

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069744.D
 Acq On : 19 Jul 2021 11:35
 Operator : VA/SY
 Sample : M3031-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-03-071421

Quant Time: Jul 20 02:10:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	21199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	35722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	42083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	18015	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	18511	69.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.860%
35) Dibromofluoromethane	7.908	113	12374	51.633	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.260%
50) Toluene-d8	10.338	98	46394	49.830	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.626	95	16568	53.357	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.720%

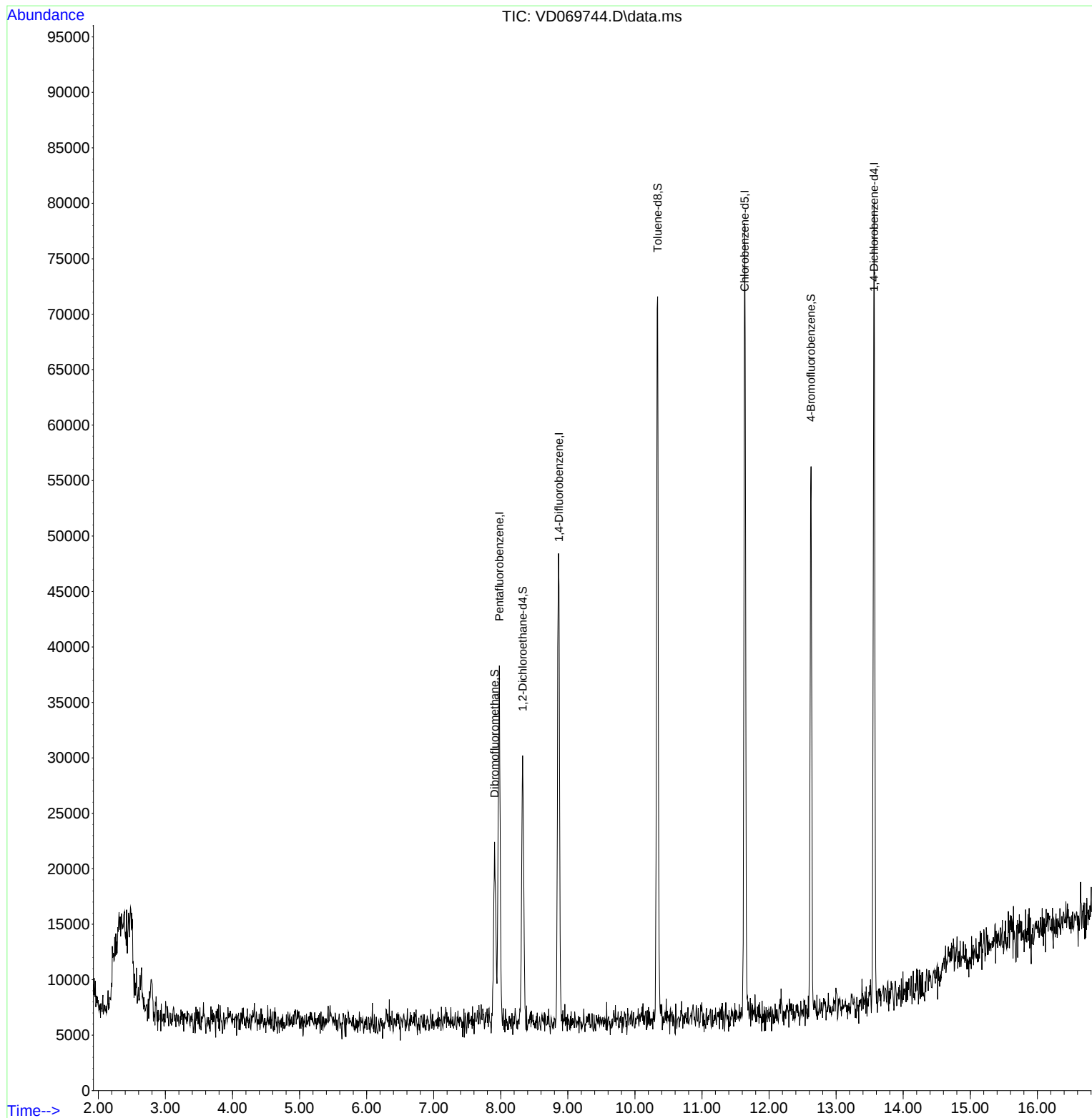
Target Compounds	Qvalue

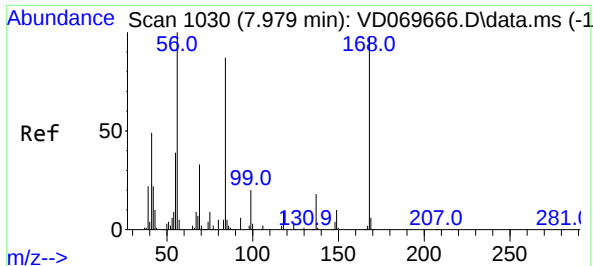
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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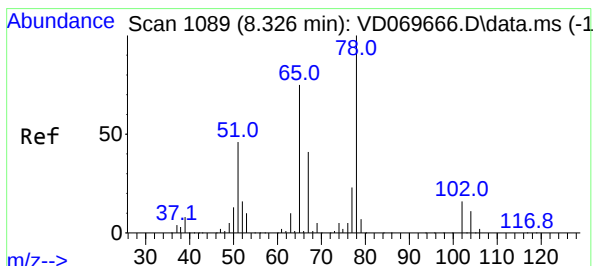
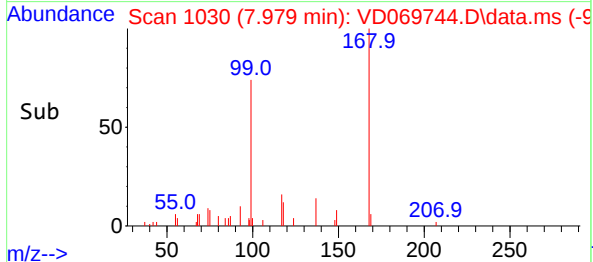
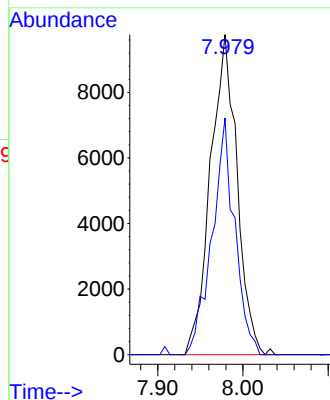
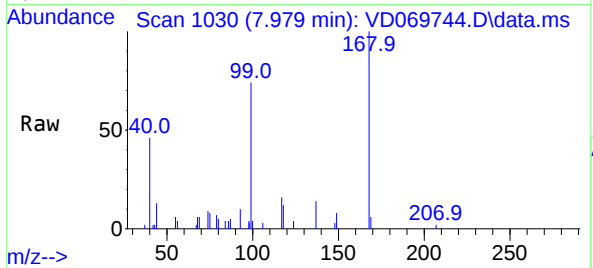




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069744.D
Acq: 19 Jul 2021 11:35

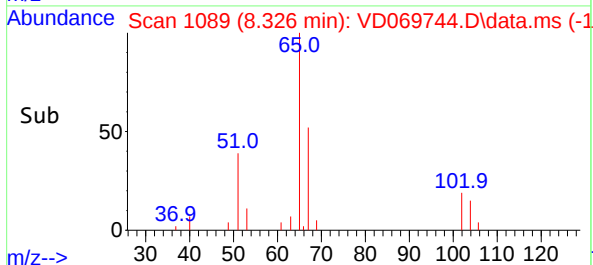
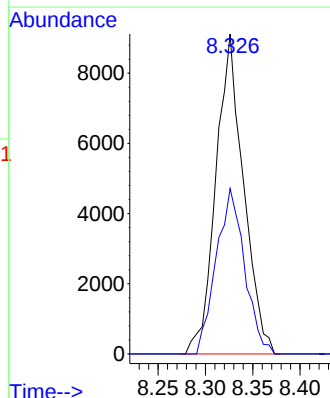
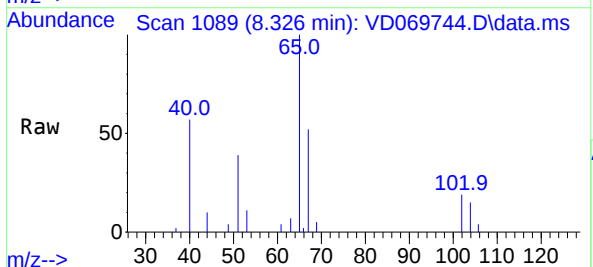
Instrument :
MSVOA_D
ClientSampleId :
HR-03-071421

