

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030921\
 Data File : VD068575.D
 Acq On : 09 Mar 2021 14:41
 Operator : VA/SY
 Sample : M1608-01
 Misc : 5.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-030921

Quant Time: Mar 10 00:01:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	333126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	599543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	573323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	262344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175171	52.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.26%	
35) Dibromofluoromethane	7.909	113	183864	50.91	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.82%	
50) Toluene-d8	10.338	98	749904	52.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.26%	
62) 4-Bromofluorobenzene	12.632	95	246828	53.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.48%	

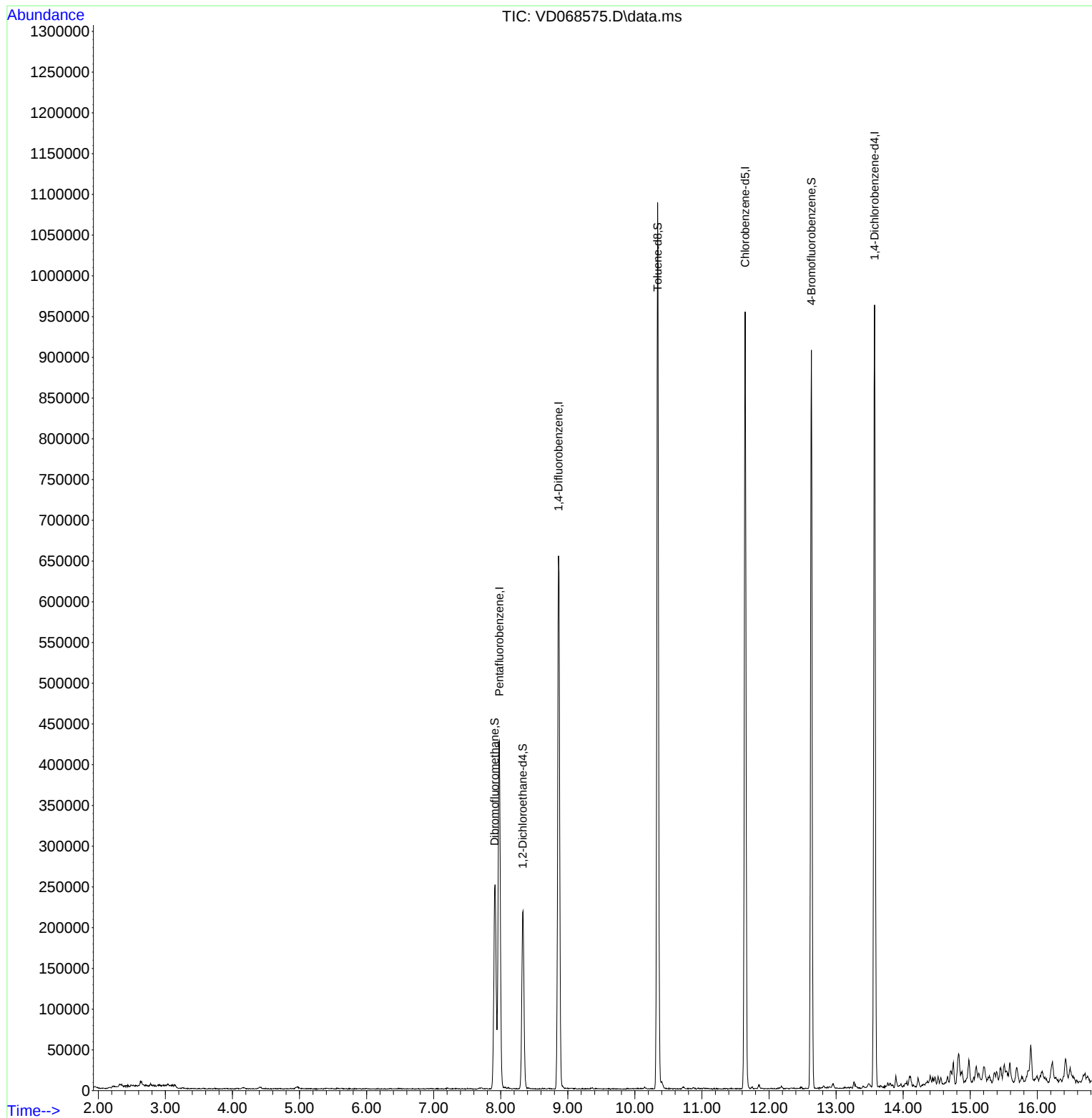
Target Compounds	Qvalue

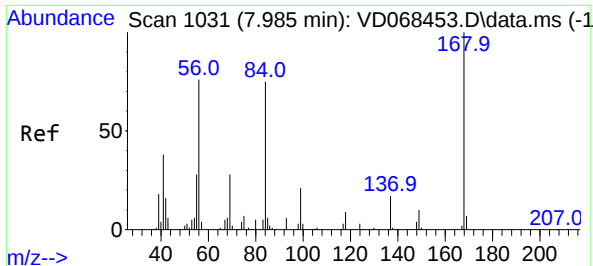
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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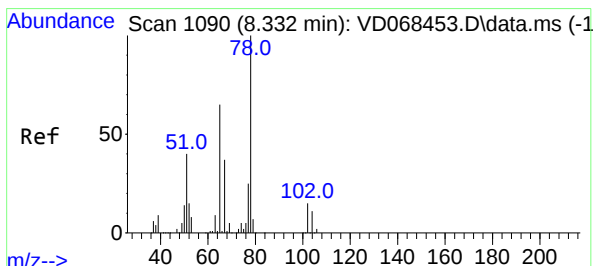
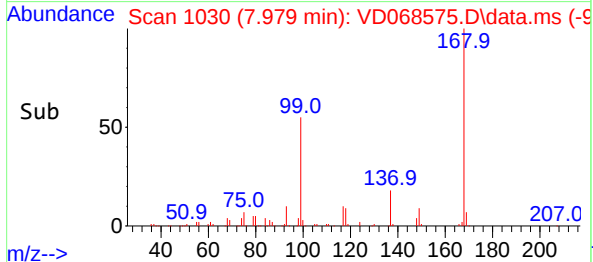
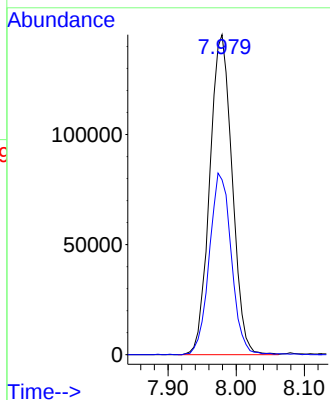
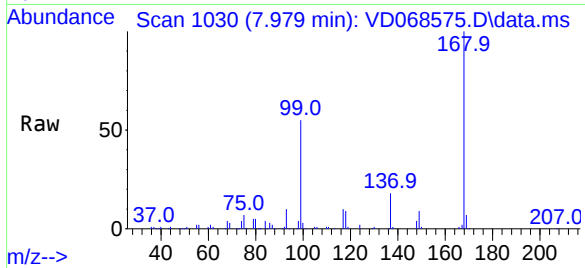




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

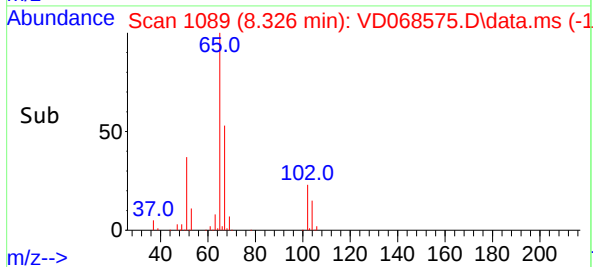
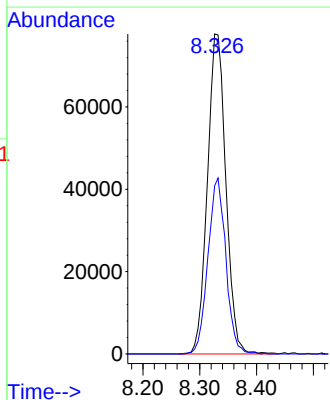
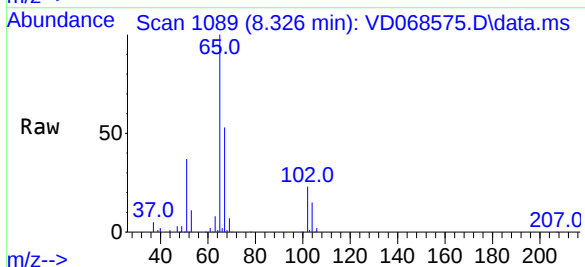
Instrument :
MSVOA_D
ClientSampleId :
HD-02-030921

