

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068817.D
 Acq On : 09 Apr 2021 17:43
 Operator : VA/SY
 Sample : M1979-03RE
 Misc : 4.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-3RE

Quant Time: Apr 10 00:44:52 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	7.979	168	57777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	98305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	118929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	68378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	38809	63.56	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.12%	
35) Dibromofluoromethane	7.914	113	35260	55.14	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.28%	
50) Toluene-d8	10.343	98	125241	51.92	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.84%	
62) 4-Bromofluorobenzene	12.626	95	60124	75.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 150.10%#	

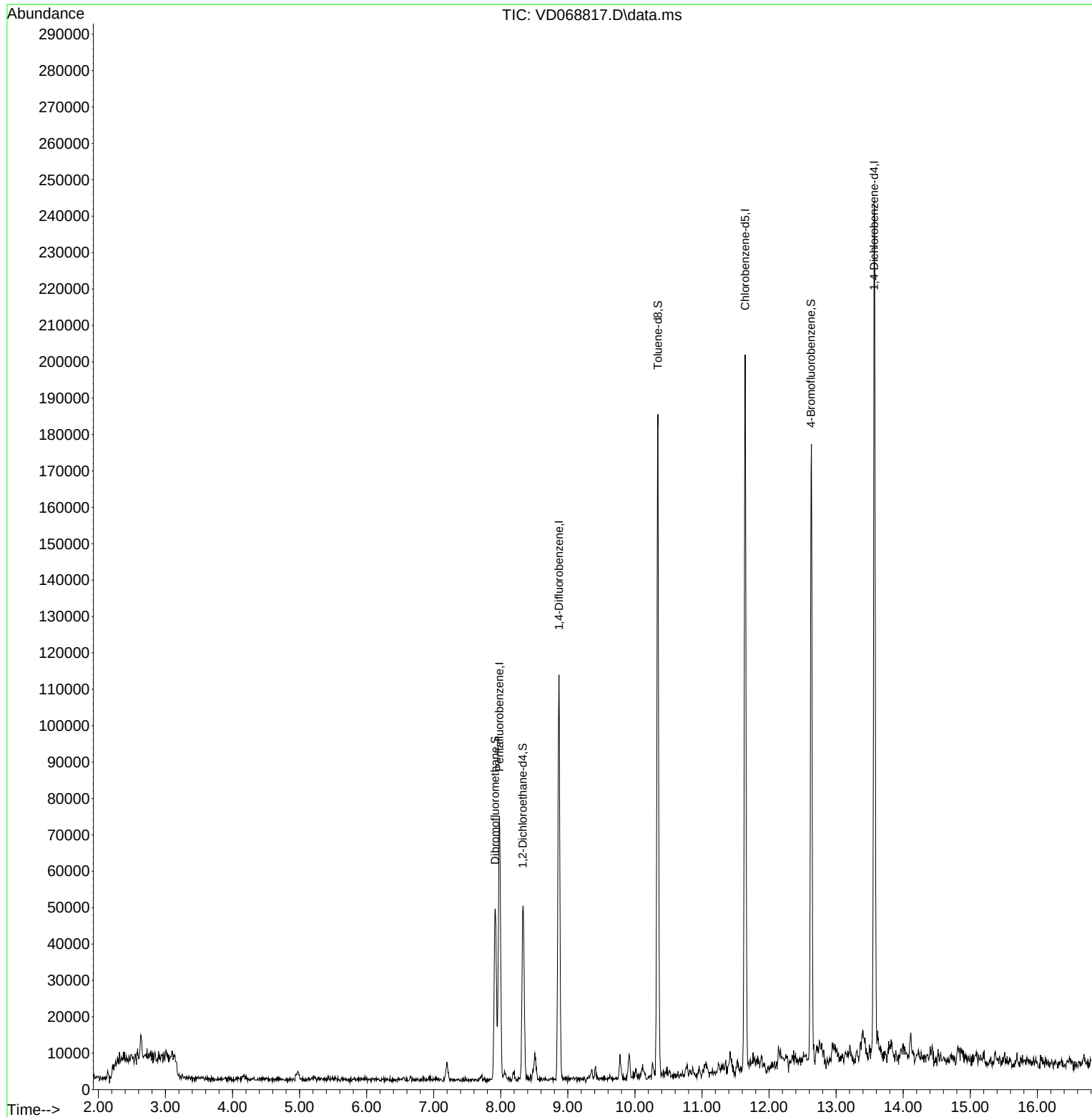
Target Compounds	Qvalue

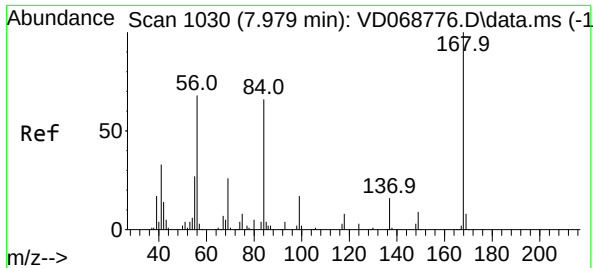
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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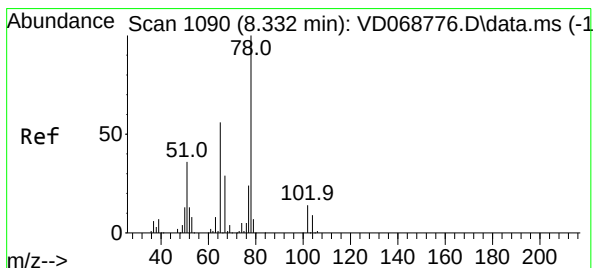
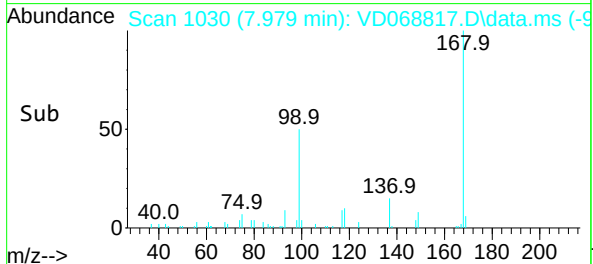
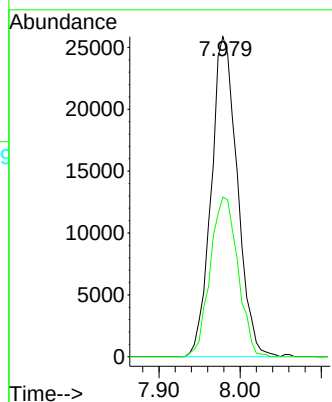
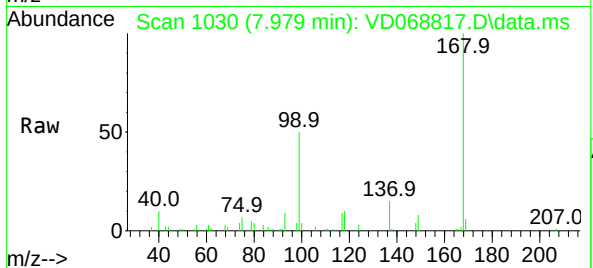




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068817.D
Acq: 09 Apr 2021 17:43

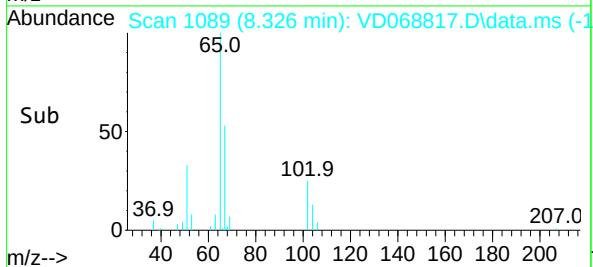
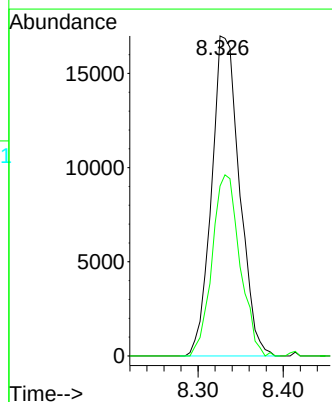
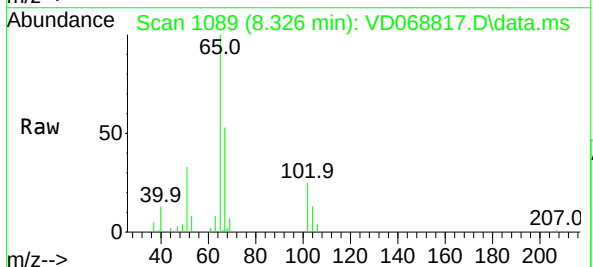
Instrument :
MSVOA_D
ClientSampleId :
S-3RE

