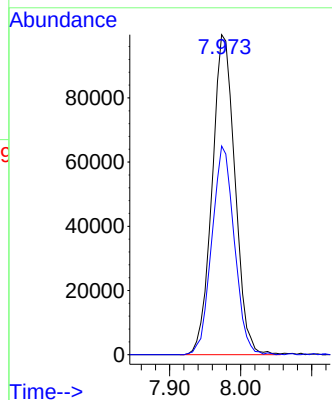
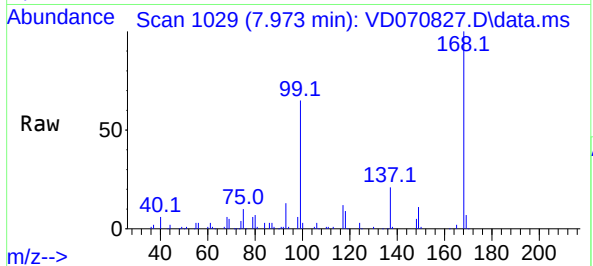




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070827.D
Acq: 22 Oct 2021 16:14

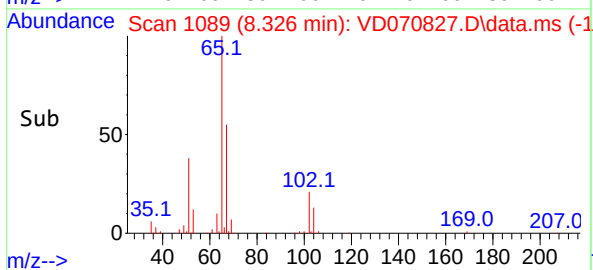
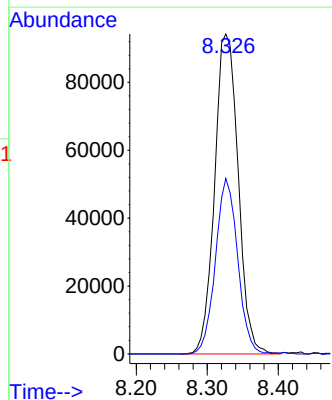
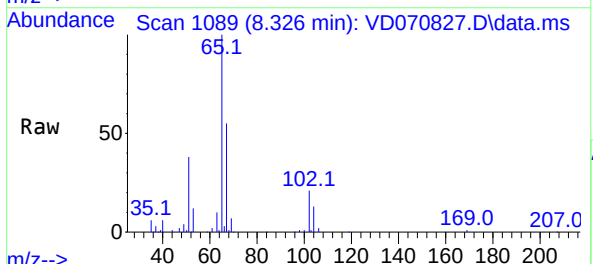
Instrument :
MSVOA_D
ClientSampled :
TH-BBD

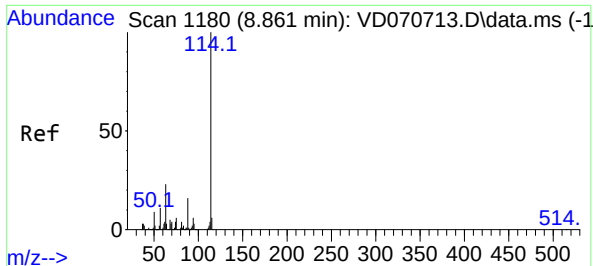
Tgt Ion:168 Resp: 222597
Ion Ratio Lower Upper
168 100
99 65.2 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 82.183 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070827.D
Acq: 22 Oct 2021 16:14

