

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068799.D
 Acq On : 08 Apr 2021 19:52
 Operator : VA/SY
 Sample : M1979-03
 Misc : 4.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-3

Quant Time: Apr 09 01:05:27 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	433191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	805986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	873343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	431317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	212948	46.51	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.02%
35) Dibromofluoromethane	7.920	113	246684	47.06	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.12%
50) Toluene-d8	10.338	98	1026650	51.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.82%
62) 4-Bromofluorobenzene	12.632	95	395436	60.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.40%

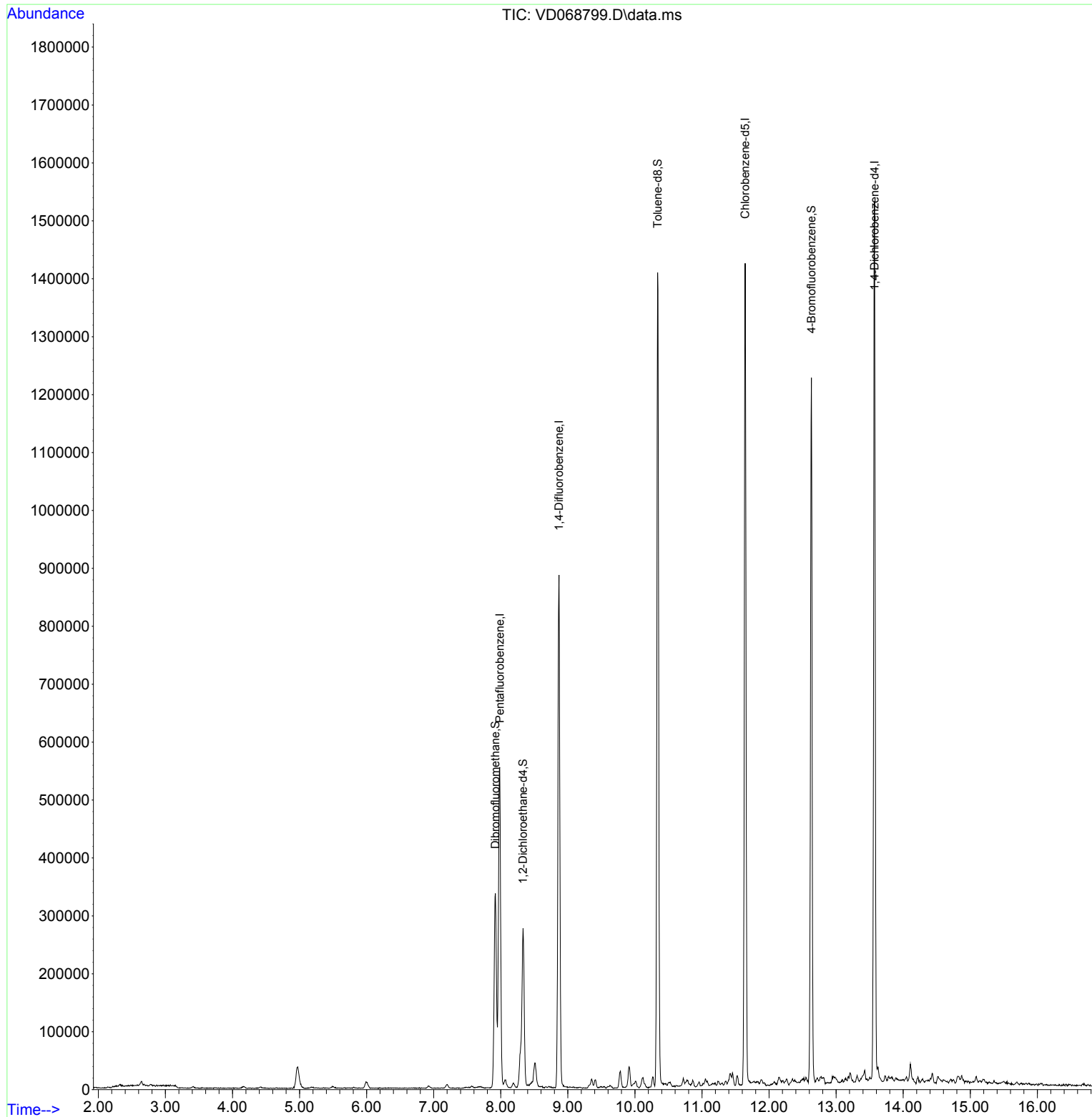
Target Compounds	Qvalue

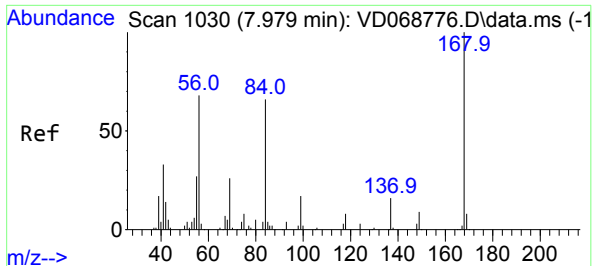
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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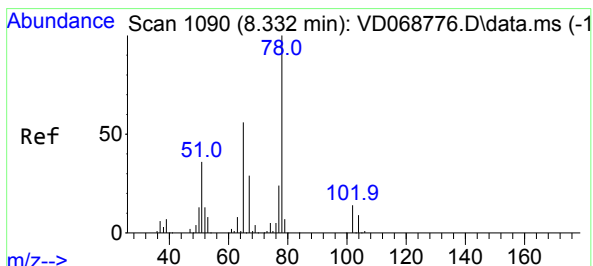
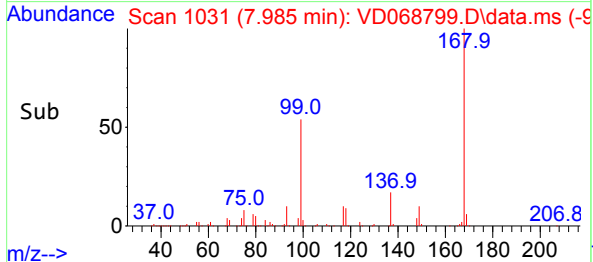
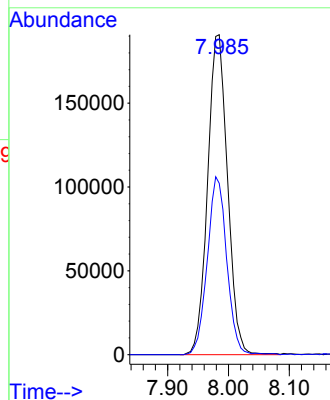
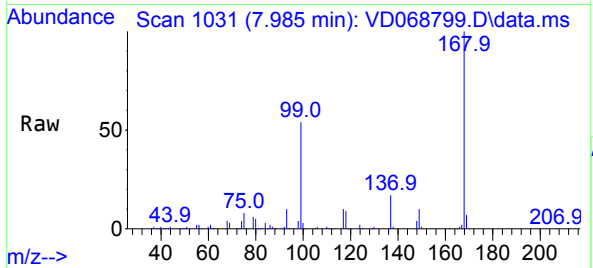




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068799.D
Acq: 08 Apr 2021 19:52

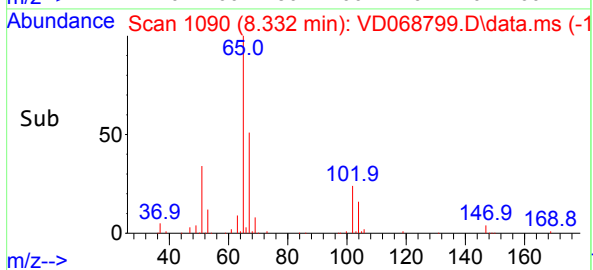
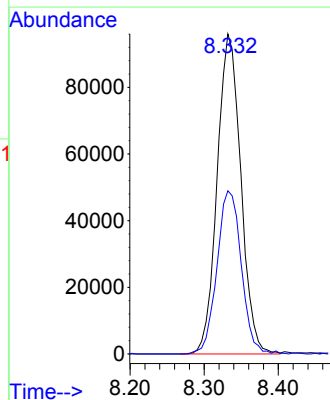
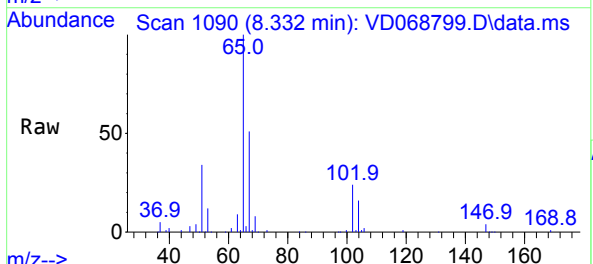
Instrument :
MSVOA_D
ClientSampled :
S-3

