

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068904.D
 Acq On : 19 Apr 2021 17:30
 Operator : VA/SY
 Sample : M2077-06
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-21-0-2.0

Quant Time: Apr 20 00:54:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	192486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	337404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	385779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	195350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	85879	42.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.44%
35) Dibromofluoromethane	7.920	113	103530	47.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.34%
50) Toluene-d8	10.337	98	431436	52.11	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.22%
62) 4-Bromofluorobenzene	12.631	95	172165	62.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.22%

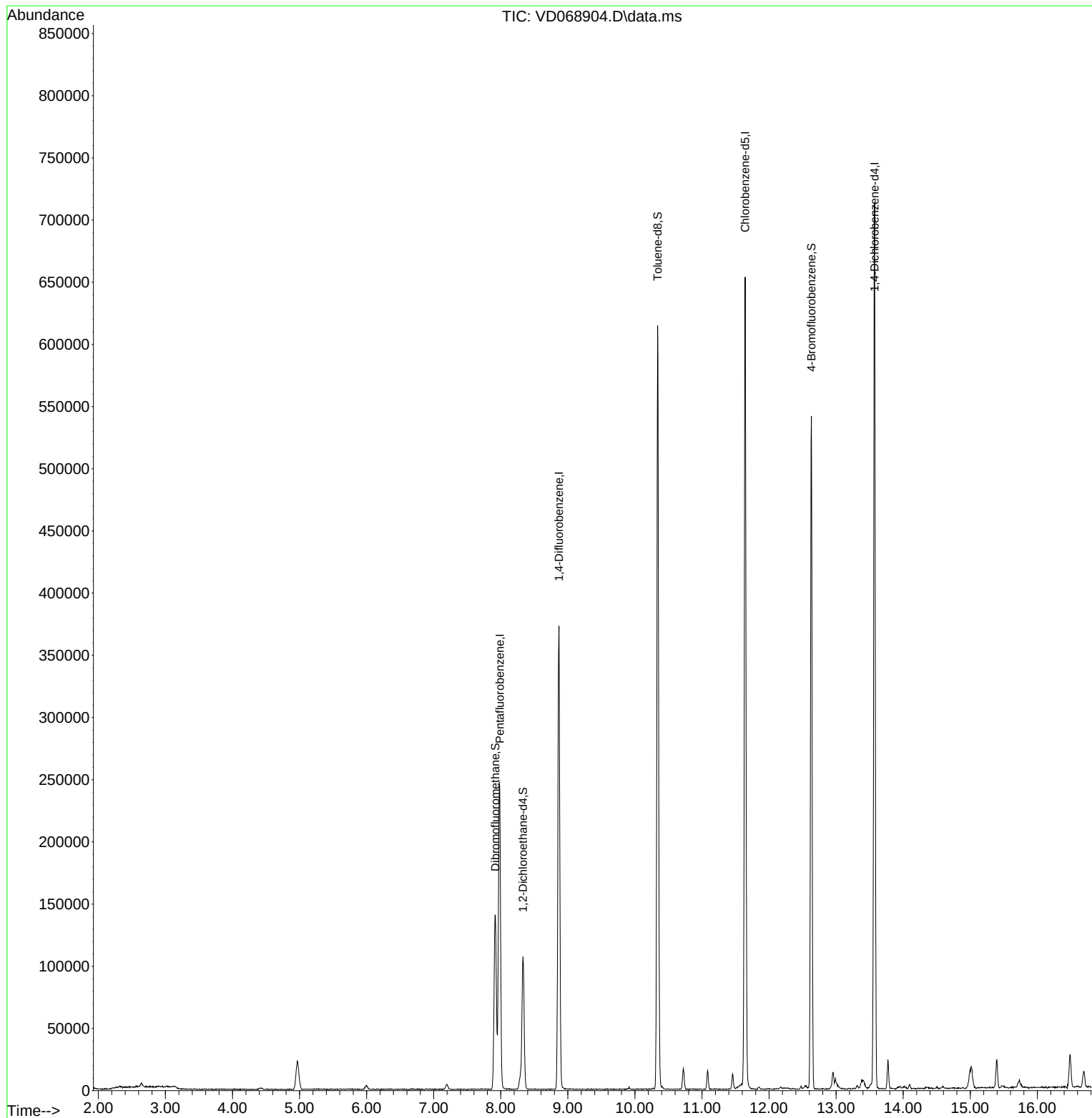
Target Compounds	Qvalue

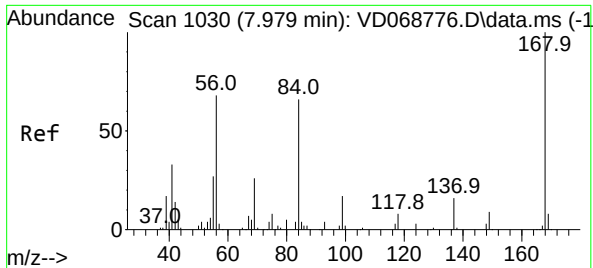
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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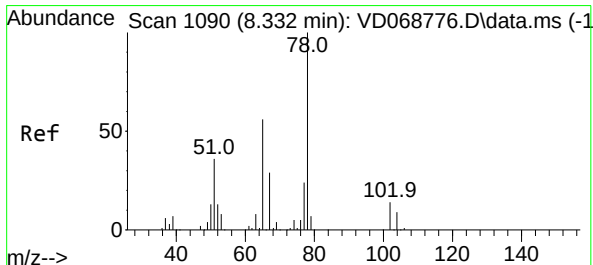
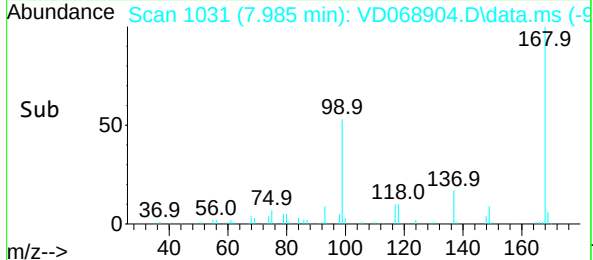
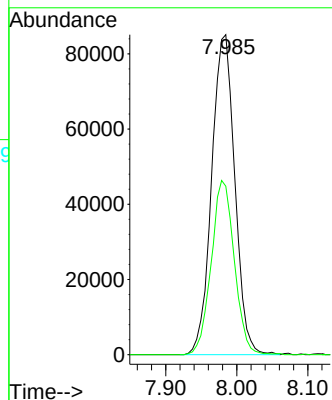
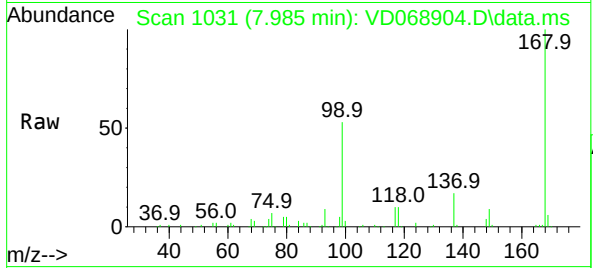




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

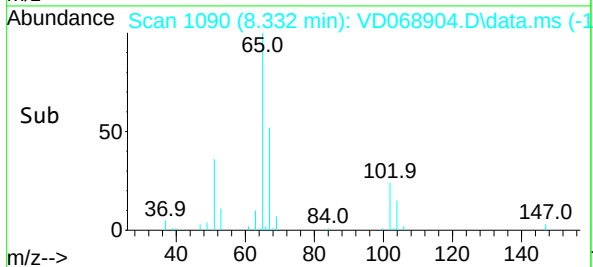
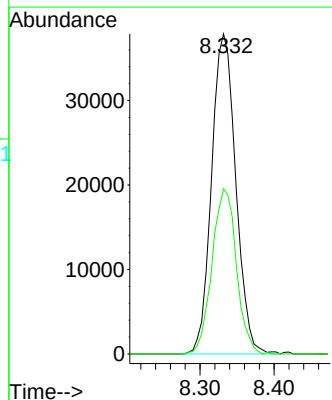
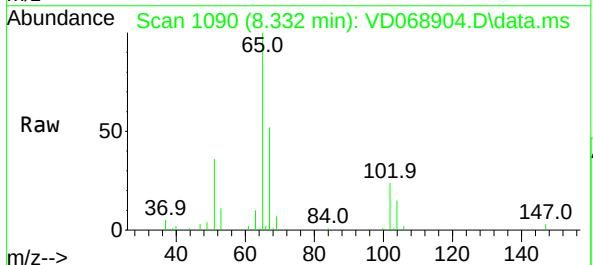
Instrument :
MSVOA_D
ClientSampleId :
SB-21-0-2.0