Tgt Ion: 65 Resp: 216676
Ion Ratio Lower Upper
65 100
67 51.7 0.0 110.2



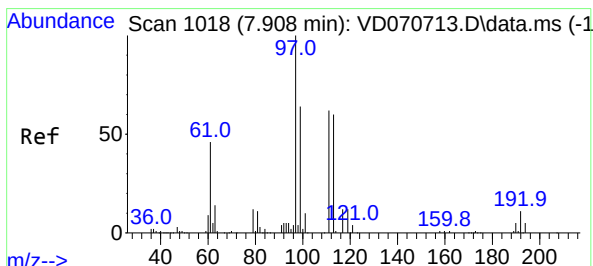
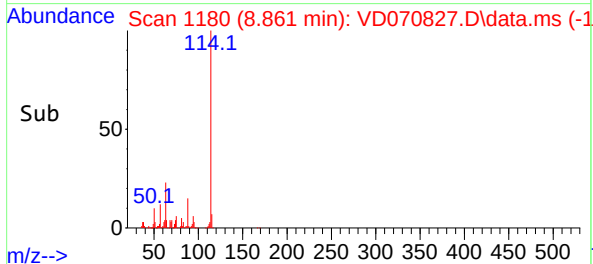
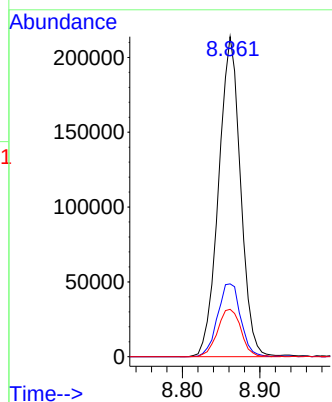
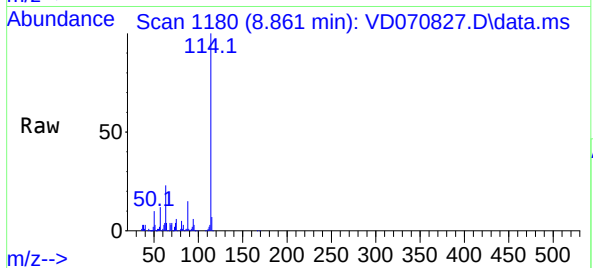


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070827.D
Acq: 22 Oct 2021 16:14

Instrument :
MSVOA_D
ClientSampleId :
TH-BBD

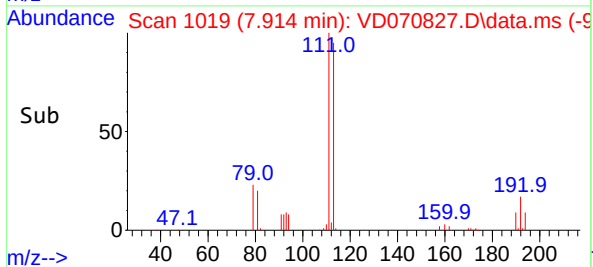
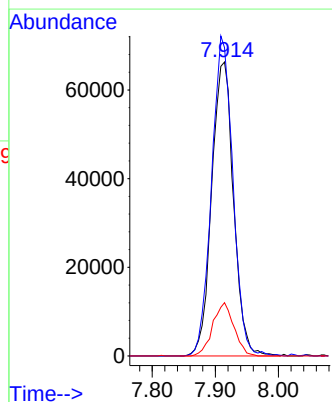
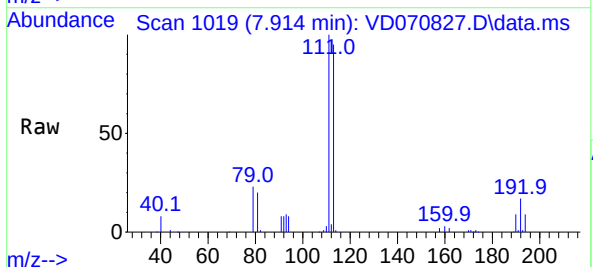
Tgt Ion:114 Resp: 420285
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.8
88 14.8 0.0 32.6

