

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068794.D
 Acq On : 08 Apr 2021 17:32
 Operator : VA/SY
 Sample : M1979-21
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-21

Quant Time: Apr 09 01:03:56 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	409945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	759696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	823080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	394810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	196463	45.35	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.70%
35) Dibromofluoromethane	7.920	113	241188	48.81	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.62%
50) Toluene-d8	10.338	98	976531	52.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.78%
62) 4-Bromofluorobenzene	12.632	95	389945	62.99	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.98%

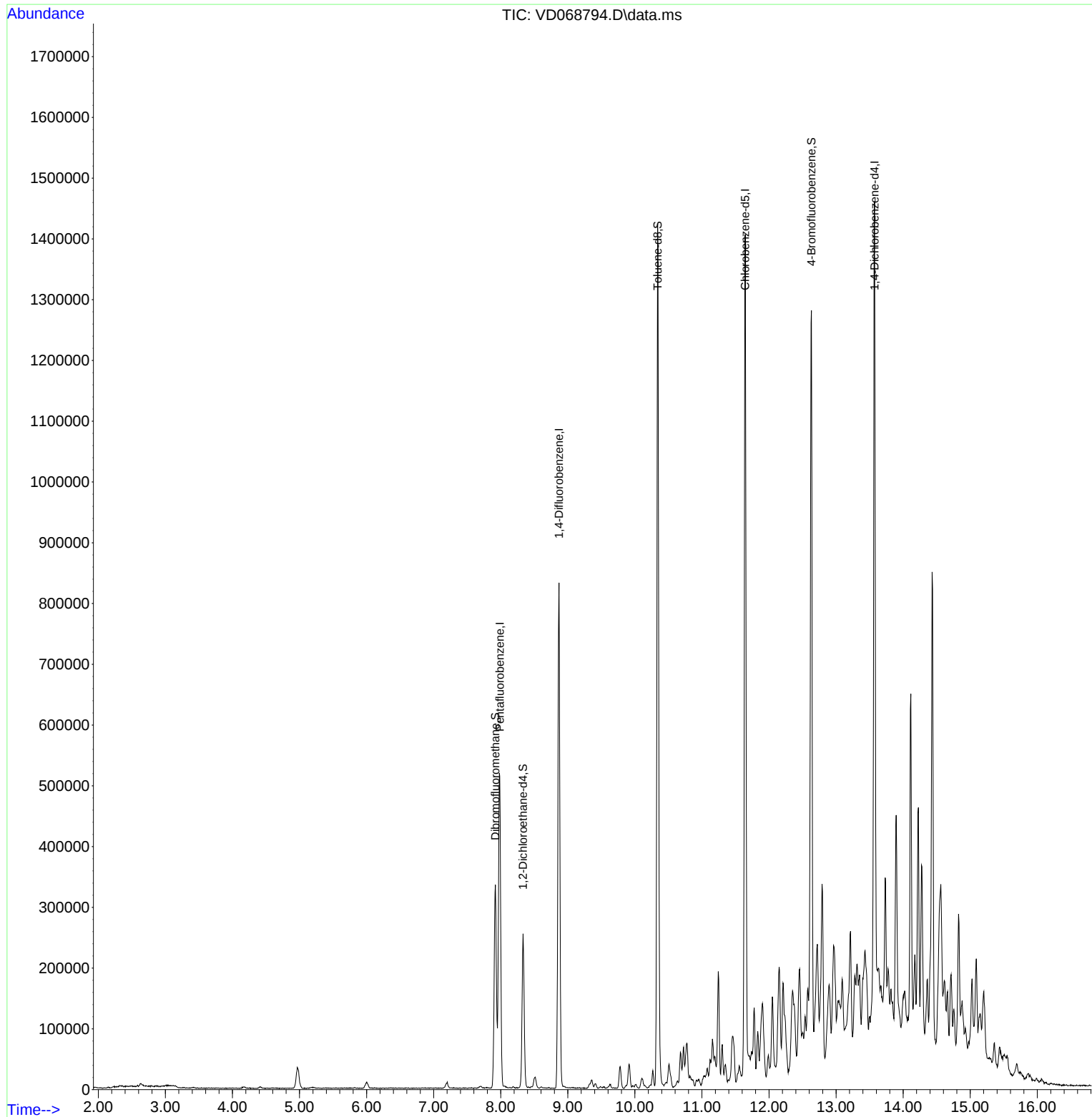
Target Compounds	Qvalue

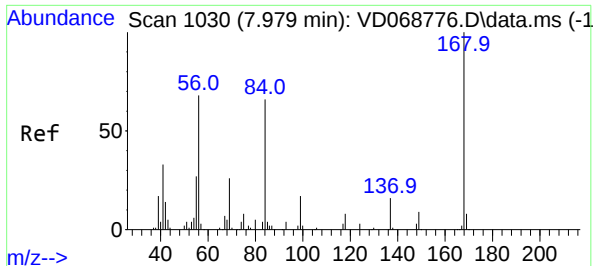
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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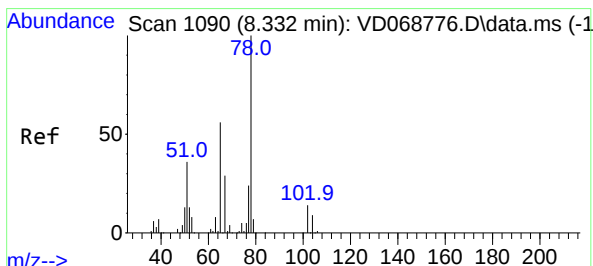
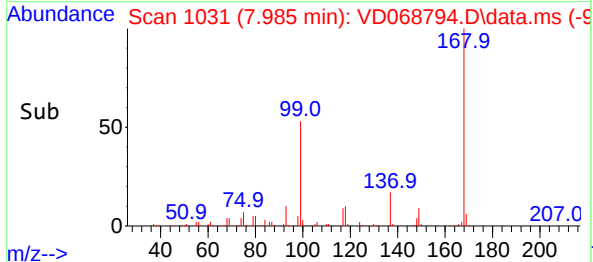
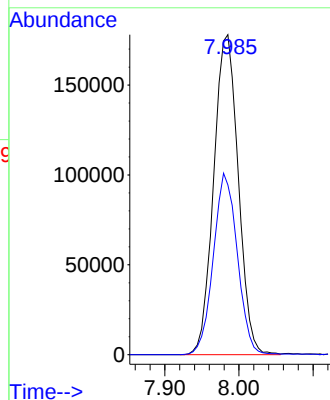
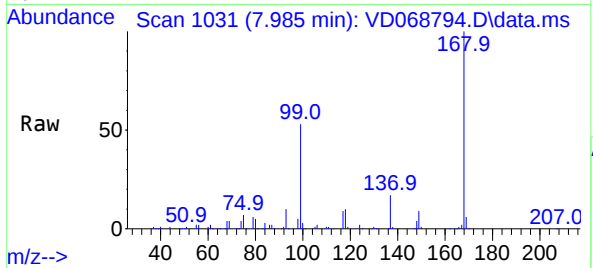




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068794.D
Acq: 08 Apr 2021 17:32

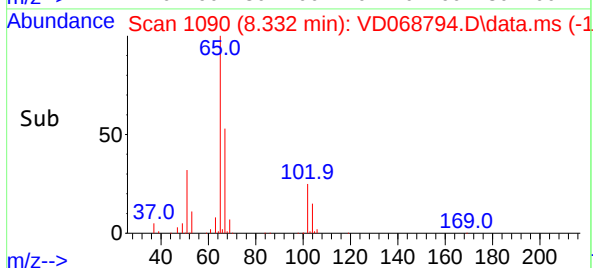
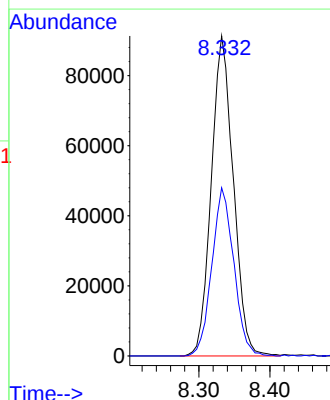
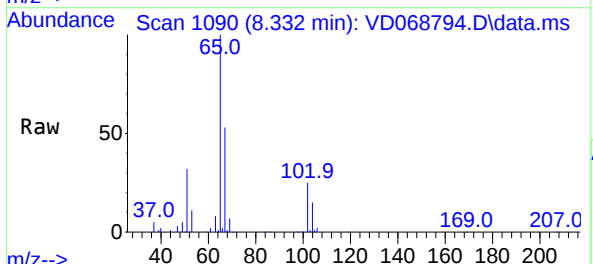
Instrument :
MSVOA_D
ClientSampled :
S-21