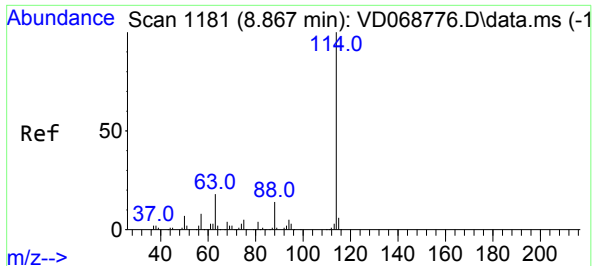
Tgt Ion:168 Resp: 433191
Ion Ratio Lower Upper
168 100
99 53.5 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 46.51 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068799.D
Acq: 08 Apr 2021 19:52

Tgt Ion: 65 Resp: 212948
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0

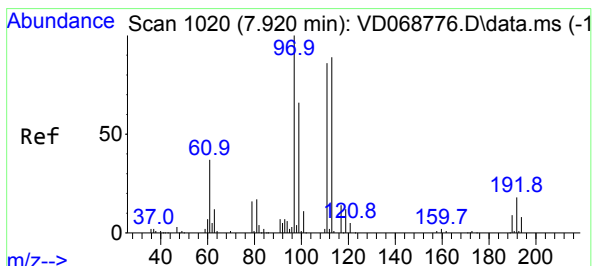
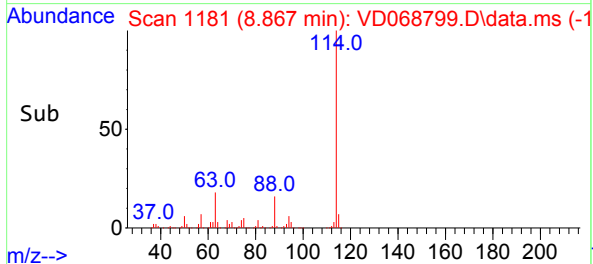
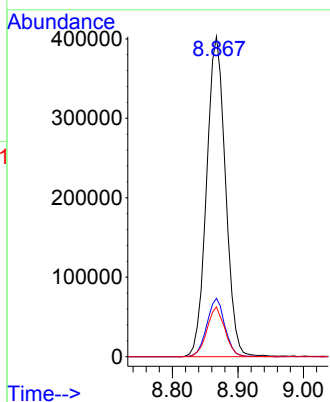
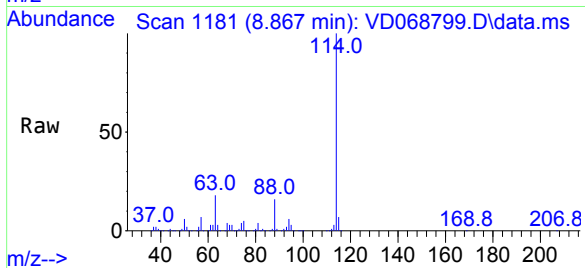




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068799.D
Acq: 08 Apr 2021 19:52