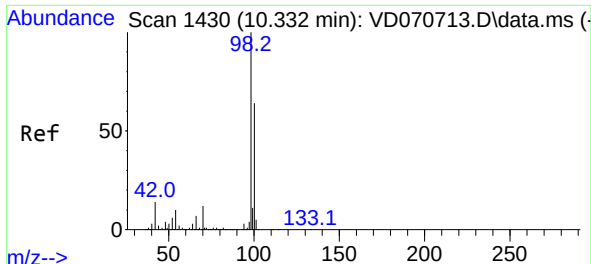


#35

Dibromofluoromethane
Concen: 59.328 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070827.D
Acq: 22 Oct 2021 16:14

Tgt Ion:113 Resp: 159658
Ion Ratio Lower Upper
113 100
111 106.0 83.1 124.7
192 17.6 12.7 19.1

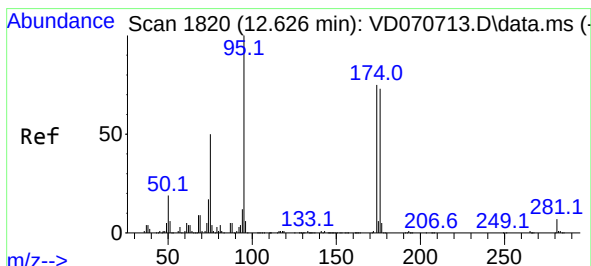
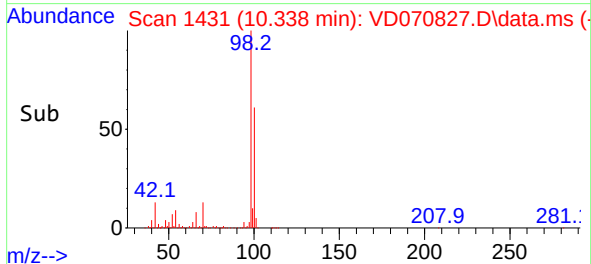
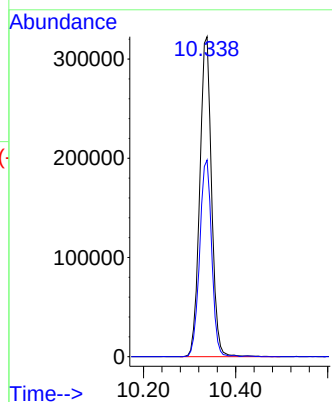
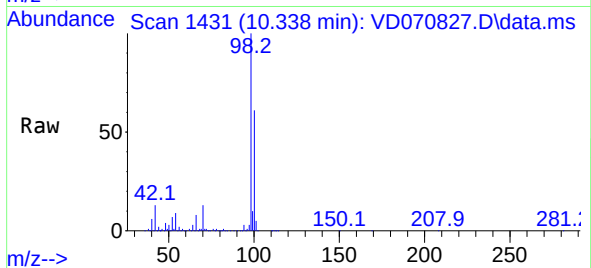




#50
Toluene-d8
Concen: 55.693 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070827.D
Acq: 22 Oct 2021 16:14

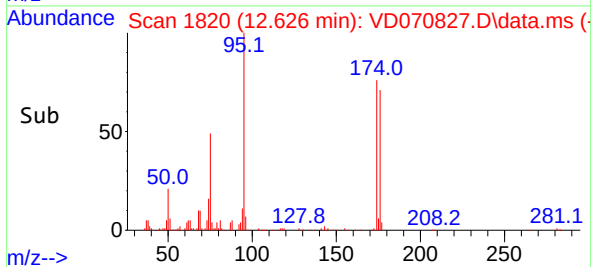
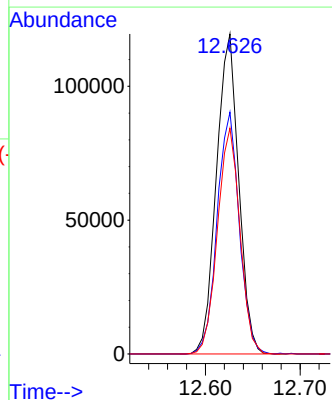
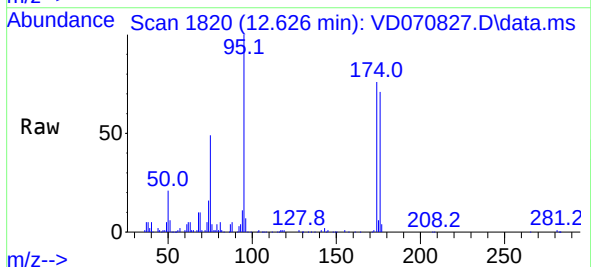
Instrument :
MSVOA_D
ClientSampled :
TH-BBD