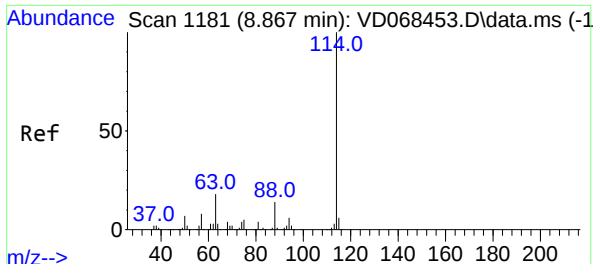
Tgt Ion:168 Resp: 333126
Ion Ratio Lower Upper
168 100
99 54.6 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.63 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.005 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Tgt Ion: 65 Resp: 175171
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0



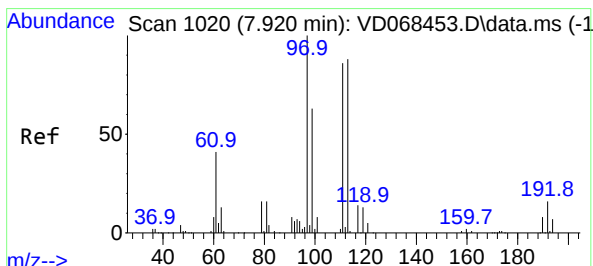
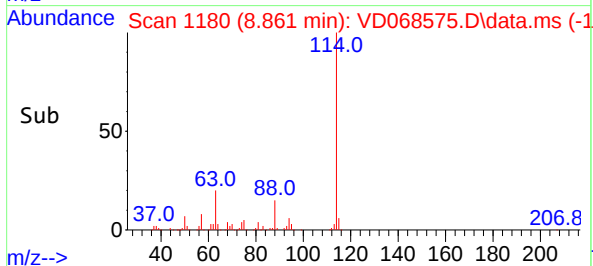
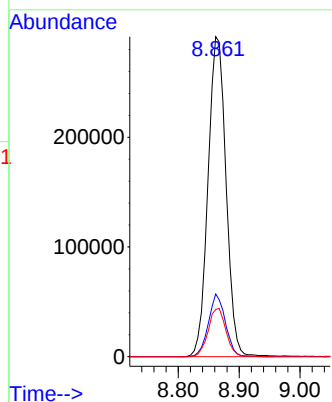
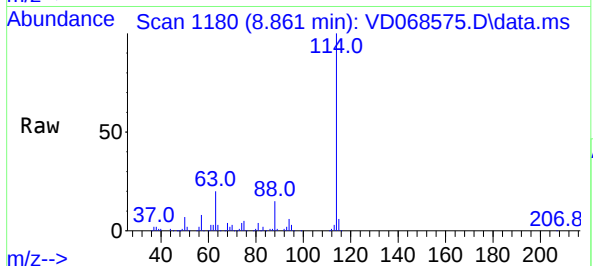


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Instrument :
MSVOA_D
ClientSampleId :
HD-02-030921

Tgt Ion:114 Resp: 599543

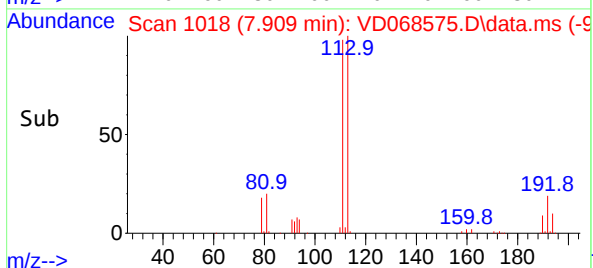
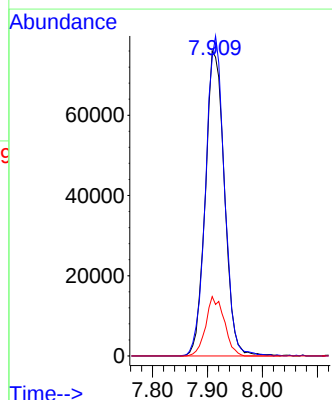
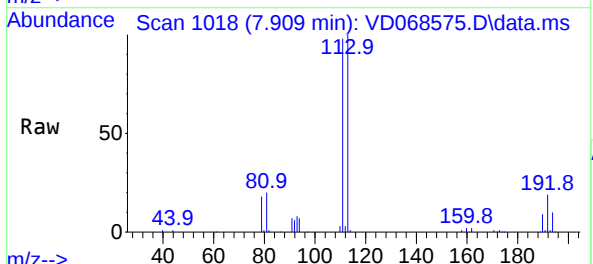
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	34.8
88	14.8	0.0	31.6