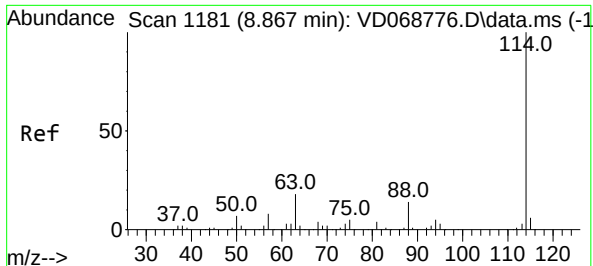
Tgt Ion:168 Resp: 192486
Ion Ratio Lower Upper
168 100
99 52.6 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 42.22 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

Tgt Ion: 65 Resp: 85879
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

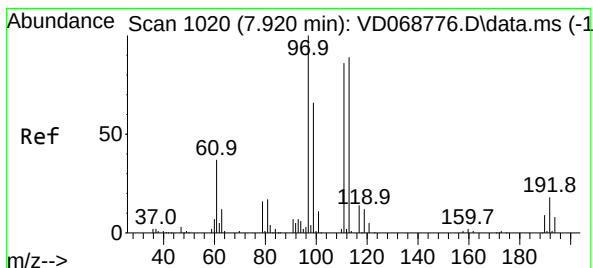
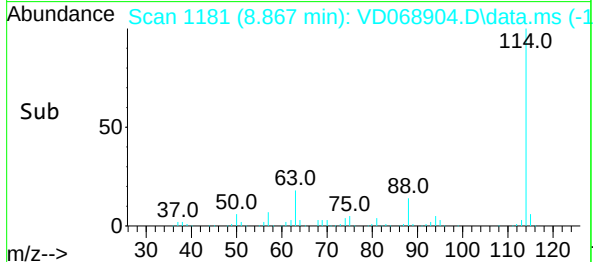
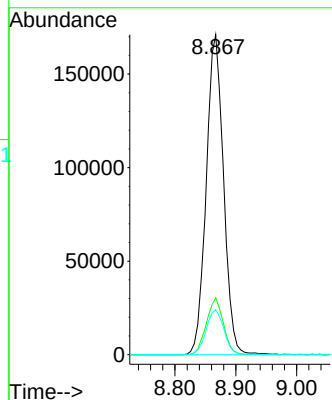
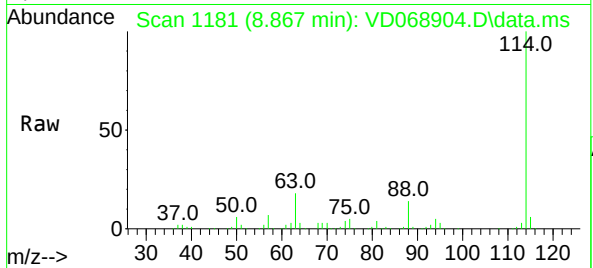




