

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068788.D
 Acq On : 08 Apr 2021 14:44
 Operator : VA/SY
 Sample : M1979-15
 Misc : 4.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-15

Quant Time: Apr 09 01:02:27 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	401003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	715452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	734101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	368358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	183269	43.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.48%
35) Dibromofluoromethane	7.920	113	216189	46.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.92%
50) Toluene-d8	10.338	98	887521	50.56	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.12%
62) 4-Bromofluorobenzene	12.632	95	333811	57.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.50%

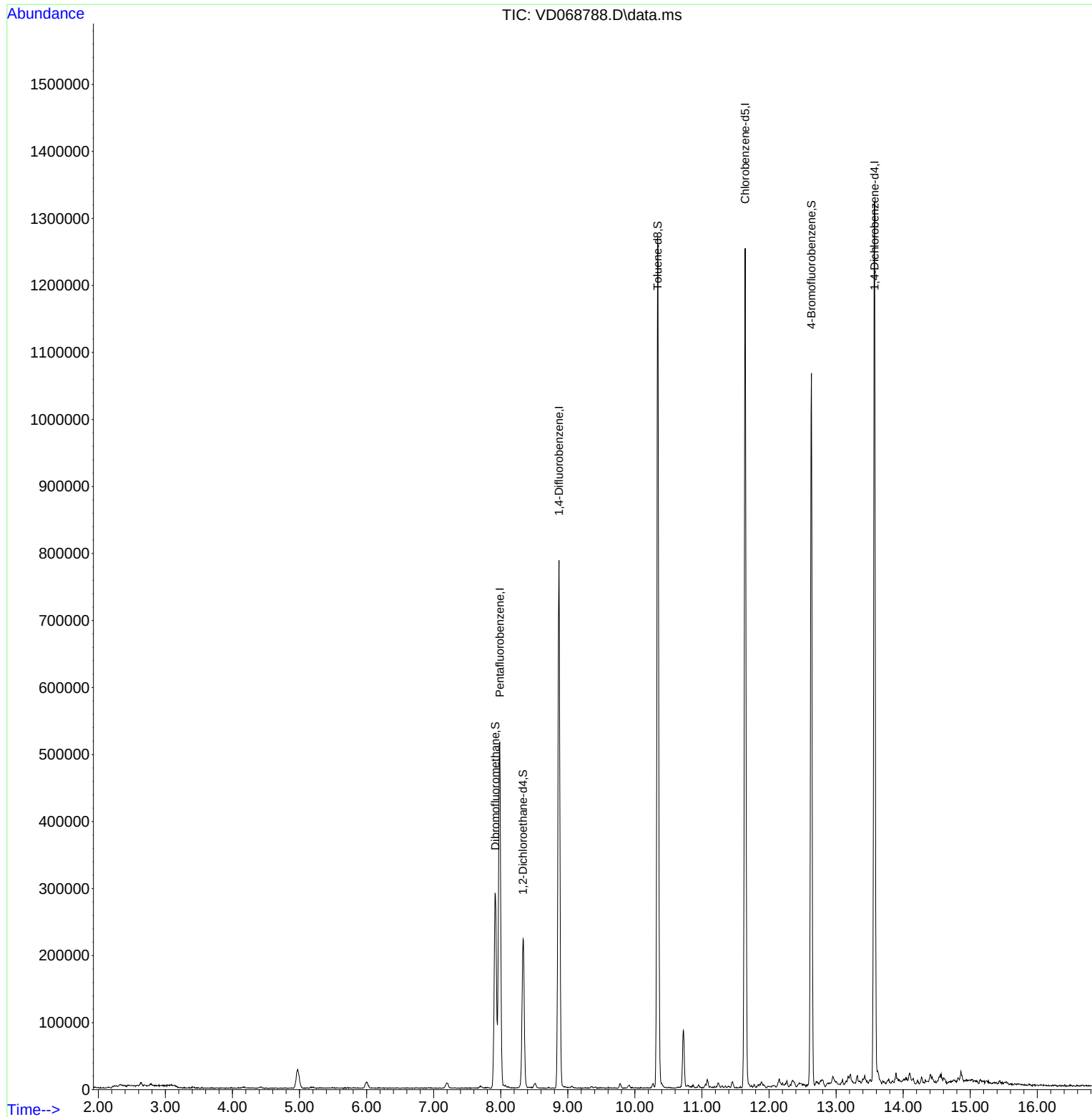
Target Compounds	Qvalue

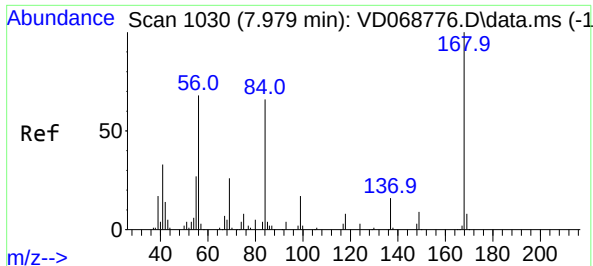
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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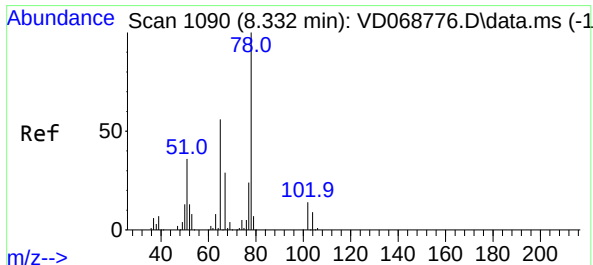
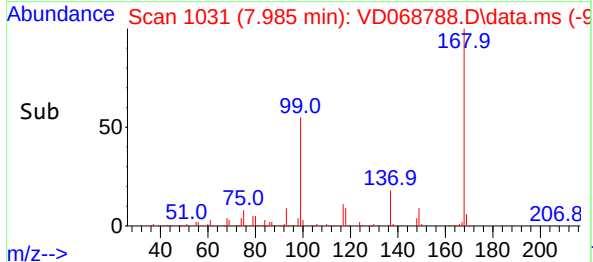
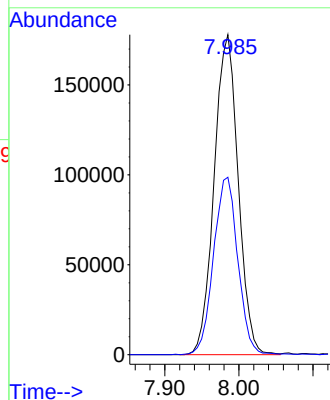
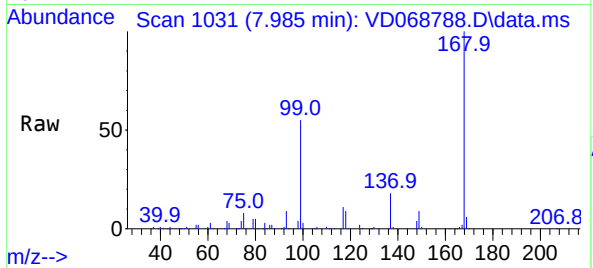




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068788.D
Acq: 08 Apr 2021 14:44

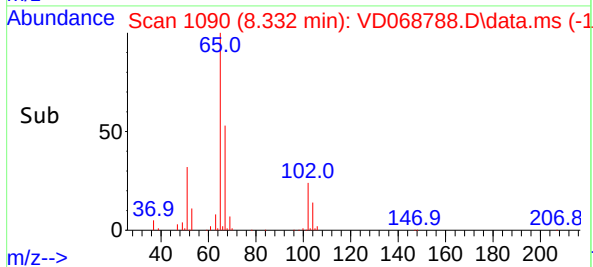
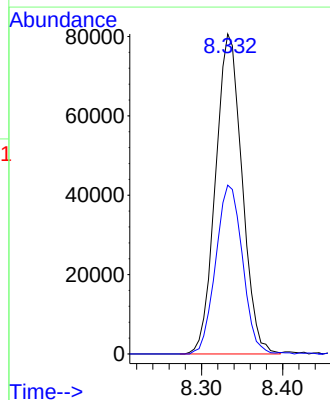
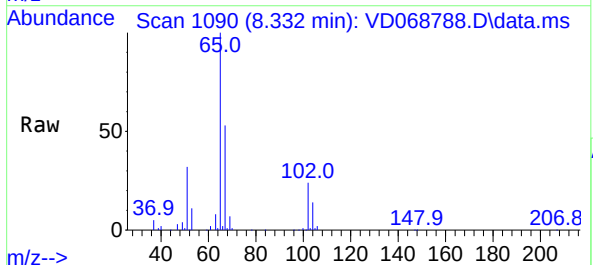
Instrument :
MSVOA_D
ClientSampled :
S-15