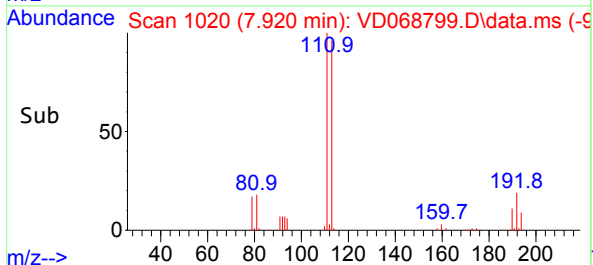
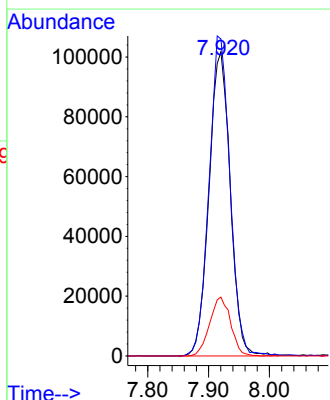
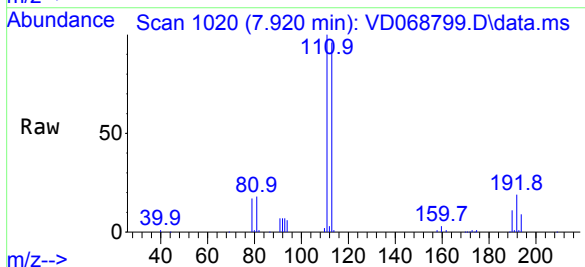
Instrument :
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ClientSampled :
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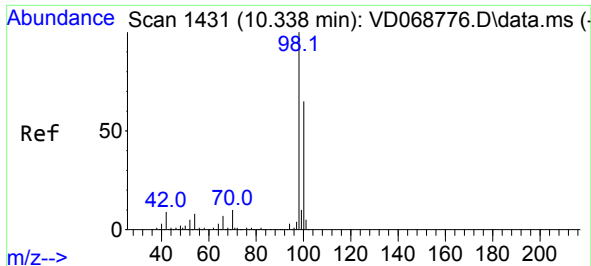
Tgt Ion:114 Resp: 805986
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.2
88 15.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.06 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068799.D
Acq: 08 Apr 2021 19:52

Tgt Ion:113 Resp: 246684
Ion Ratio Lower Upper
113 100
111 103.5 82.5 123.7
192 19.1 15.1 22.7

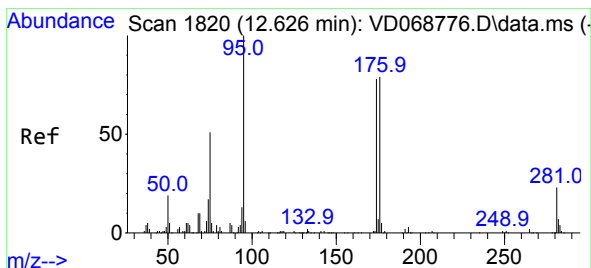
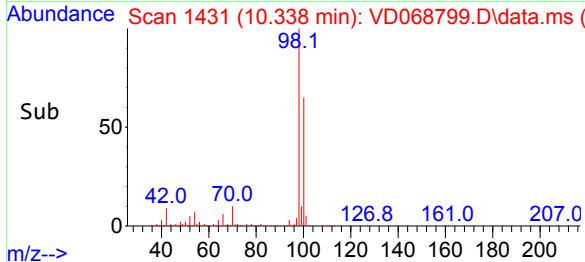
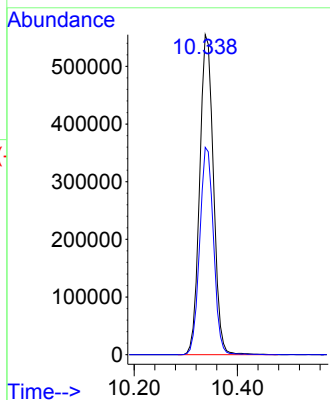
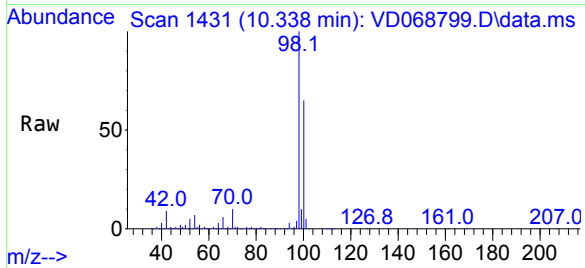




#50
Toluene-d8
Concen: 51.91 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068799.D
Acq: 08 Apr 2021 19:52