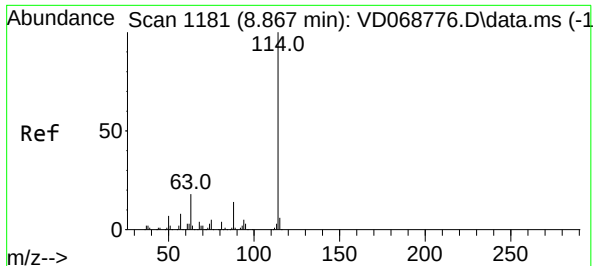
Tgt Ion:168 Resp: 57777
Ion Ratio Lower Upper
168 100
99 49.9 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 63.56 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD068817.D
Acq: 09 Apr 2021 17:43

Tgt Ion: 65 Resp: 38809
Ion Ratio Lower Upper
65 100
67 56.4 0.0 106.0

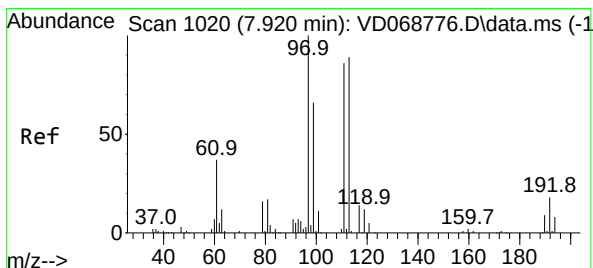
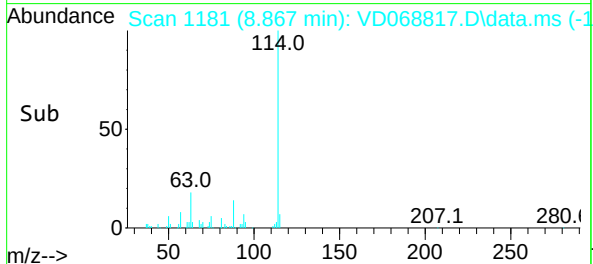
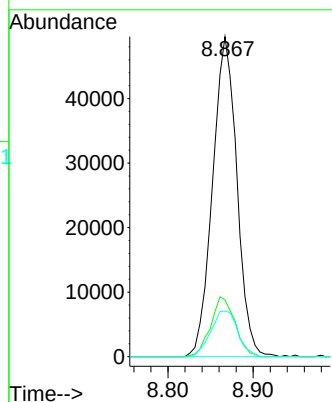
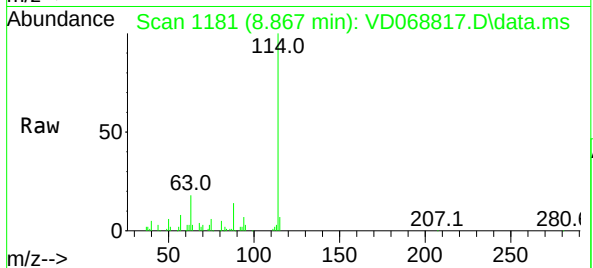




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068817.D
Acq: 09 Apr 2021 17:43

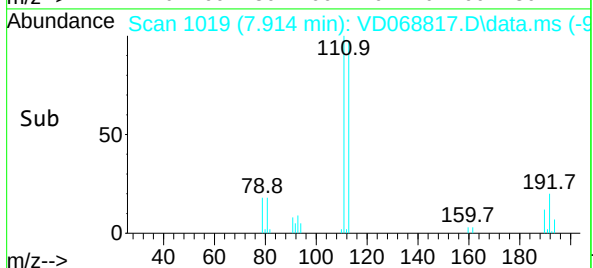
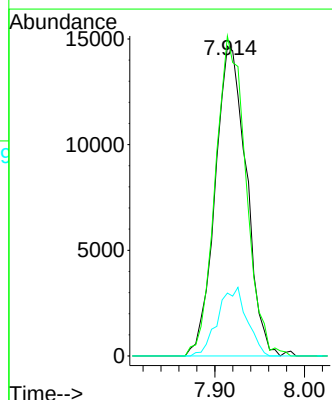
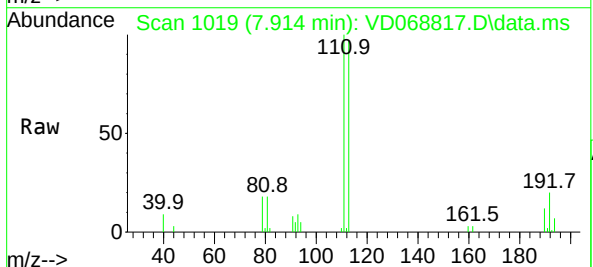
Instrument :
MSVOA_D
ClientSampled :
S-3RE