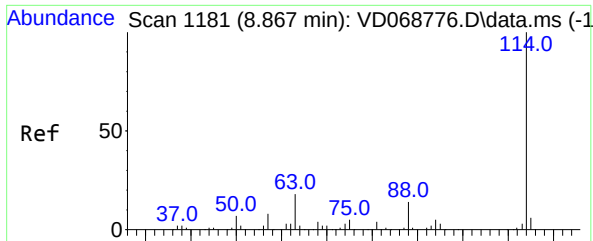
Tgt Ion:168 Resp: 401003
Ion Ratio Lower Upper
168 100
99 55.4 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 43.24 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068788.D
Acq: 08 Apr 2021 14:44

Tgt Ion: 65 Resp: 183269
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0

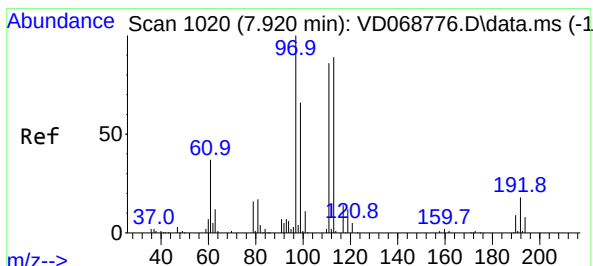
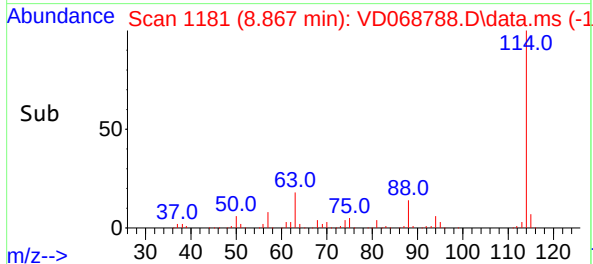
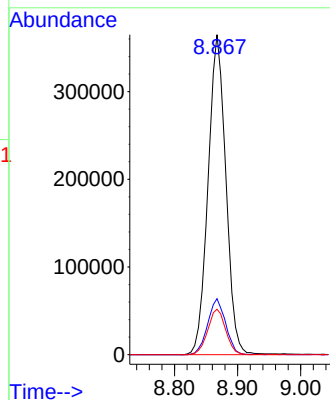
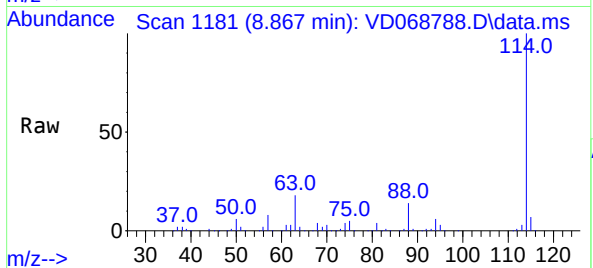




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068788.D
Acq: 08 Apr 2021 14:44

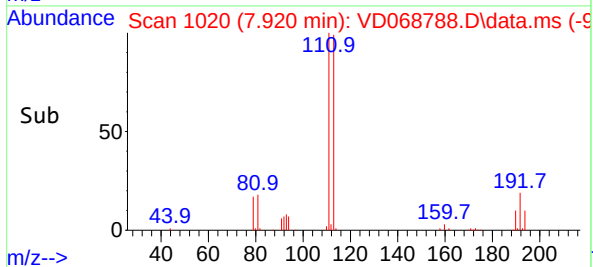
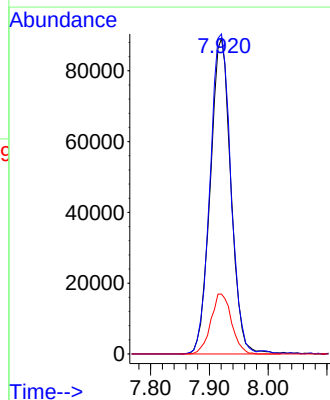
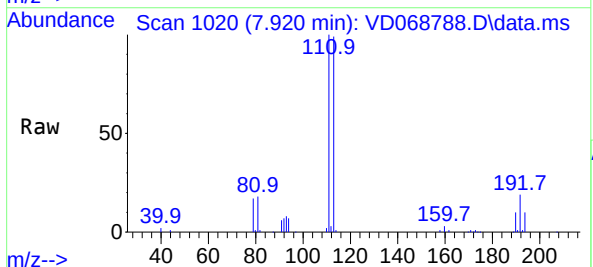
Instrument :
MSVOA_D
ClientSampled :
S-15