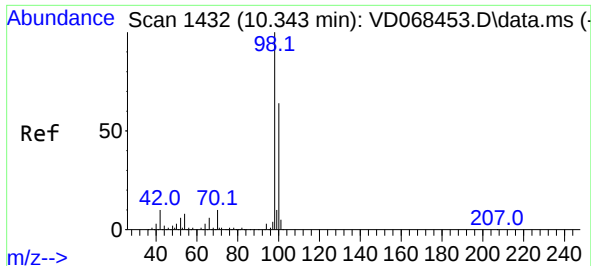


#35
Dibromofluoromethane
Concen: 50.91 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.011 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Tgt Ion:113 Resp: 183864

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	18.9	16.1	24.1

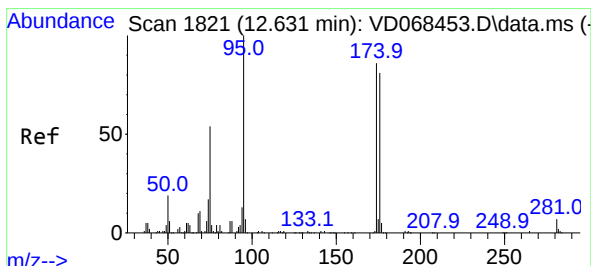
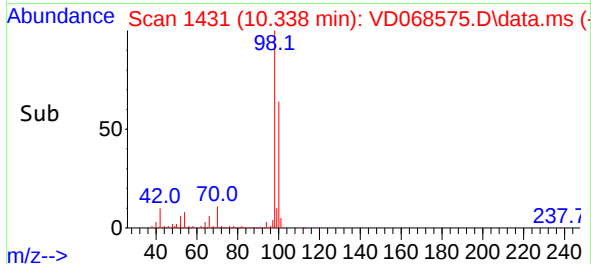
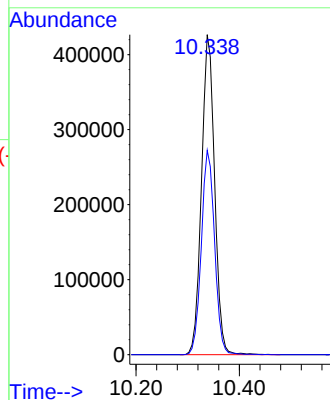
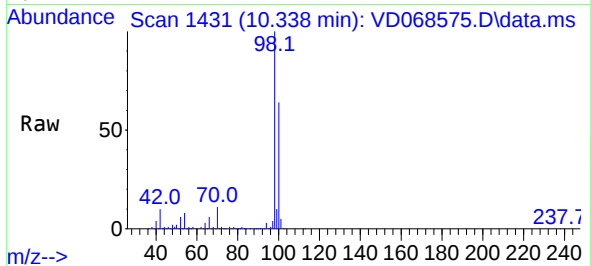




#50
Toluene-d8
Concen: 52.13 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