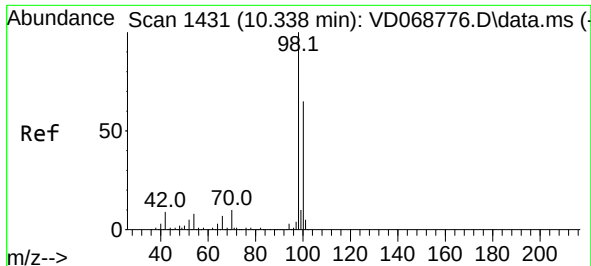
Tgt Ion:	114	Resp:	98305
Ion Ratio	Lower	Upper	
114	100		
63	17.7	0.0	38.2
88	14.2	0.0	29.4



#35
Dibromofluoromethane
Concen: 55.14 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068817.D
Acq: 09 Apr 2021 17:43

Tgt Ion:	113	Resp:	35260
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.5	123.7
192	20.7	15.1	22.7

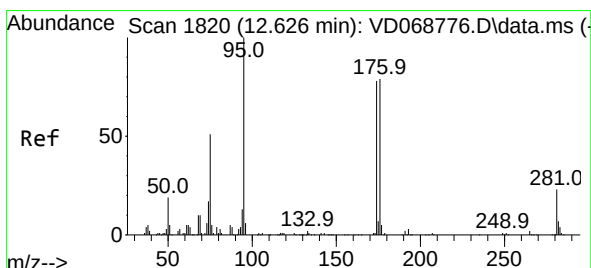
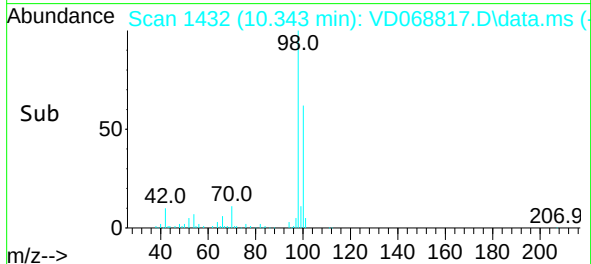
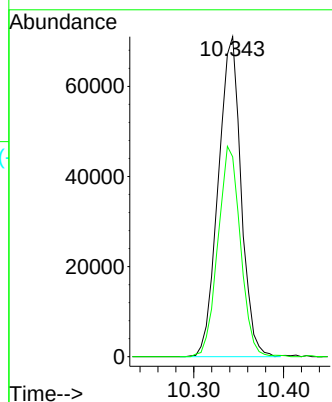
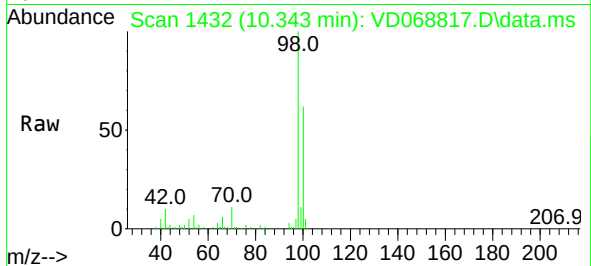




#50
Toluene-d8
Concen: 51.92 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068817.D
Acq: 09 Apr 2021 17:43