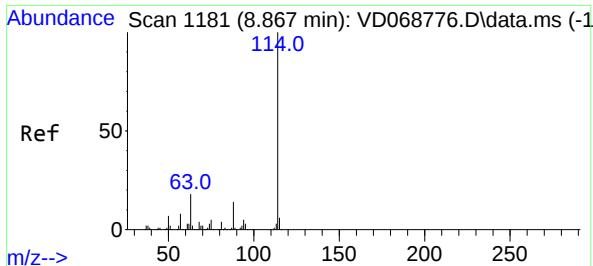
Tgt Ion:168 Resp: 409945
Ion Ratio Lower Upper
168 100
99 53.1 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 45.35 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068794.D
Acq: 08 Apr 2021 17:32

Tgt Ion: 65 Resp: 196463
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0



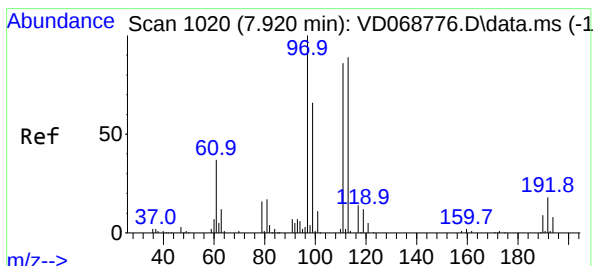
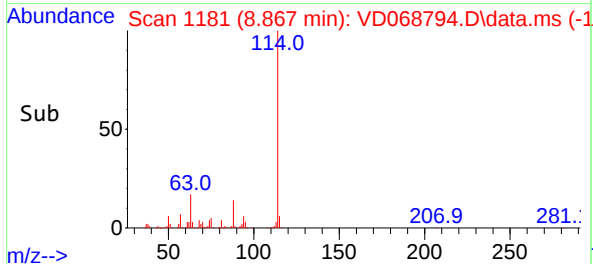
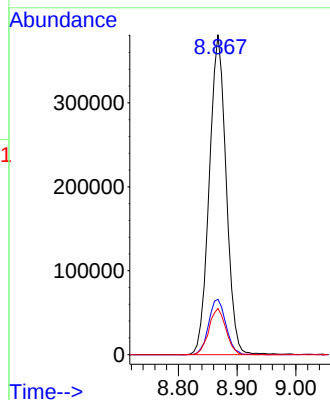
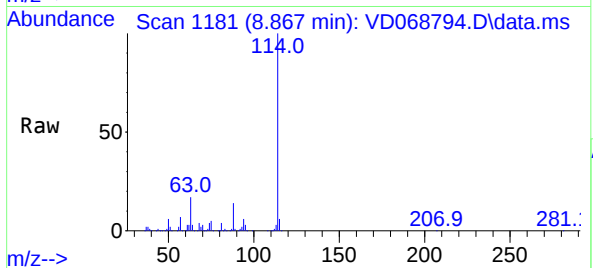


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068794.D
Acq: 08 Apr 2021 17:32

Instrument :
MSVOA_D
ClientSampled :
S-21

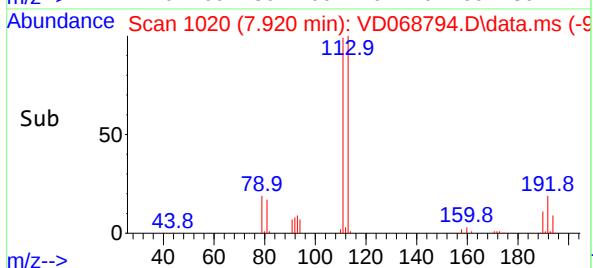
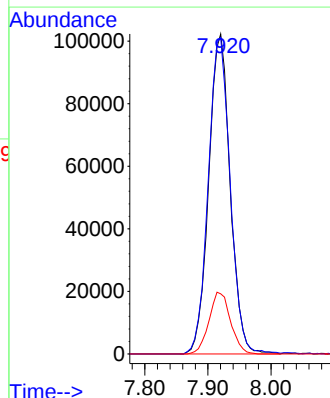
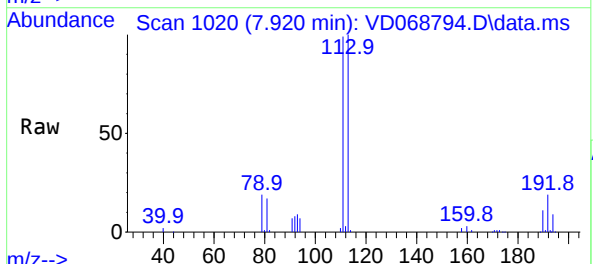
Tgt Ion:	114	Resp:	759696
Ion Ratio	Lower	Upper	
114	100		
63	17.3	0.0	38.2
88	14.5	0.0	29.4

