

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068263.D
 Acq On : 03 Feb 2021 15:28
 Operator : VA/SY
 Sample : M1292-07
 Misc : 8.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU421-003-0510

Quant Time: Feb 03 23:42:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	437374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	801215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	722069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	321809	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	256485	61.30	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.60%
35) Dibromofluoromethane	7.920	113	241616	54.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.10%
50) Toluene-d8	10.344	98	993114	56.05	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.10%
62) 4-Bromofluorobenzene	12.632	95	329817	51.69	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.38%

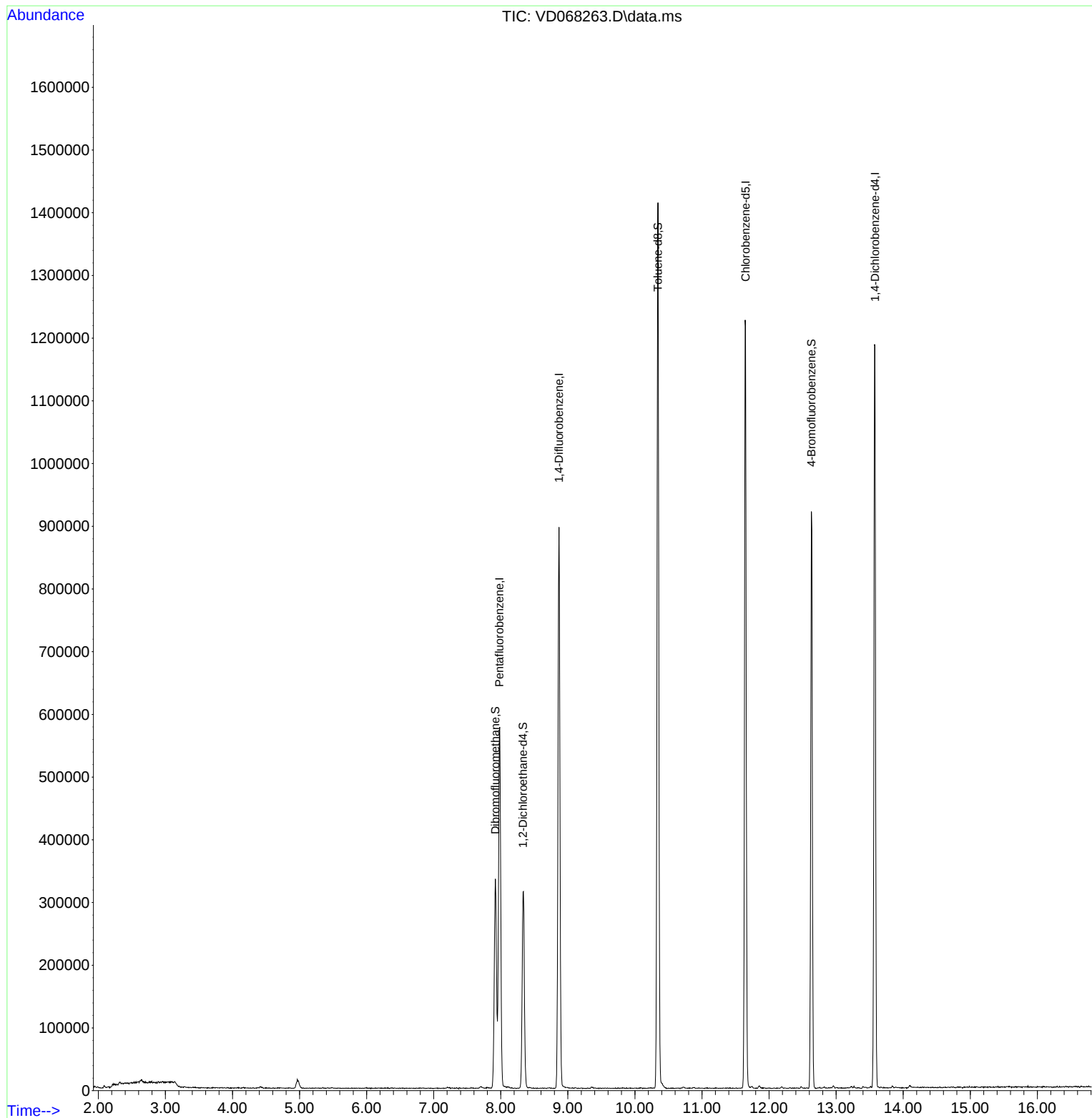
Target Compounds	Qvalue

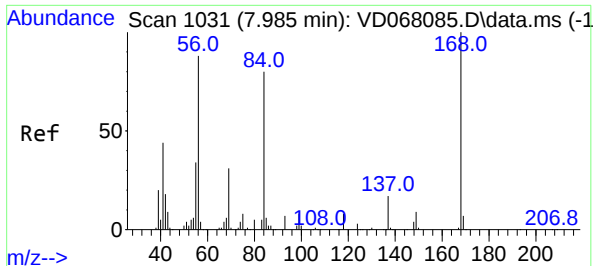
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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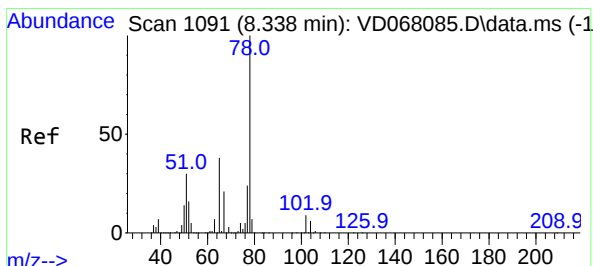
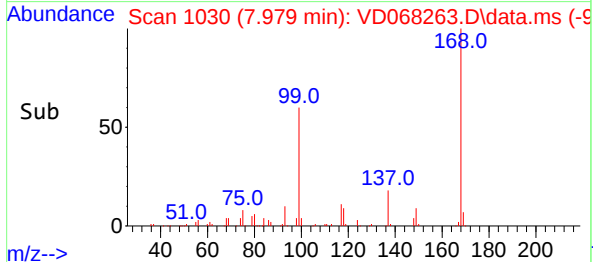
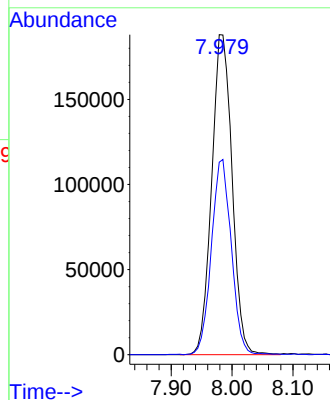
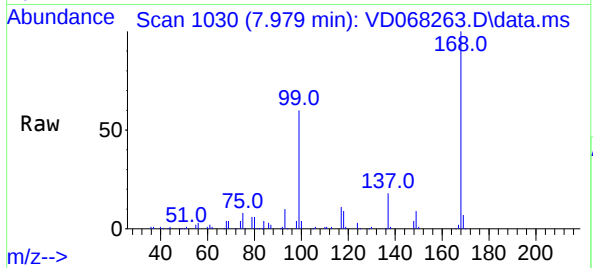




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

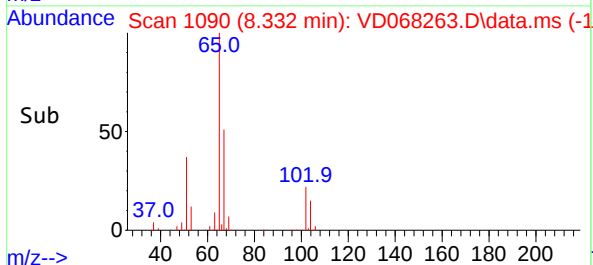
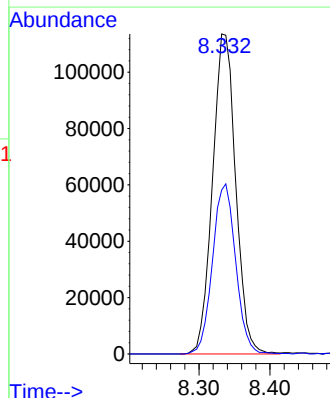
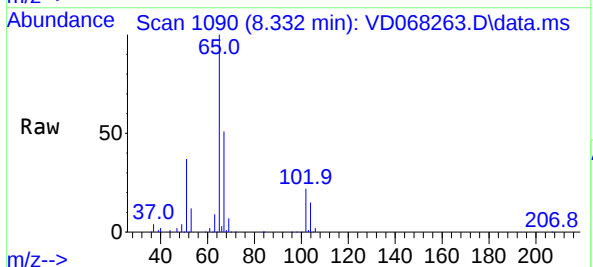
Instrument :
MSVOA_D
ClientSampleId :
OU421-003-0510