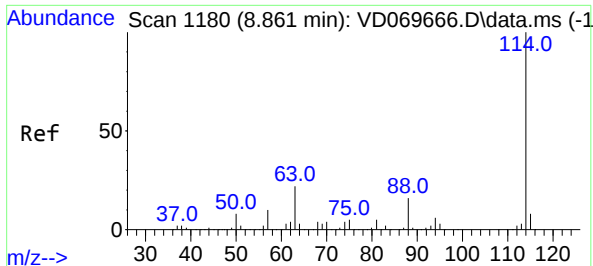
Tgt Ion:168 Resp: 21199
Ion Ratio Lower Upper
168 100
99 73.9 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 69.933 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069744.D
Acq: 19 Jul 2021 11:35

Tgt Ion: 65 Resp: 18511
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.2

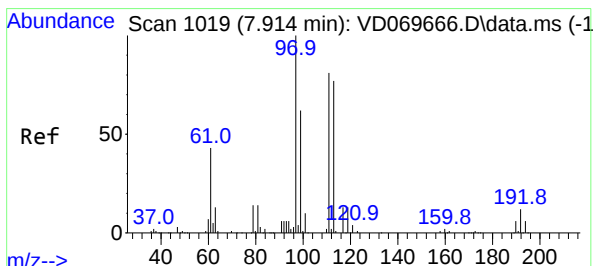
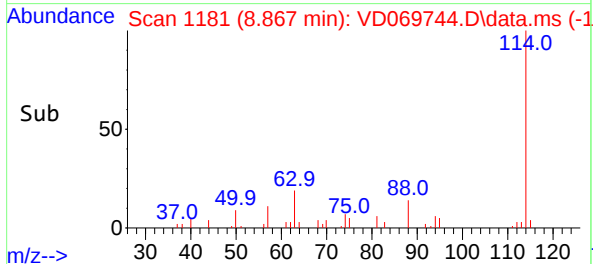
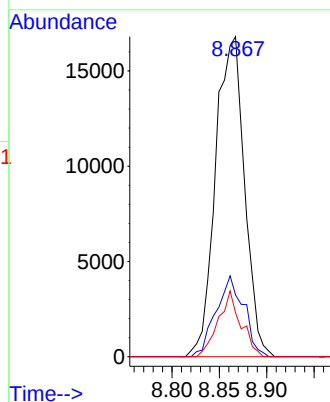
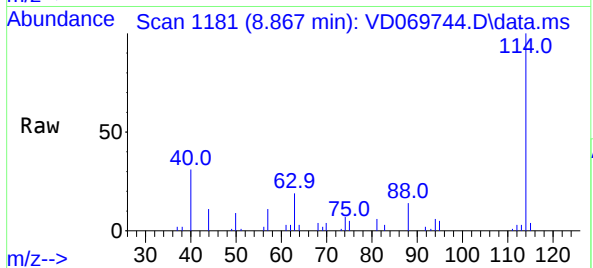




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069744.D
Acq: 19 Jul 2021 11:35

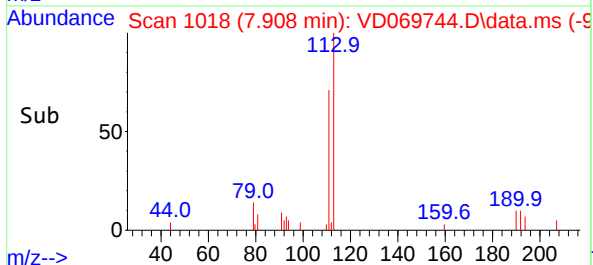
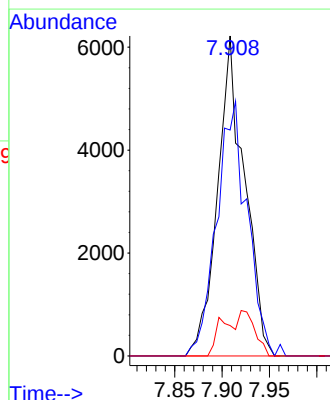
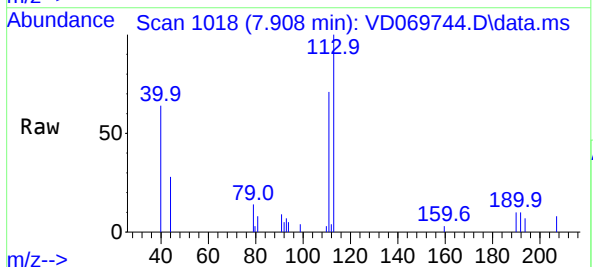
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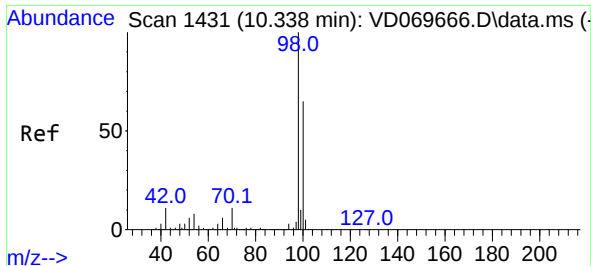
Tgt Ion:	114	Resp:	35722
Ion Ratio	Lower	Upper	
114	100		
63	19.3	0.0	43.4
88	13.7	0.0	32.0