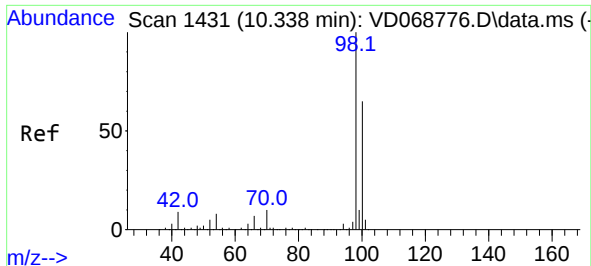


#35

Dibromofluoromethane
Concen: 48.81 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068794.D
Acq: 08 Apr 2021 17:32

Tgt Ion:	113	Resp:	241188
Ion Ratio	Lower	Upper	
113	100		
111	101.2	82.5	123.7
192	19.4	15.1	22.7

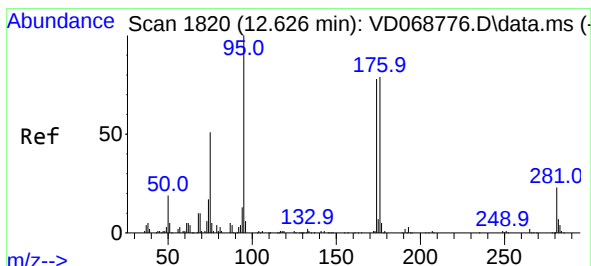
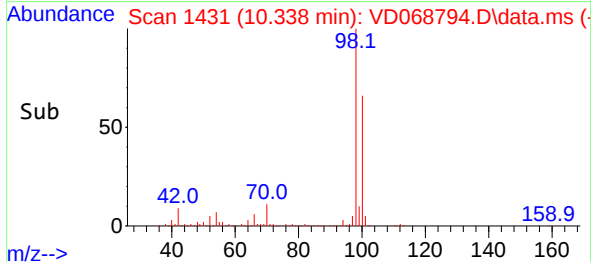
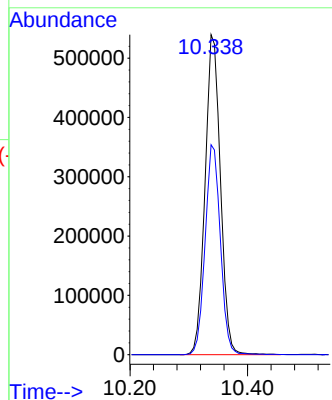
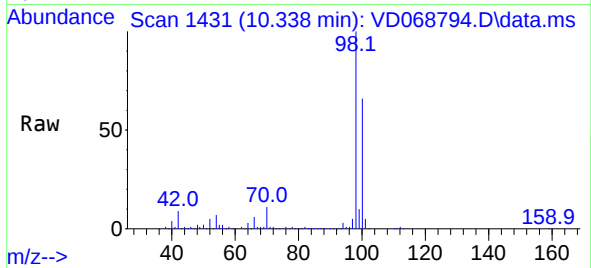




#50
Toluene-d8
Concen: 52.39 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068794.D
Acq: 08 Apr 2021 17:32