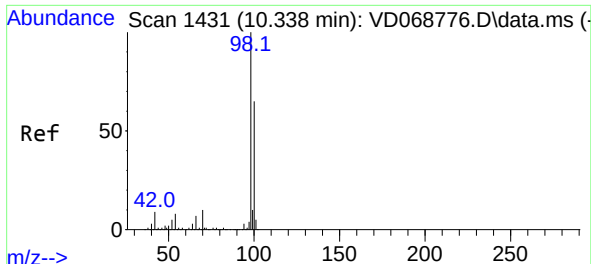
Tgt Ion:114 Resp: 715452
Ion Ratio Lower Upper
114 100
63 17.5 0.0 38.2
88 14.2 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.46 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068788.D
Acq: 08 Apr 2021 14:44

Tgt Ion:113 Resp: 216189
Ion Ratio Lower Upper
113 100
111 102.2 82.5 123.7
192 19.1 15.1 22.7

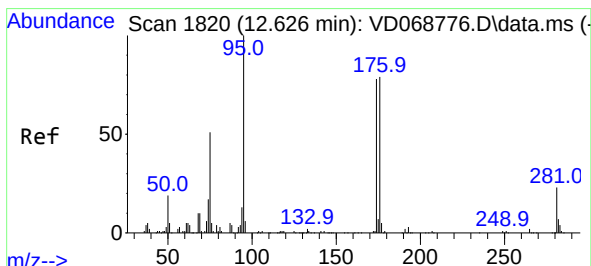
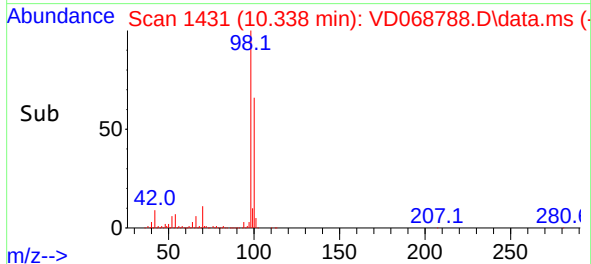
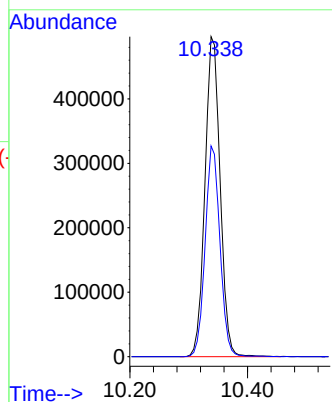
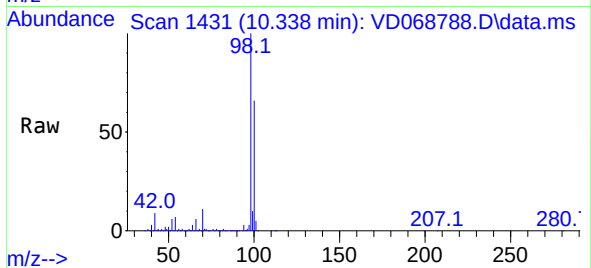




#50
Toluene-d8
Concen: 50.56 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068788.D
Acq: 08 Apr 2021 14:44