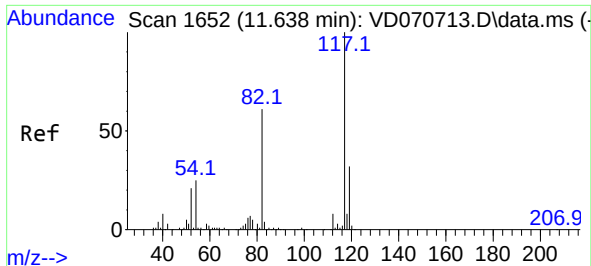
Tgt Ion: 98 Resp: 574529
Ion Ratio Lower Upper
98 100
100 62.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.994 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070827.D
Acq: 22 Oct 2021 16:14

Tgt Ion: 95 Resp: 195345
Ion Ratio Lower Upper
95 100
174 75.1 0.0 138.0
176 71.1 0.0 135.6



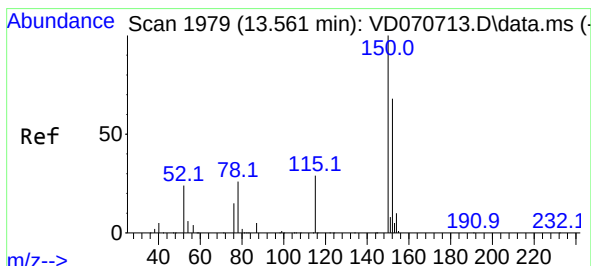
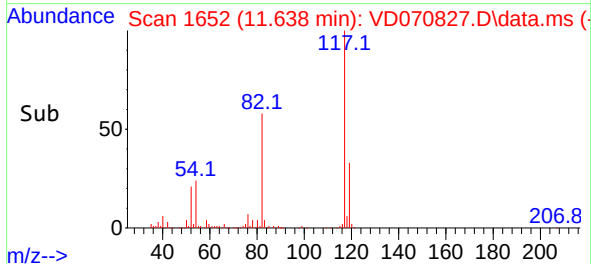
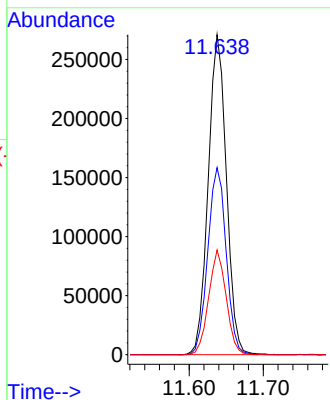
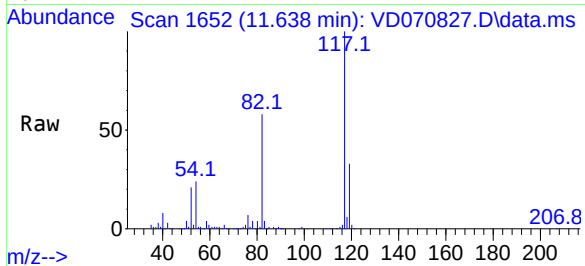


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070827.D
Acq: 22 Oct 2021 16:14

Instrument :
MSVOA_D
ClientSampleId :
TH-BBD

Tgt Ion:117 Resp: 461715

Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.4	68.2
119	32.7	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070827.D
Acq: 22 Oct 2021 16:14

Tgt Ion:152 Resp: 192633

Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.9	95.7
150	159.5	0.0	350.0