#35
Dibromofluoromethane
Concen: 51.633 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069744.D
Acq: 19 Jul 2021 11:35

Tgt Ion:	113	Resp:	12374
Ion Ratio	Lower	Upper	
113	100		
111	90.1	82.6	123.8
192	8.4	12.7	19.1#

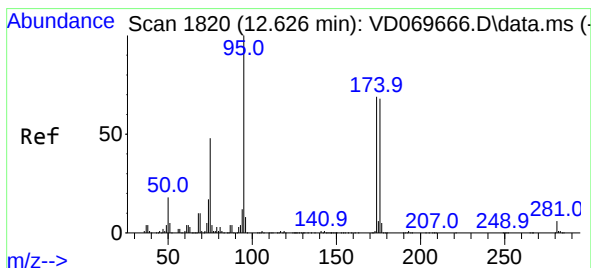
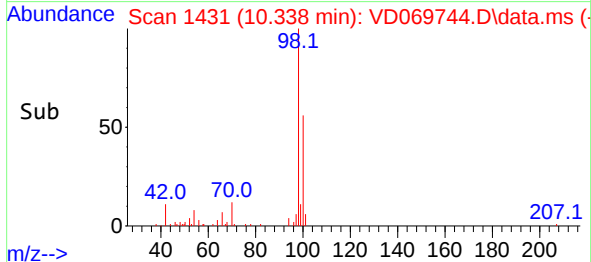
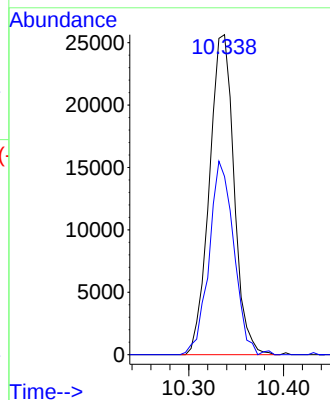
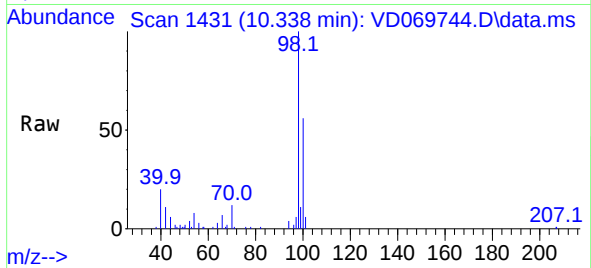




#50
Toluene-d8
Concen: 49.830 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069744.D
Acq: 19 Jul 2021 11:35