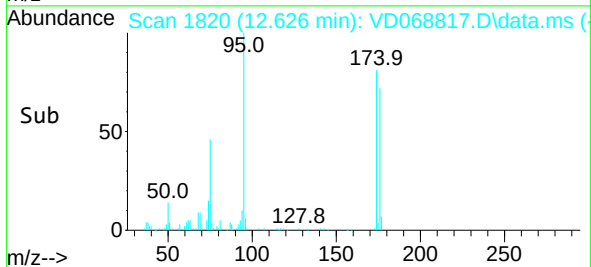
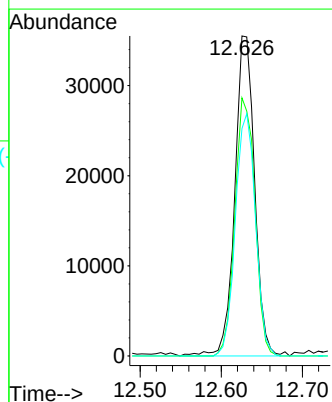
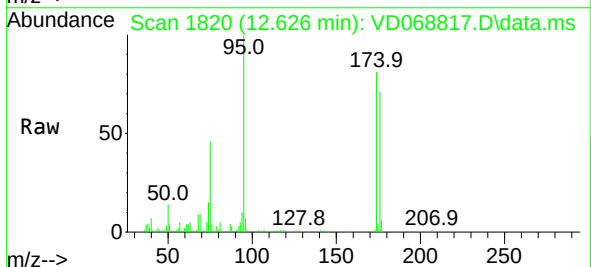
Instrument :
MSVOA_D
ClientSampleId :
S-3RE

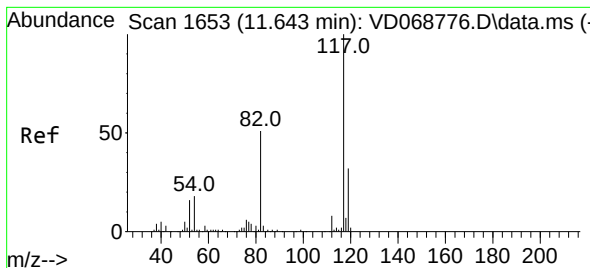
Tgt Ion: 98 Resp: 125241
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 75.05 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068817.D
Acq: 09 Apr 2021 17:43

Tgt Ion: 95 Resp: 60124
Ion Ratio Lower Upper
95 100
174 81.4 0.0 168.0
176 76.8 0.0 160.2

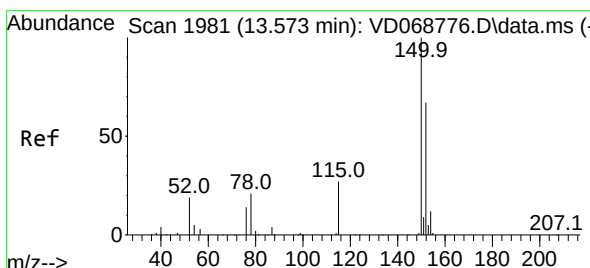
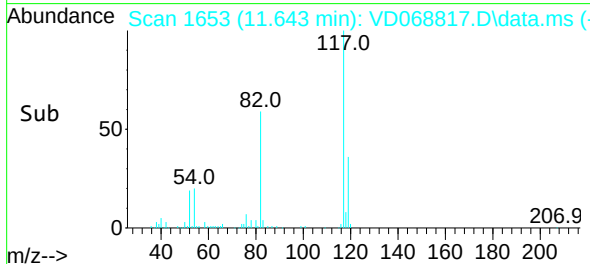
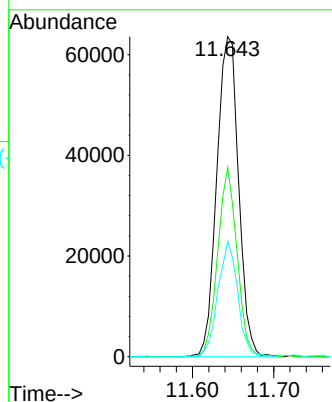
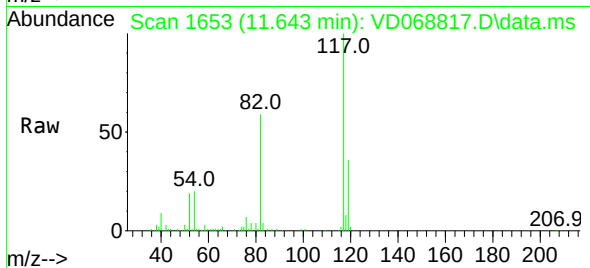




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068817.D
Acq: 09 Apr 2021 17:43

Instrument :
MSVOA_D
ClientSampleId :
S-3RE

Tgt Ion:117 Resp: 118929
Ion Ratio Lower Upper
117 100
82 59.1 43.5 65.3
119 36.1 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD068817.D
Acq: 09 Apr 2021 17:43

Tgt Ion:152 Resp: 68378
Ion Ratio Lower Upper
152 100
115 56.7 29.3 87.8
150 156.4 0.0 347.6