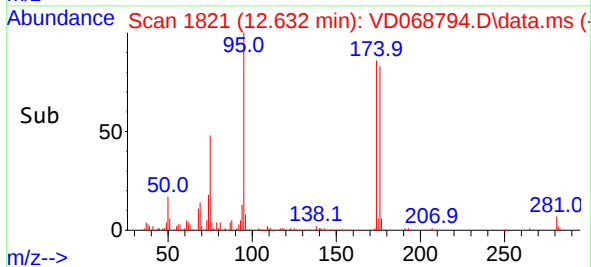
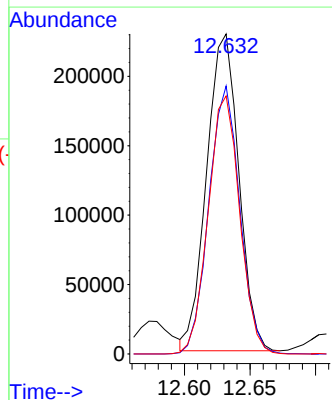
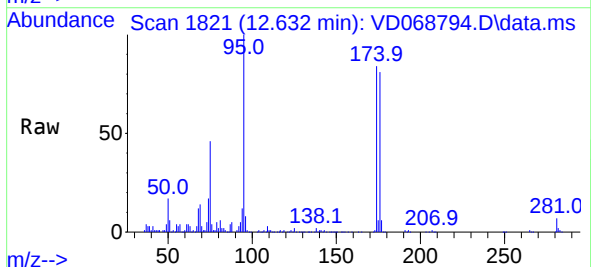
Instrument :
MSVOA_D
ClientSampled :
S-21

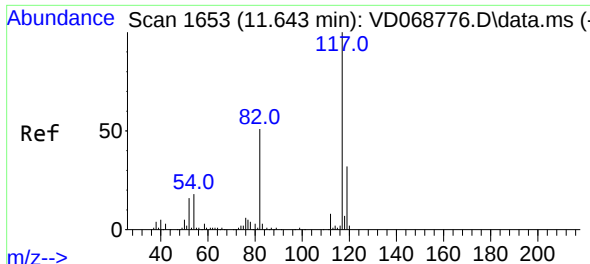
Tgt Ion: 98 Resp: 976531
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.99 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068794.D
Acq: 08 Apr 2021 17:32

Tgt Ion: 95 Resp: 389945
Ion Ratio Lower Upper
95 100
174 81.3 0.0 168.0
176 79.5 0.0 160.2

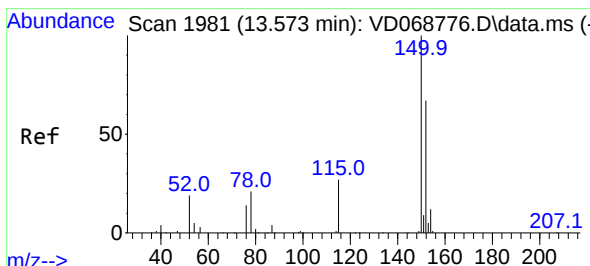
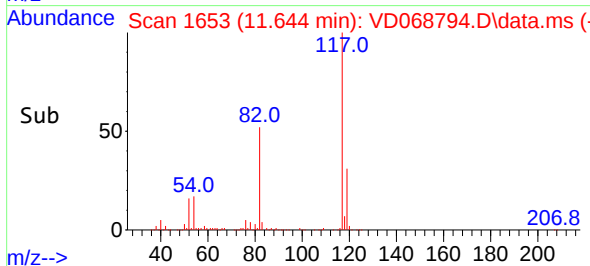
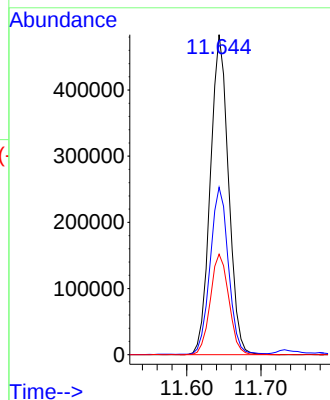
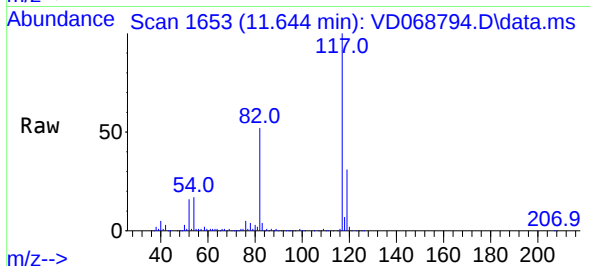




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068794.D
Acq: 08 Apr 2021 17:32

Instrument :
MSVOA_D
ClientSampled :
S-21

Tgt Ion:117 Resp: 823080
Ion Ratio Lower Upper
117 100
82 52.1 43.5 65.3
119 31.4 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: VD068794.D
Acq: 08 Apr 2021 17:32

Tgt Ion:152 Resp: 394810
Ion Ratio Lower Upper
152 100
115 58.2 29.3 87.8
150 157.2 0.0 347.6