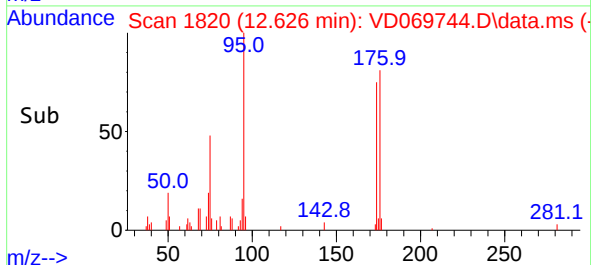
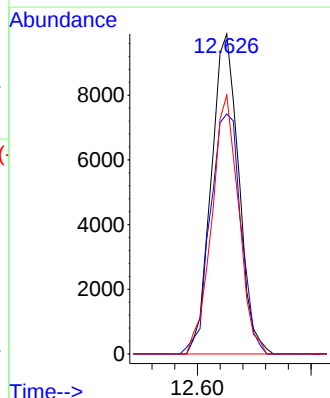
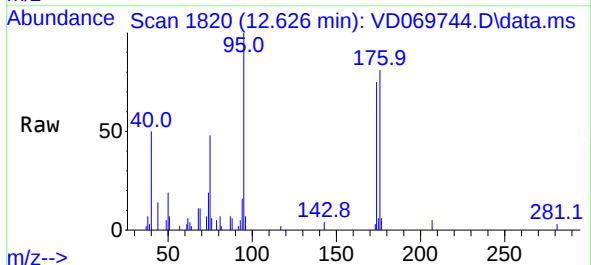
Instrument :
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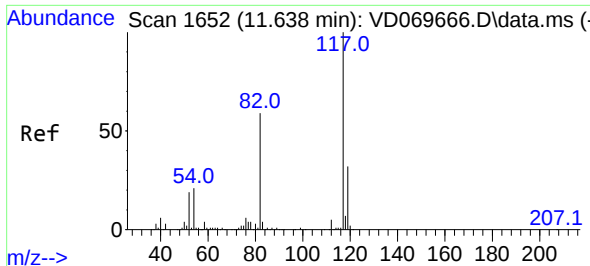
Tgt Ion: 98 Resp: 46394
Ion Ratio Lower Upper
98 100
100 60.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 53.357 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069744.D
Acq: 19 Jul 2021 11:35

Tgt Ion: 95 Resp: 16568
Ion Ratio Lower Upper
95 100
174 84.0 0.0 140.0
176 79.2 0.0 136.2

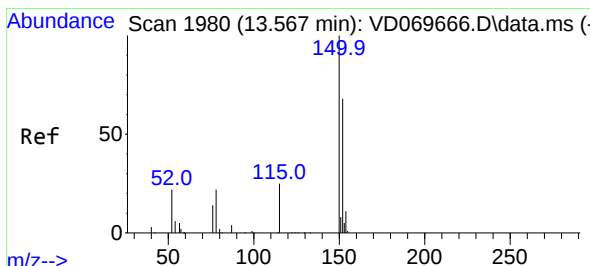
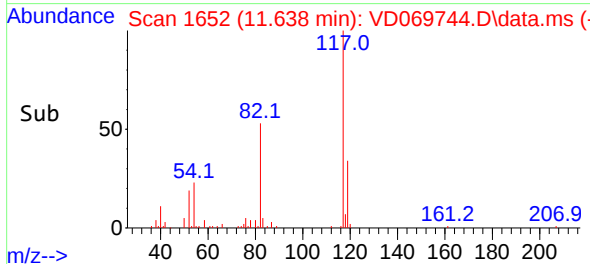
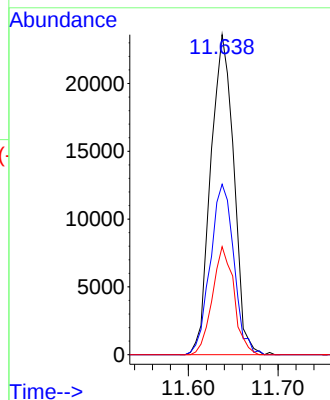
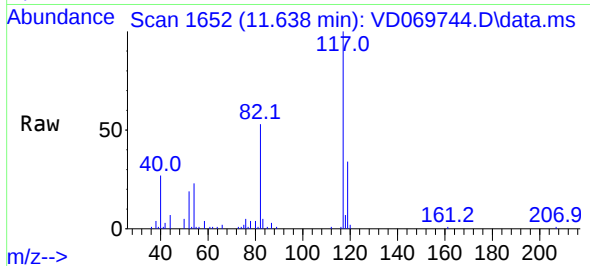




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069744.D
Acq: 19 Jul 2021 11:35

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Tgt Ion:117	Resp:	42083
Ion Ratio	Lower	Upper
117	100	
82	53.3	47.4 71.2
119	33.8	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069744.D
Acq: 19 Jul 2021 11:35

Tgt Ion:152	Resp:	18015
Ion Ratio	Lower	Upper
152	100	
115	63.8	31.7 95.1
150	162.6	0.0 350.4