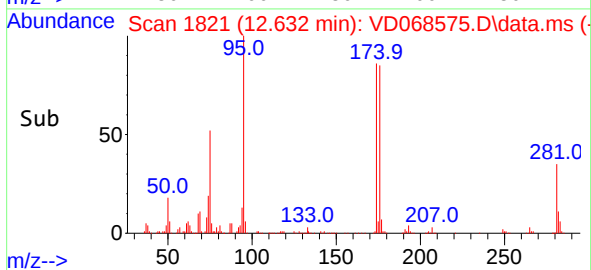
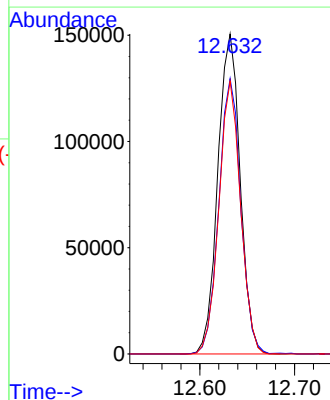
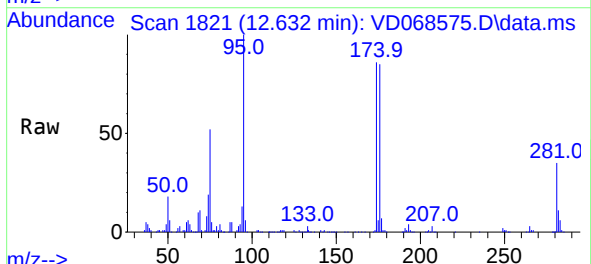
Instrument :
MSVOA_D
ClientSampleId :
HD-02-030921

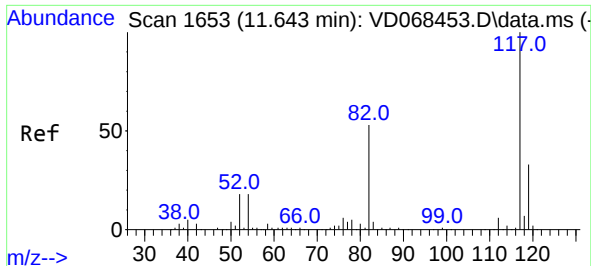
Tgt Ion: 98 Resp: 749904
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Tgt Ion: 95 Resp: 246828
Ion Ratio Lower Upper
95 100
174 84.8 0.0 172.4
176 82.8 0.0 168.4

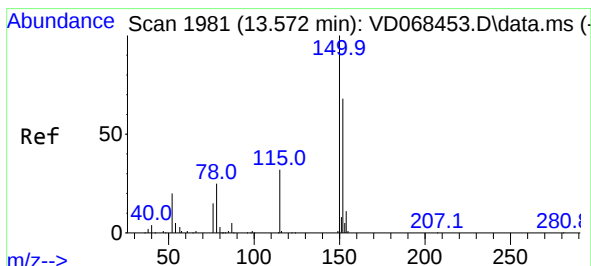
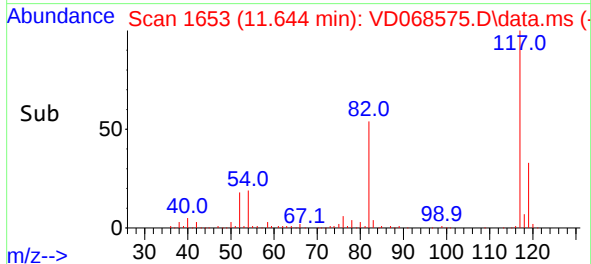
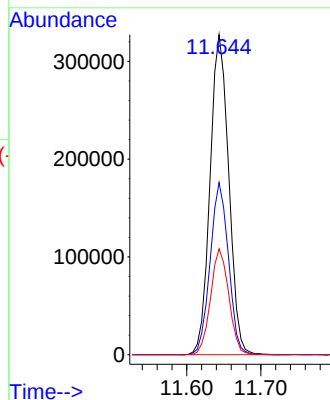
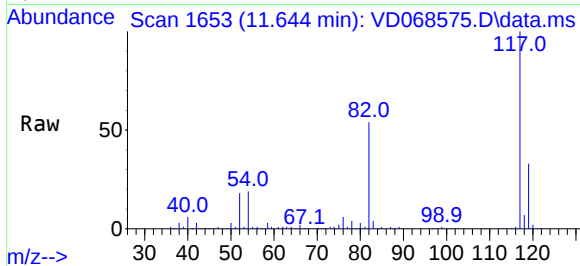




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Instrument :
MSVOA_D
ClientSampleId :
HD-02-030921

Tgt Ion:117 Resp: 573323
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.0
119 33.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Tgt Ion:152 Resp: 262344
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 157.4 0.0 344.4