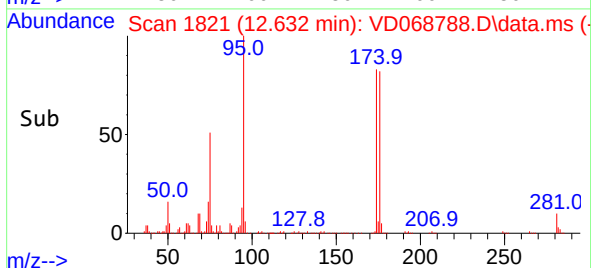
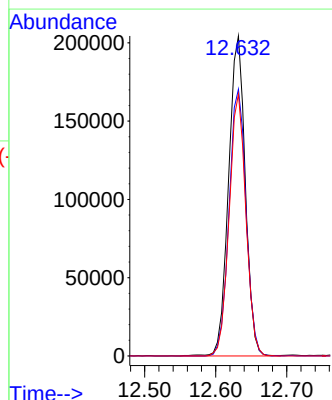
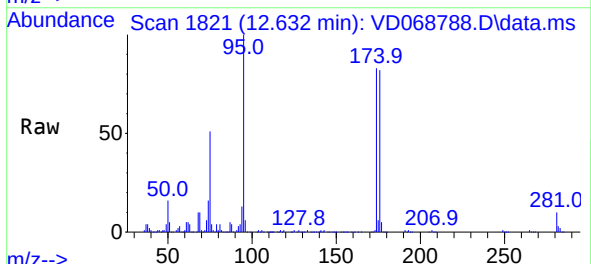
Instrument :
MSVOA_D
ClientSampled :
S-15

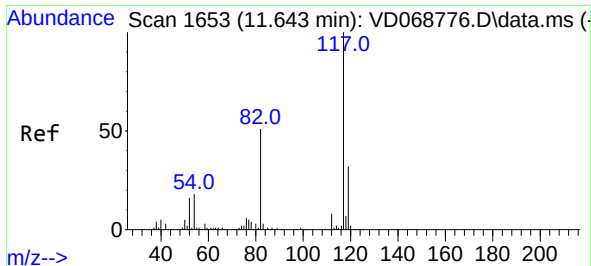
Tgt Ion: 98 Resp: 887521
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 57.25 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068788.D
Acq: 08 Apr 2021 14:44

Tgt Ion: 95 Resp: 333811
Ion Ratio Lower Upper
95 100
174 84.7 0.0 168.0
176 81.5 0.0 160.2

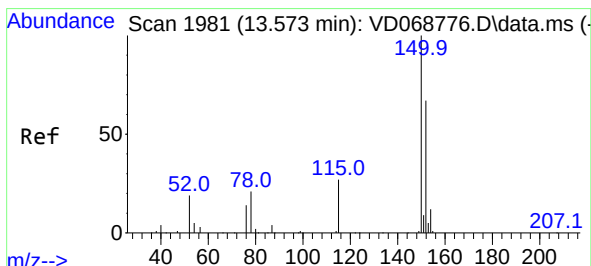
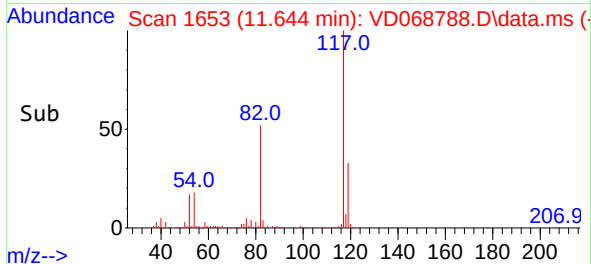
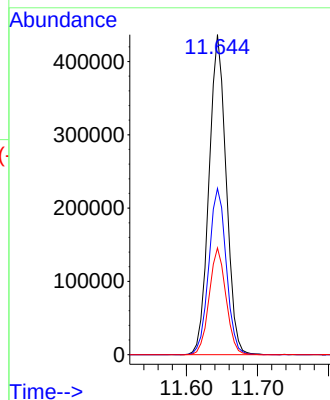
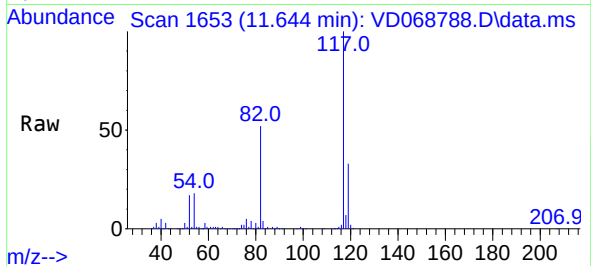




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068788.D
Acq: 08 Apr 2021 14:44

Instrument :
MSVOA_D
ClientSampled :
S-15

Tgt Ion:	117	Resp:	734101
Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.5	65.3
119	33.3	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: VD068788.D
Acq: 08 Apr 2021 14:44

Tgt Ion:	152	Resp:	368358
Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.3	87.8
150	156.2	0.0	347.6