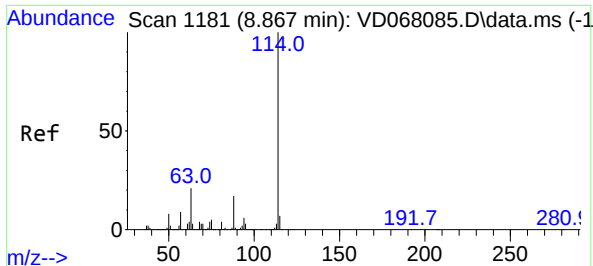
Tgt Ion:168 Resp: 437374
Ion Ratio Lower Upper
168 100
99 60.0 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 61.30 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 65 Resp: 256485
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



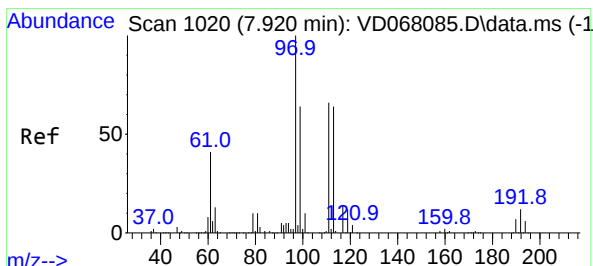
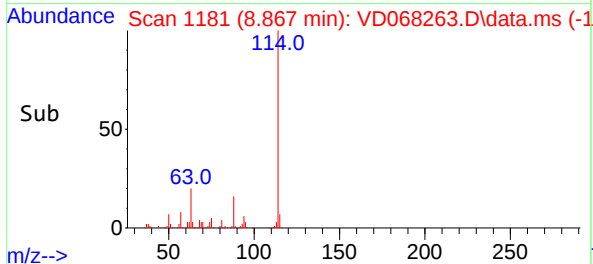
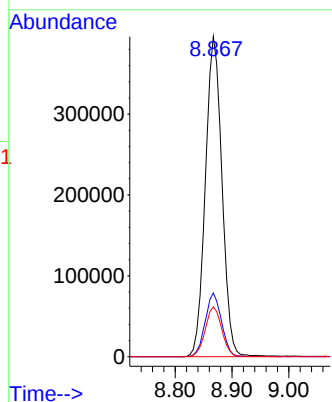
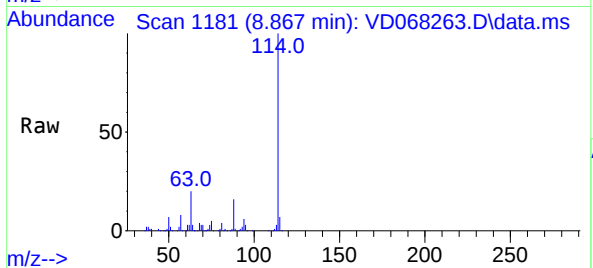


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

Instrument :
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OU421-003-0510

Tgt Ion:114 Resp: 801215

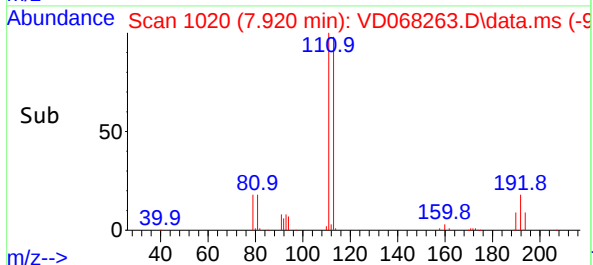
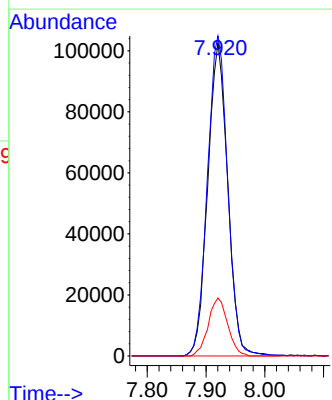
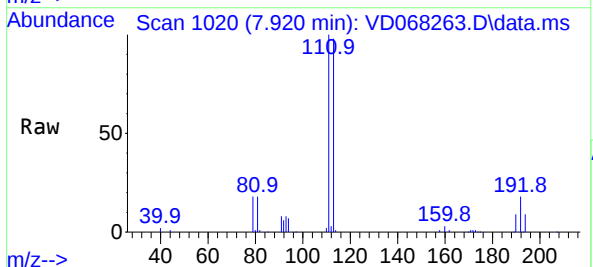
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	34.8
88	15.5	0.0	31.6

