

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
 Data File : VD068290.D
 Acq On : 04 Feb 2021 21:24
 Operator : VA/SY
 Sample : M1315-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Quant Time: Feb 05 00:08:03 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	7.985	168	459770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	855759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	767638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	338762	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	249420	56.71	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.42%
35) Dibromofluoromethane	7.920	113	251151	53.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.16%
50) Toluene-d8	10.343	98	1064760	56.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.52%
62) 4-Bromofluorobenzene	12.632	95	335937	49.29	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.58%

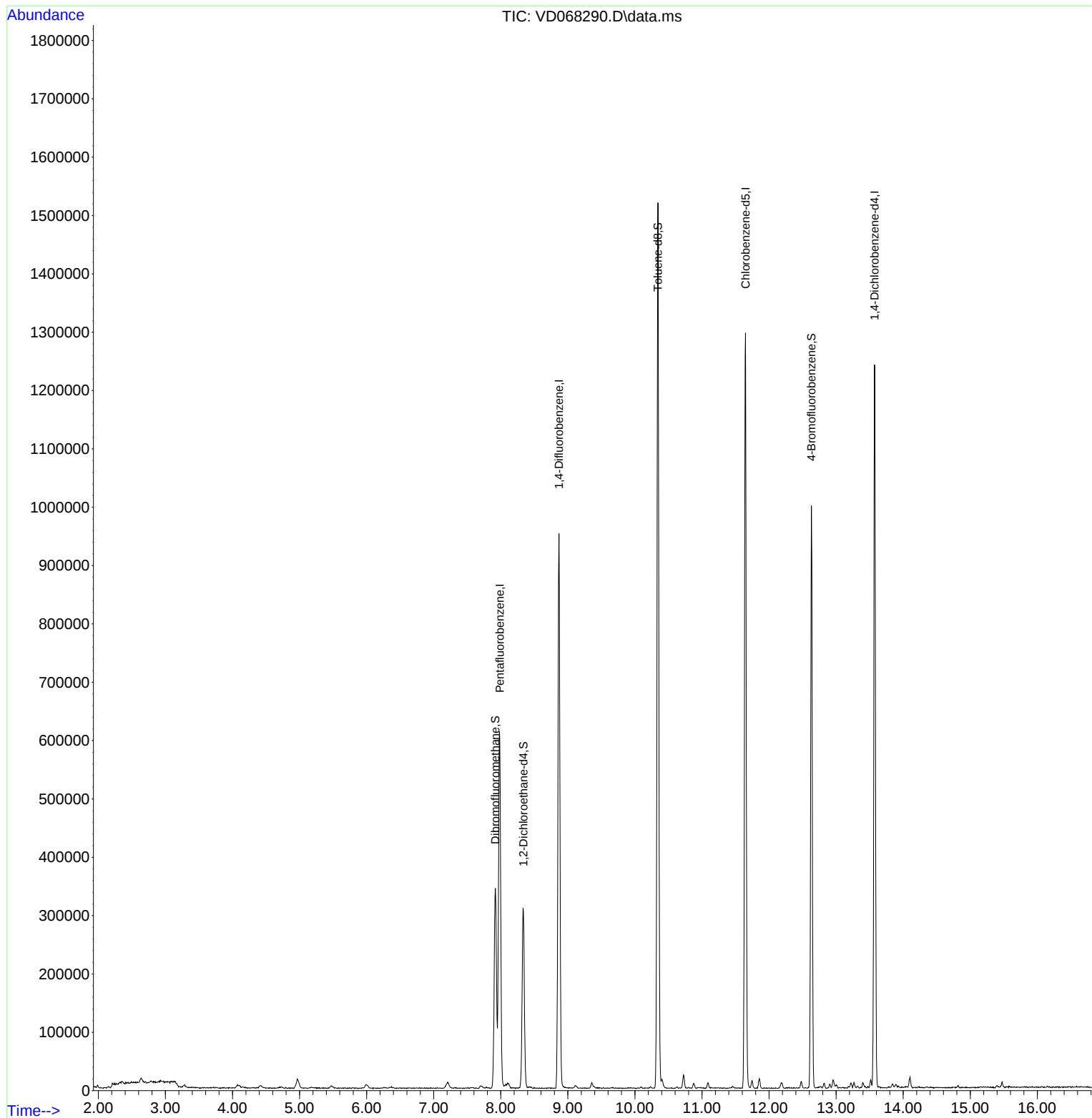
Target Compounds	Qvalue

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

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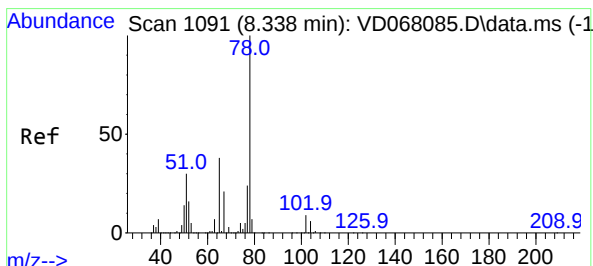
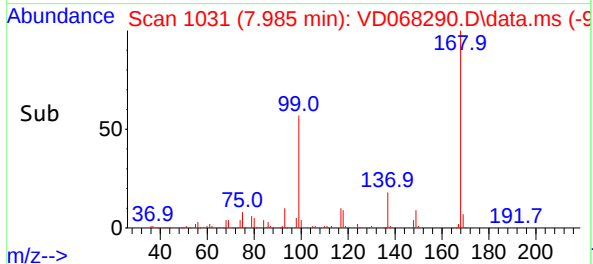
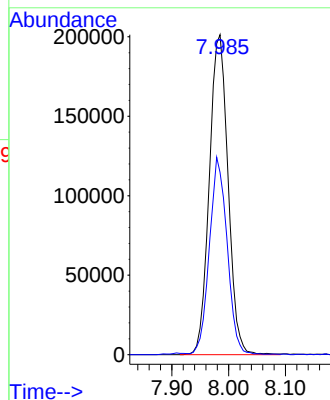
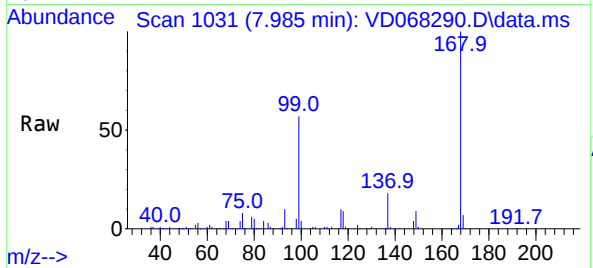




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

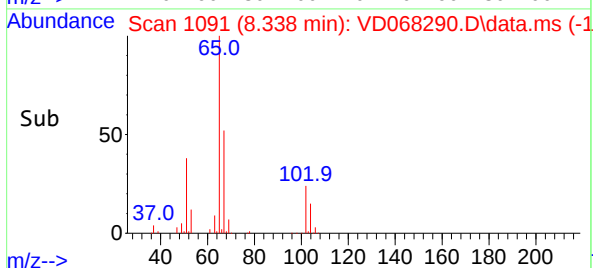
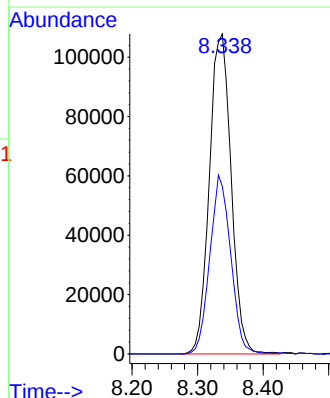
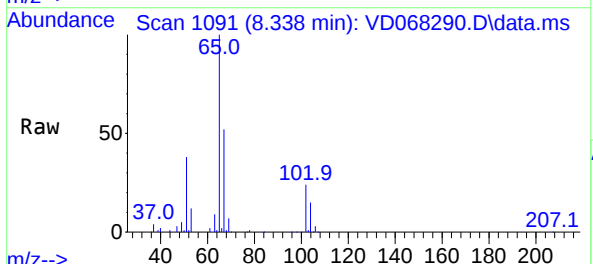
Instrument :
MSVOA_D
ClientSampled :
SP-1A