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

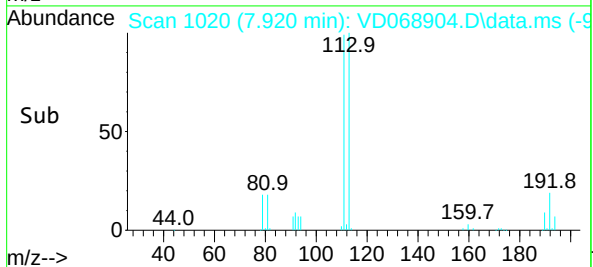
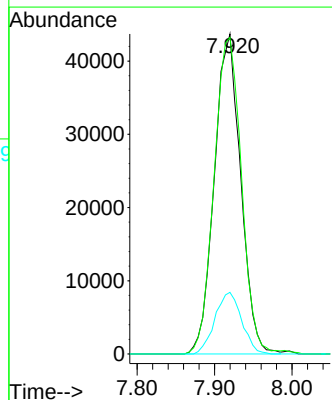
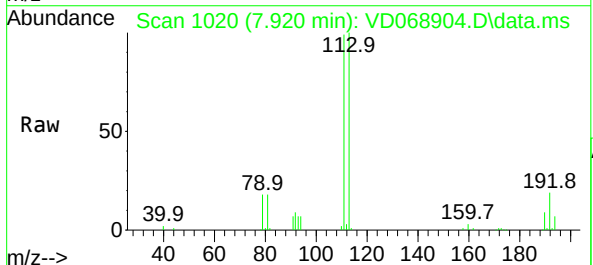
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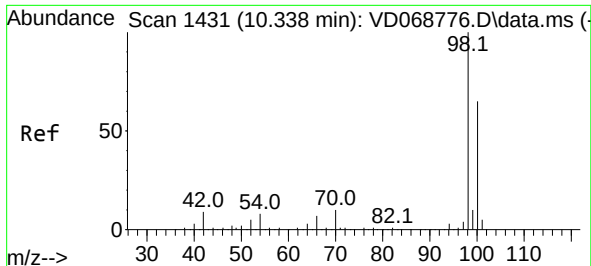
Tgt Ion:114 Resp: 337404
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.2
88 14.1 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.17 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

Tgt Ion:113 Resp: 103530
Ion Ratio Lower Upper
113 100
111 103.0 82.5 123.7
192 19.5 15.1 22.7

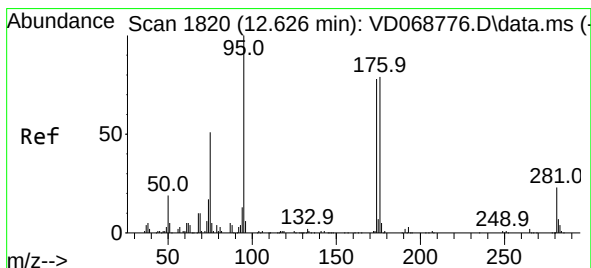
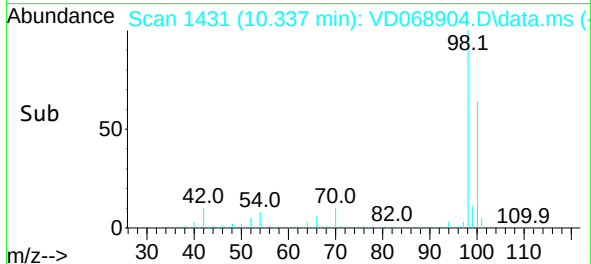
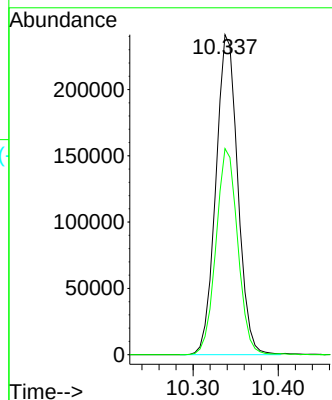
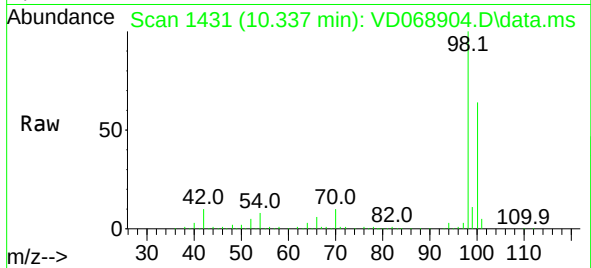




#50
Toluene-d8
Concen: 52.11 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