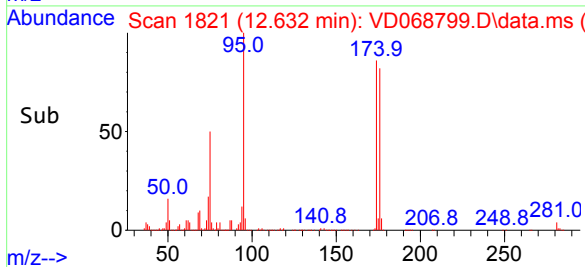
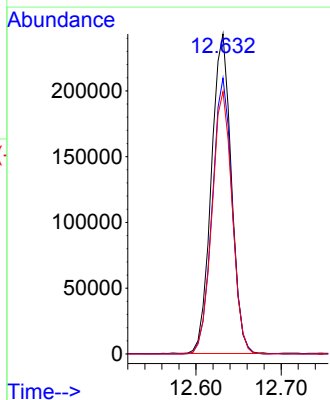
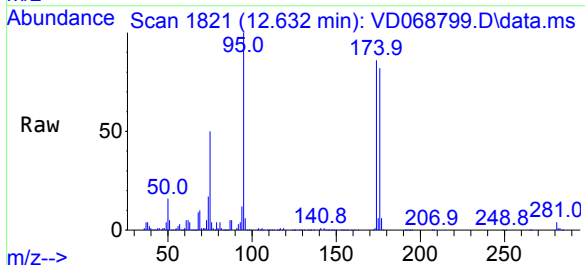
Instrument :
MSVOA_D
ClientSampled :
S-3

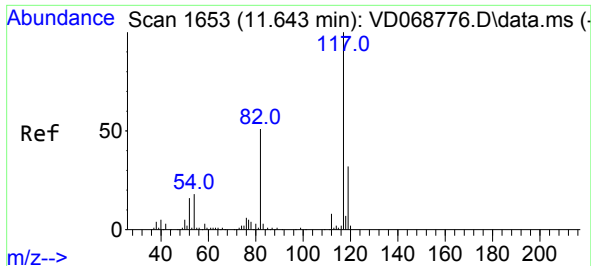
Tgt Ion: 98 Resp: 1026650
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068799.D
Acq: 08 Apr 2021 19:52

Tgt Ion: 95 Resp: 395436
Ion Ratio Lower Upper
95 100
174 86.0 0.0 168.0
176 82.7 0.0 160.2

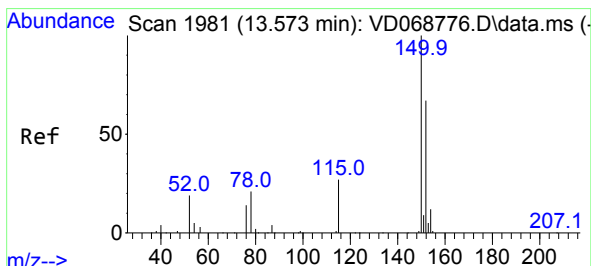
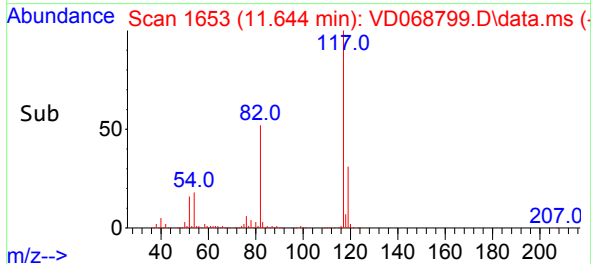
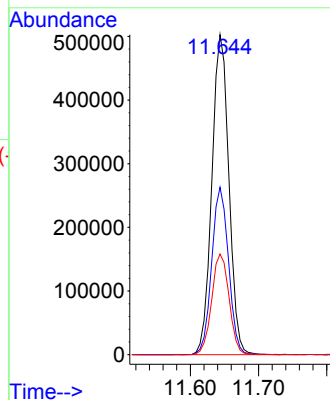
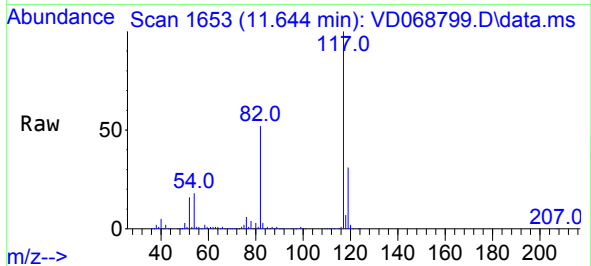




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068799.D
Acq: 08 Apr 2021 19:52

Instrument :
MSVOA_D
ClientSampled :
S-3

Tgt Ion:	117	Resp:	873343
Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.5	65.3
119	31.5	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: VD068799.D
Acq: 08 Apr 2021 19:52

Tgt Ion:	152	Resp:	431317
Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.3	87.8
150	157.3	0.0	347.6