Tgt Ion:168 Resp: 459770
Ion Ratio Lower Upper
168 100
99 56.9 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 56.71 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

Tgt Ion: 65 Resp: 249420
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0



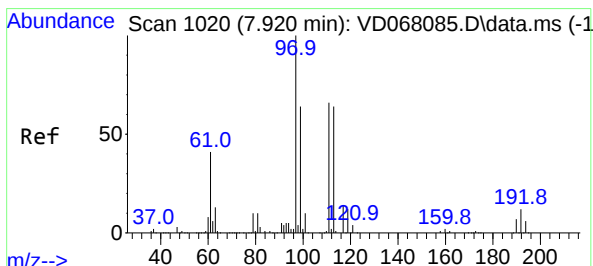
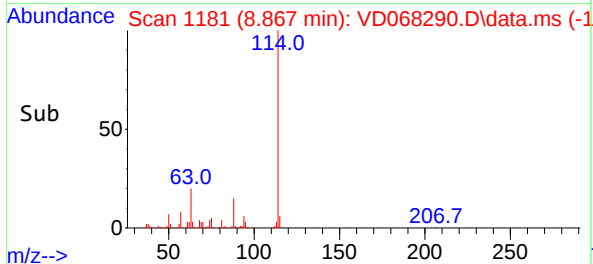
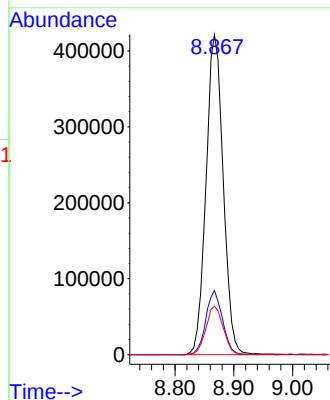
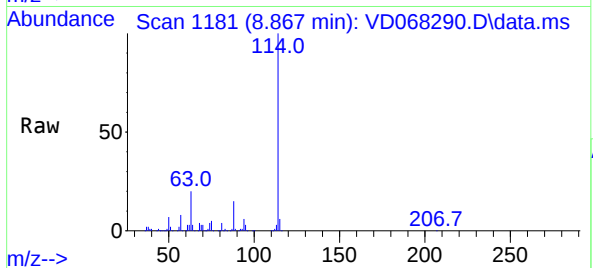


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

Instrument :
MSVOA_D
ClientSampleId :
SP-1A

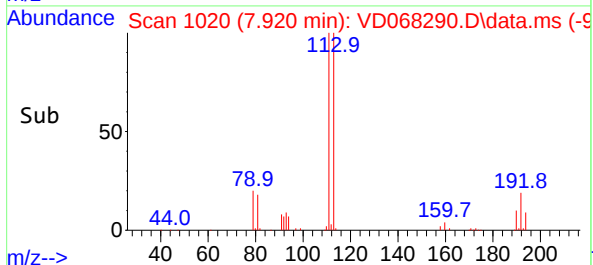
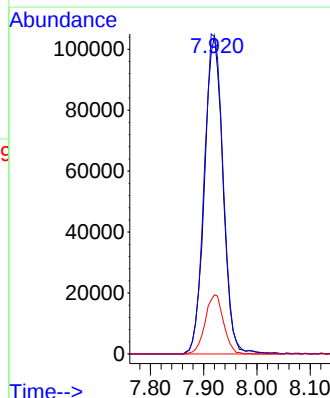
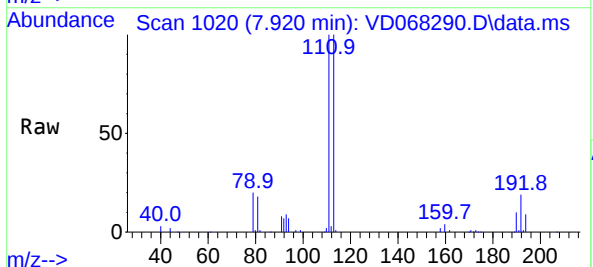
Tgt Ion:114 Resp: 855759
Ion Ratio Lower Upper
114 100
63 20.0 0.0 34.8
88 15.1 0.0 31.6