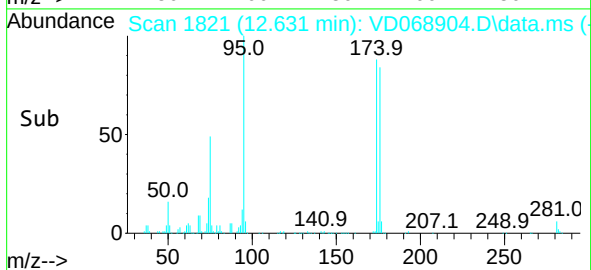
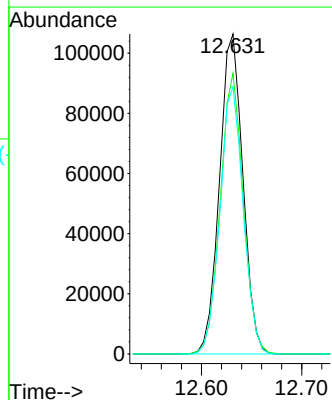
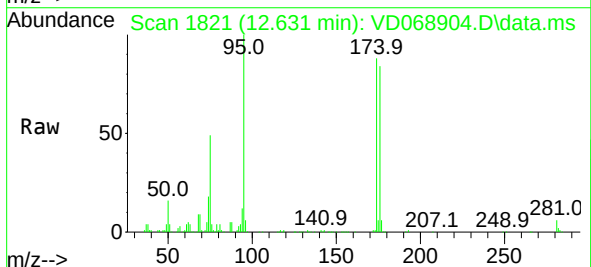
Instrument :
MSVOA_D
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SB-21-0-2.0

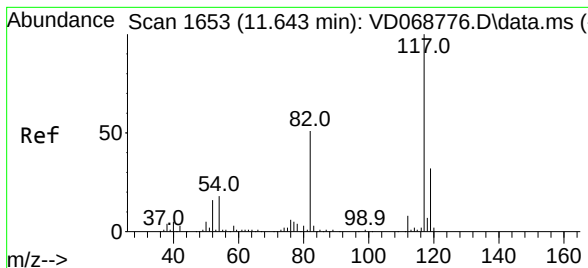
Tgt Ion: 98 Resp: 431436
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.61 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

Tgt Ion: 95 Resp: 172165
Ion Ratio Lower Upper
95 100
174 86.4 0.0 168.0
176 83.1 0.0 160.2

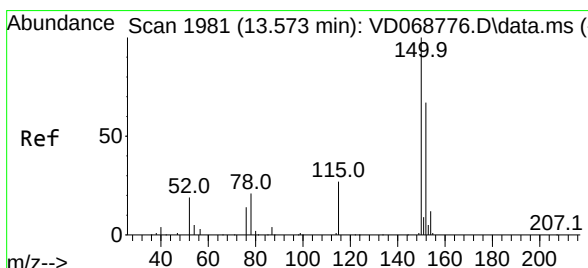
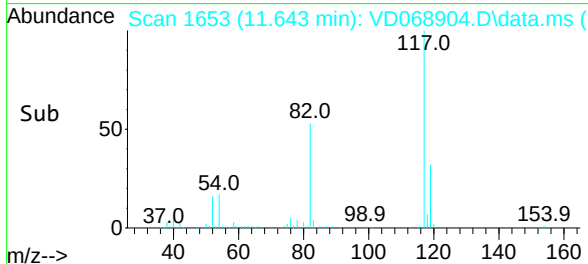
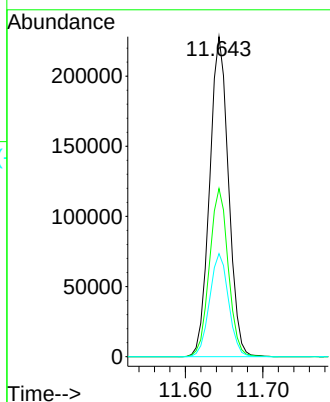
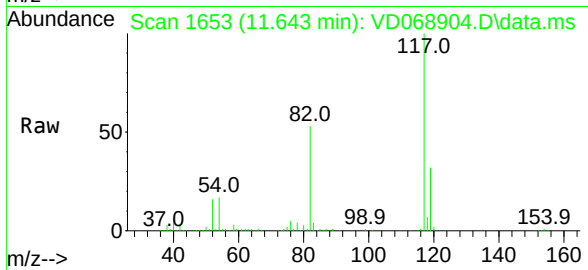




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

Instrument :
MSVOA_D
ClientSampleId :
SB-21-0-2.0

Tgt Ion:	117	Resp:	385779
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.5	65.3
119	32.2	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

Tgt Ion:	152	Resp:	195350
Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.3	87.8
150	158.0	0.0	347.6

