

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068806.D
 Acq On : 09 Apr 2021 12:17
 Operator : VA/SY
 Sample : VD0409SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0409SBL01

Quant Time: Apr 10 00:40:29 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	369347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	686082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	741390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	357773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	187810	48.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.22%
35) Dibromofluoromethane	7.914	113	218001	48.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.70%
50) Toluene-d8	10.338	98	869423	51.65	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.30%
62) 4-Bromofluorobenzene	12.632	95	319129	57.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.16%

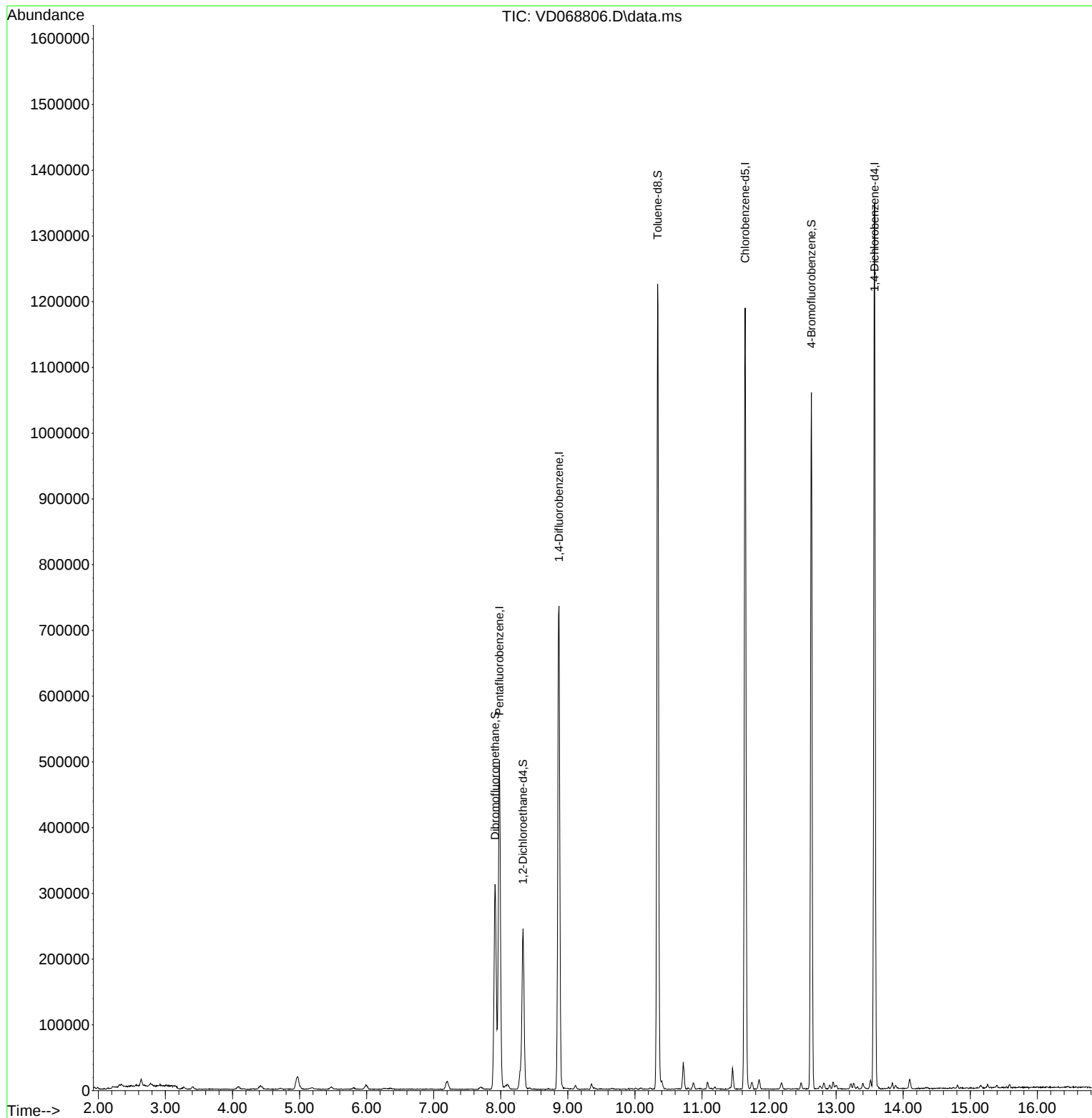
Target Compounds	Qvalue

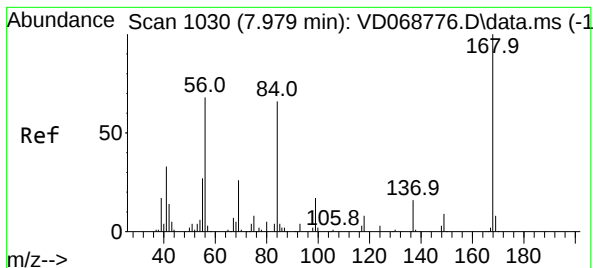
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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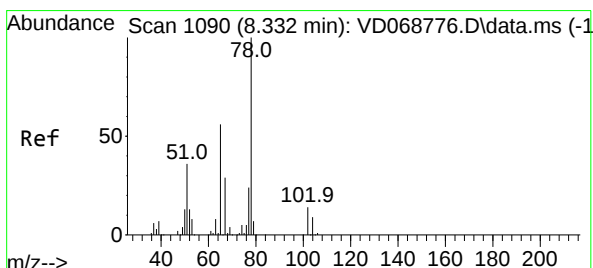
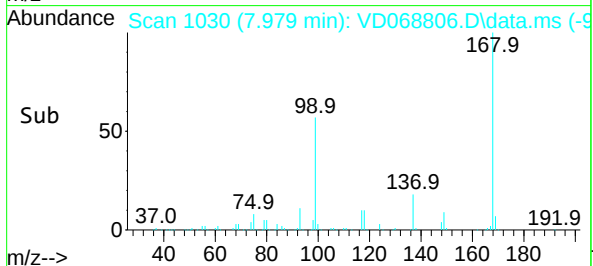
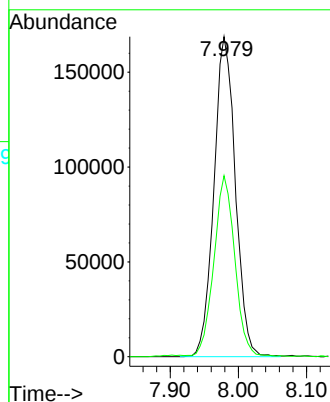
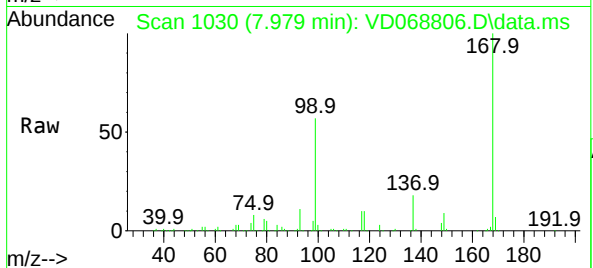




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

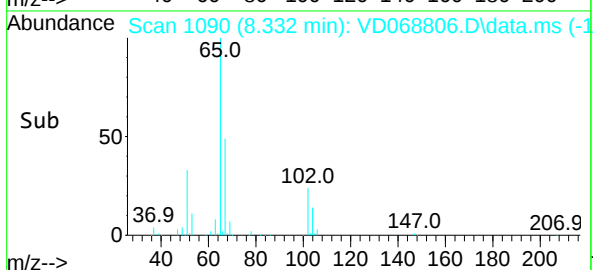
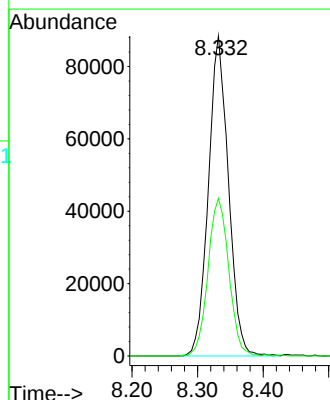
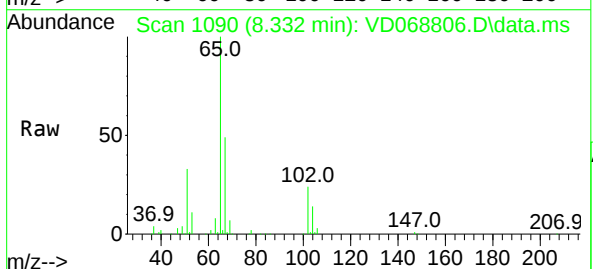
Instrument :
MSVOA_D
ClientSampleId :
VD0409SBL01