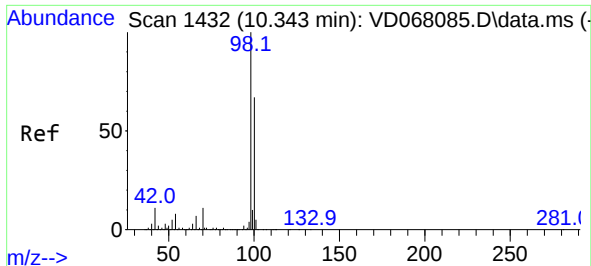


#35

Dibromofluoromethane
Concen: 53.08 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

Tgt Ion:113 Resp: 251151
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 18.5 16.1 24.1

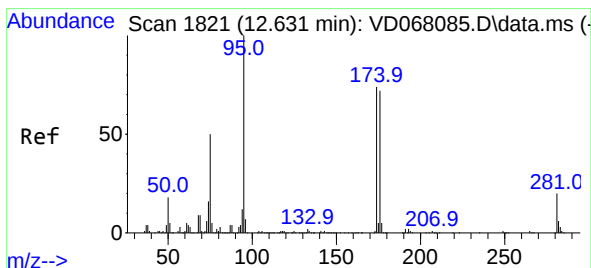
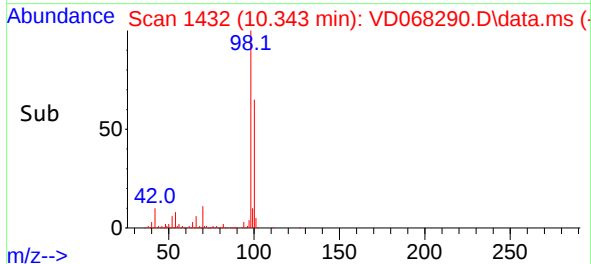
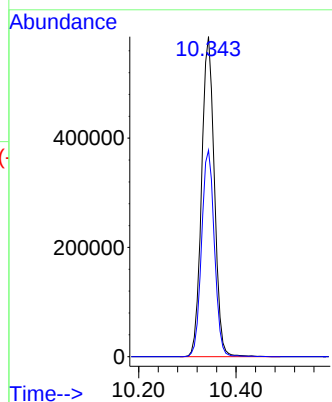
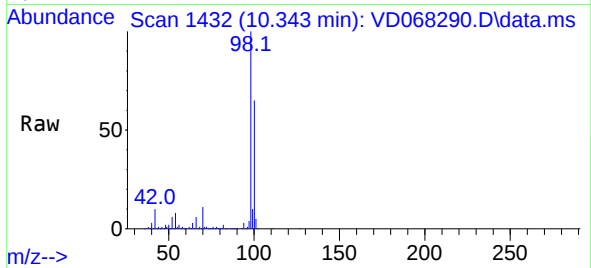




#50
Toluene-d8
Concen: 56.26 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

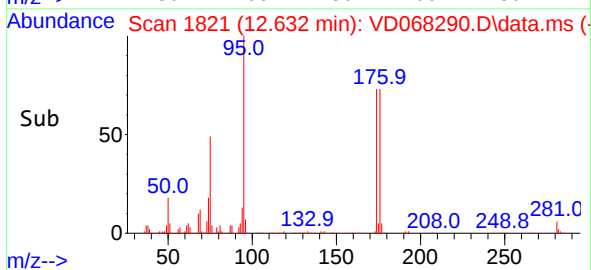
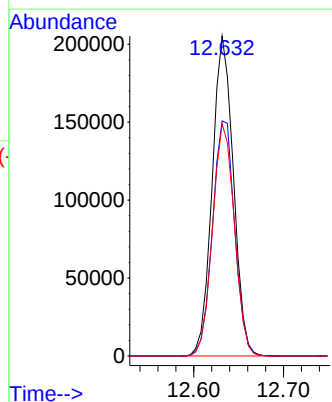
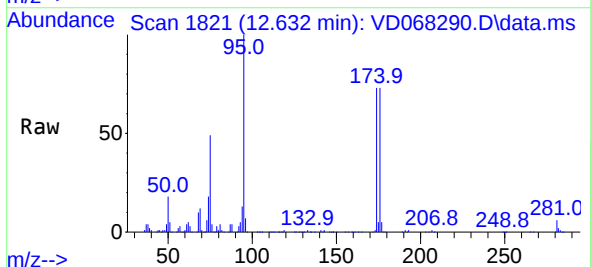
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