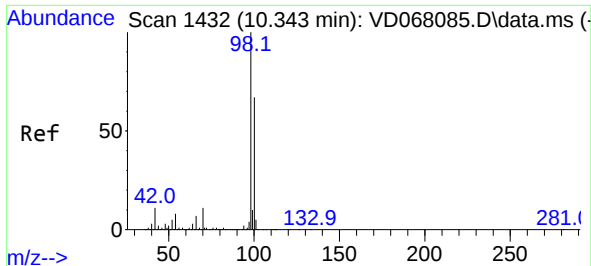


#35
Dibromofluoromethane
Concen: 54.55 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

Tgt Ion:113 Resp: 241616

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.0
192	18.1	16.1	24.1

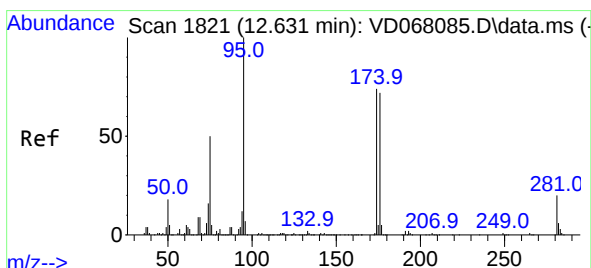
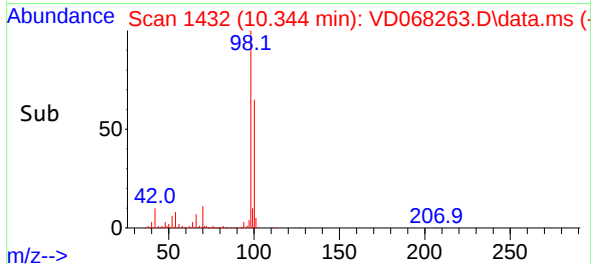
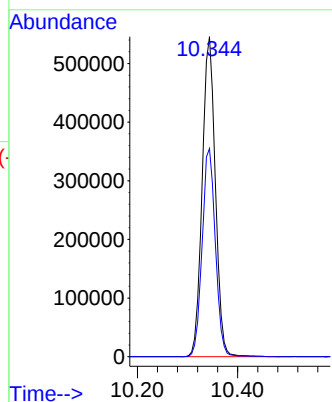
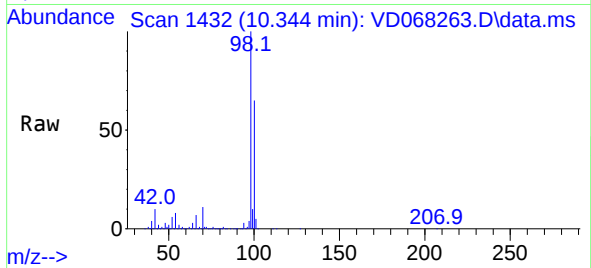




#50
Toluene-d8
Concen: 56.05 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