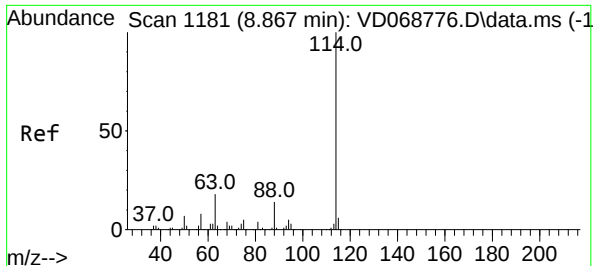
Tgt Ion:168 Resp: 369347
Ion Ratio Lower Upper
168 100
99 56.2 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 48.11 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

Tgt Ion: 65 Resp: 187810
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.0



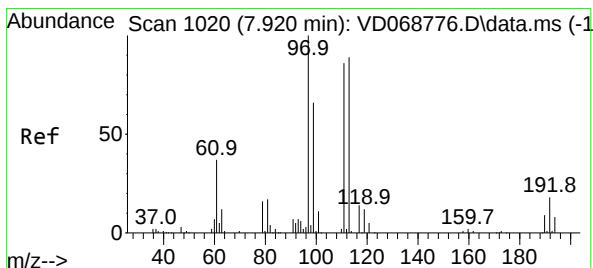
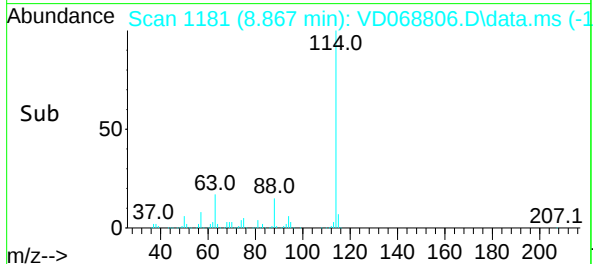
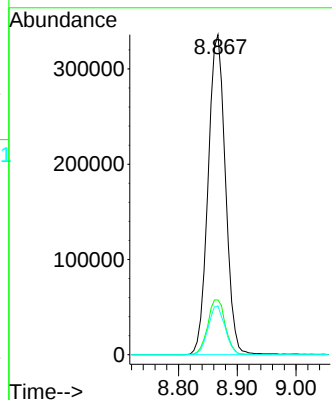
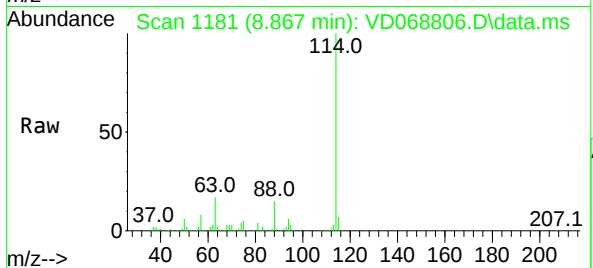


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

Instrument :
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VD0409SBL01

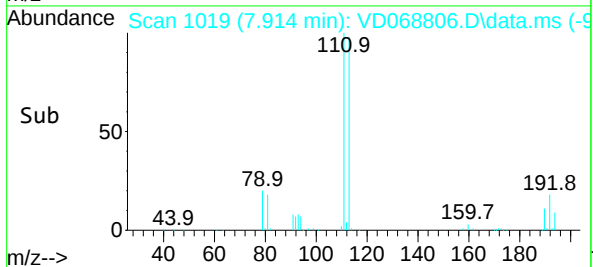
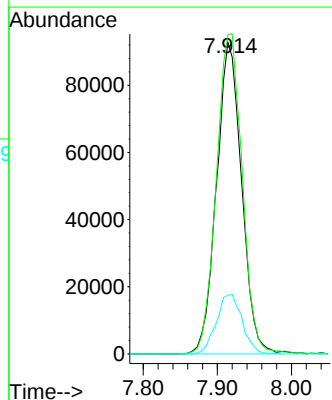
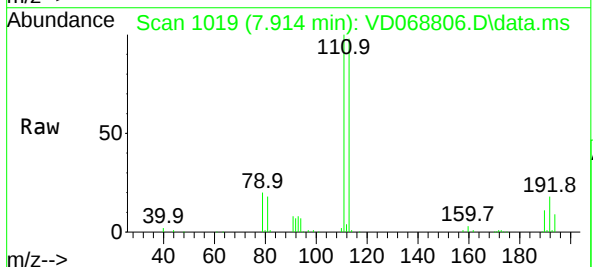
Tgt Ion:114 Resp: 686082
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.2
88 15.3 0.0 29.4