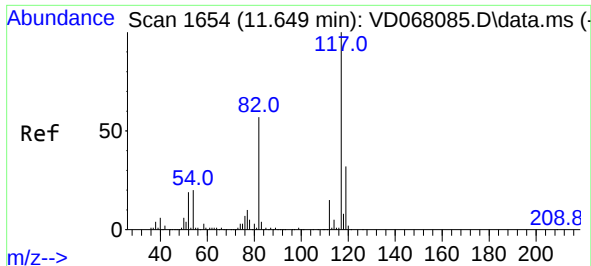
Tgt Ion: 98 Resp: 1064760
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

Tgt Ion: 95 Resp: 335937
Ion Ratio Lower Upper
95 100
174 77.2 0.0 172.4
176 74.3 0.0 168.4



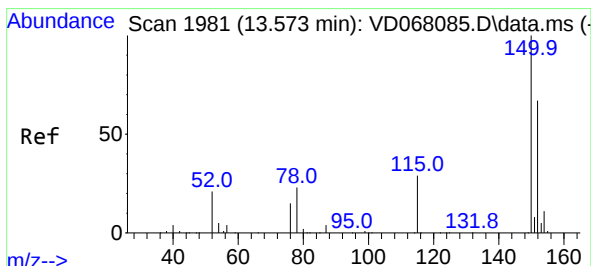
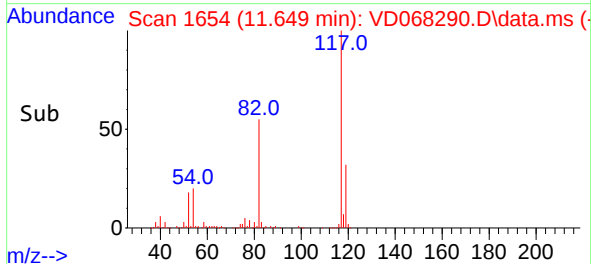
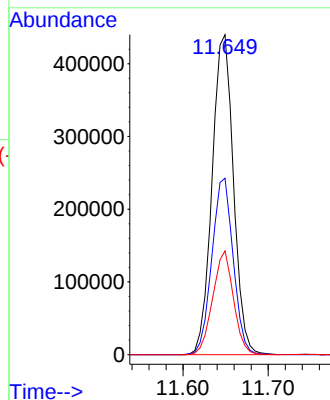
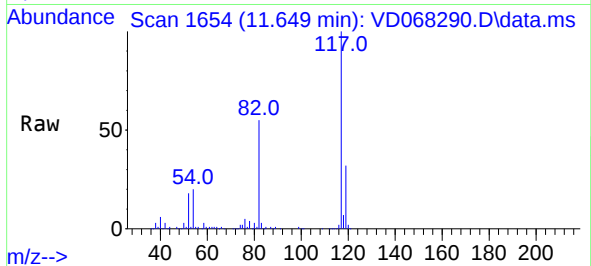


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

Instrument :
MSVOA_D
ClientSampleId :
SP-1A

Tgt Ion:117 Resp: 767638

Ion	Ratio	Lower	Upper
117	100		
82	55.1	41.4	62.0
119	32.4	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

Tgt Ion:152 Resp: 338762

Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.9	86.8
150	155.8	0.0	344.4