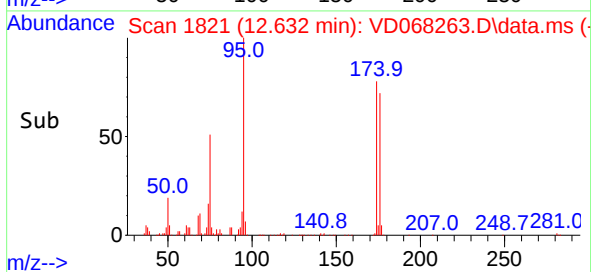
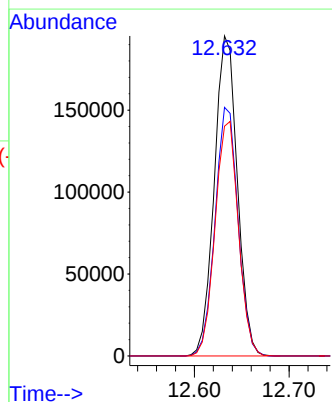
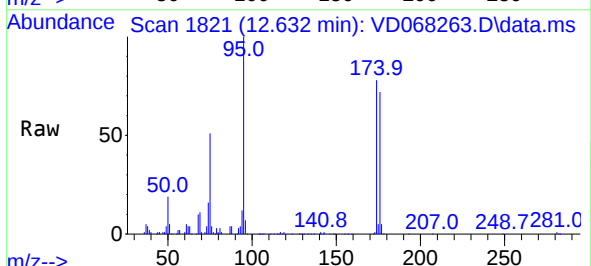
Instrument :
MSVOA_D
ClientSampleId :
OU421-003-0510

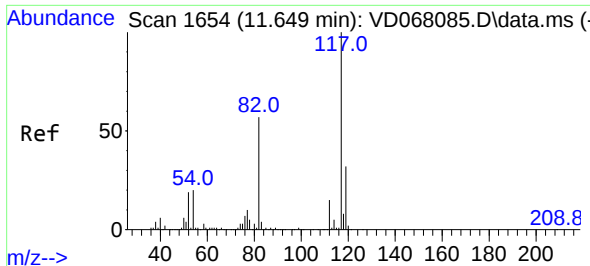
Tgt Ion: 98 Resp: 993114
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 95 Resp: 329817
Ion Ratio Lower Upper
95 100
174 77.7 0.0 172.4
176 74.1 0.0 168.4

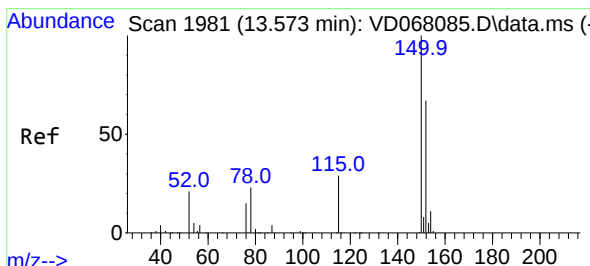
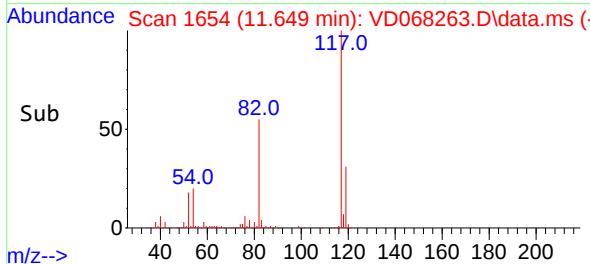
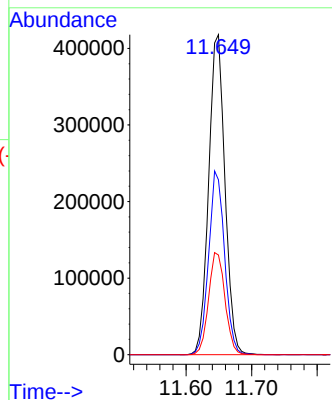
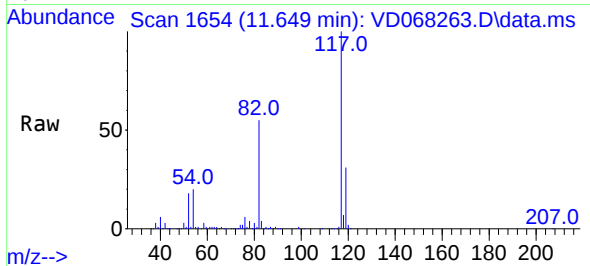




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

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Tgt Ion:	117	Resp:	722069
Ion	Ratio	Lower	Upper
117	100		
82	54.6	41.4	62.0
119	31.1	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068263.D
Acq: 03 Feb 2021 15:28

Tgt Ion:	152	Resp:	321809
Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.9	86.8
150	160.2	0.0	344.4