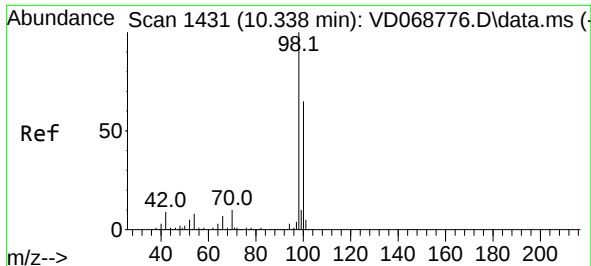


#35

Dibromofluoromethane
Concen: 48.85 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

Tgt Ion:113 Resp: 218001
Ion Ratio Lower Upper
113 100
111 106.1 82.5 123.7
192 19.7 15.1 22.7

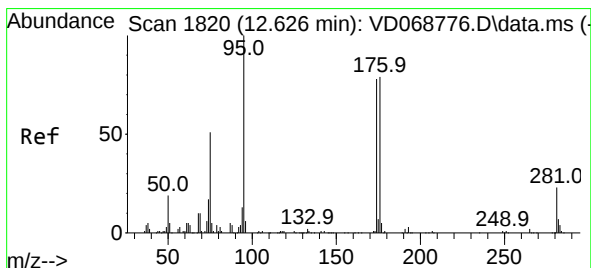
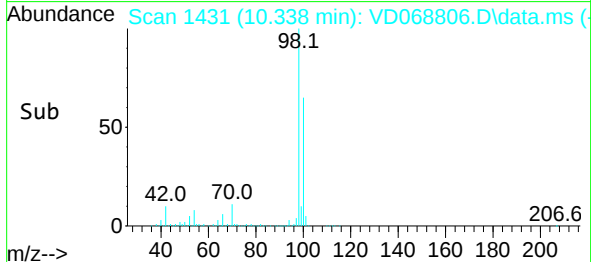
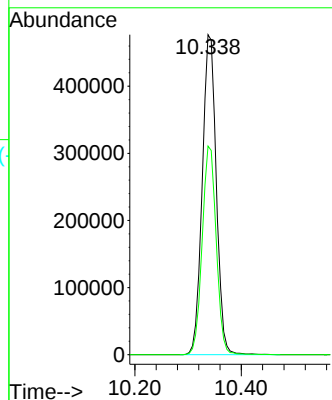
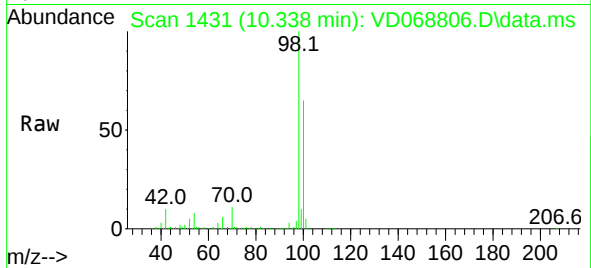




#50
Toluene-d8
Concen: 51.65 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

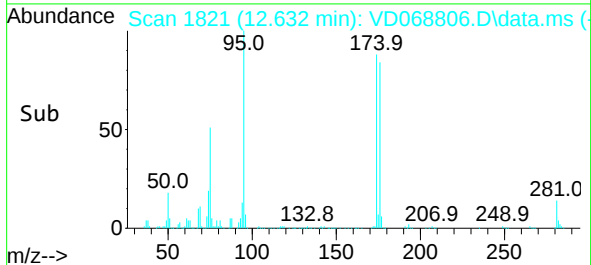
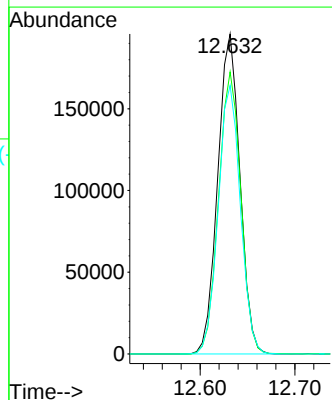
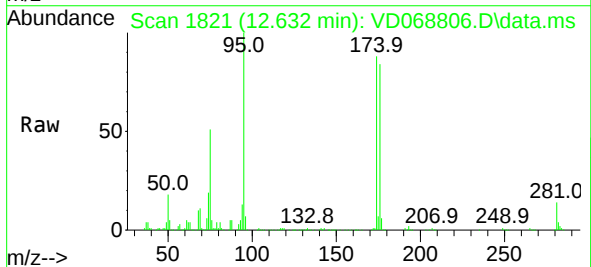
Instrument :
MSVOA_D
ClientSampleId :
VD0409SBL01

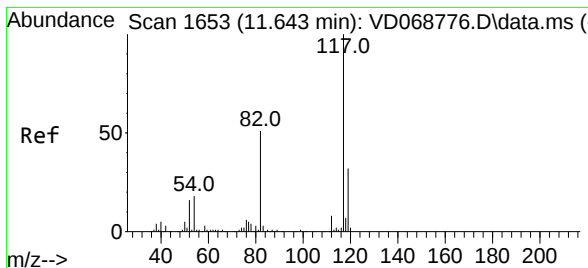
Tgt Ion: 98 Resp: 869423
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 57.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

Tgt Ion: 95 Resp: 319129
Ion Ratio Lower Upper
95 100
174 88.3 0.0 168.0
176 83.9 0.0 160.2

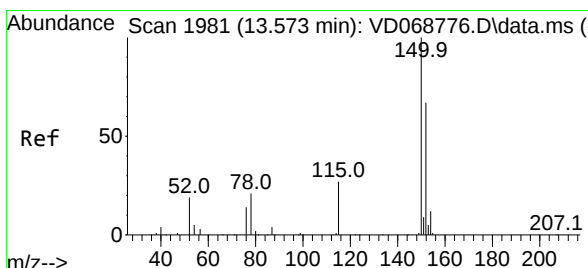
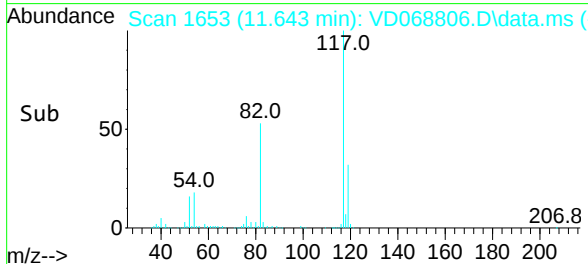
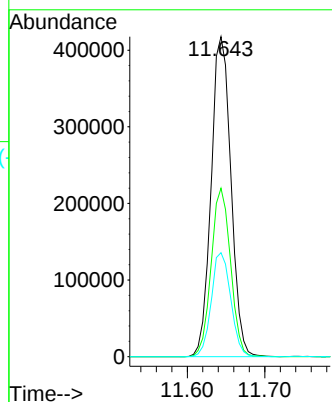
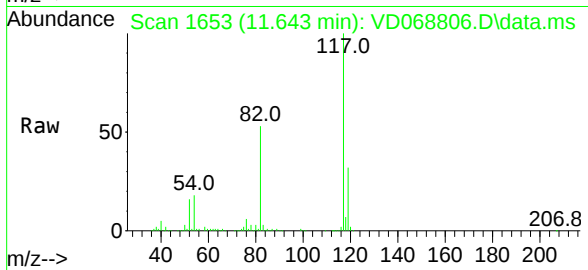




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068806.D
Acq: 09 Apr 2021 12:17

Instrument :
MSVOA_D
ClientSampleId :
VD0409SBL01

Tgt Ion:117 Resp: 741390
Ion Ratio Lower Upper
117 100
82 52.7 43.5 65.3
119 32.5 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: VD068806.D
Acq: 09 Apr 2021 12:17

Tgt Ion:152 Resp: 357773
Ion Ratio Lower Upper
152 100
115 57.0 29.3 87.8
150 160.1 0.0 347.6

