

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068901.D
 Acq On : 19 Apr 2021 16:05
 Operator : VA/SY
 Sample : M2077-02
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-20-0-2.0

Quant Time: Apr 20 00:53:25 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	184650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	319584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	366498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	181434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	80649	41.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.66%
35) Dibromofluoromethane	7.920	113	99988	48.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.20%
50) Toluene-d8	10.337	98	412935	52.66	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.32%
62) 4-Bromofluorobenzene	12.631	95	160222	61.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.04%

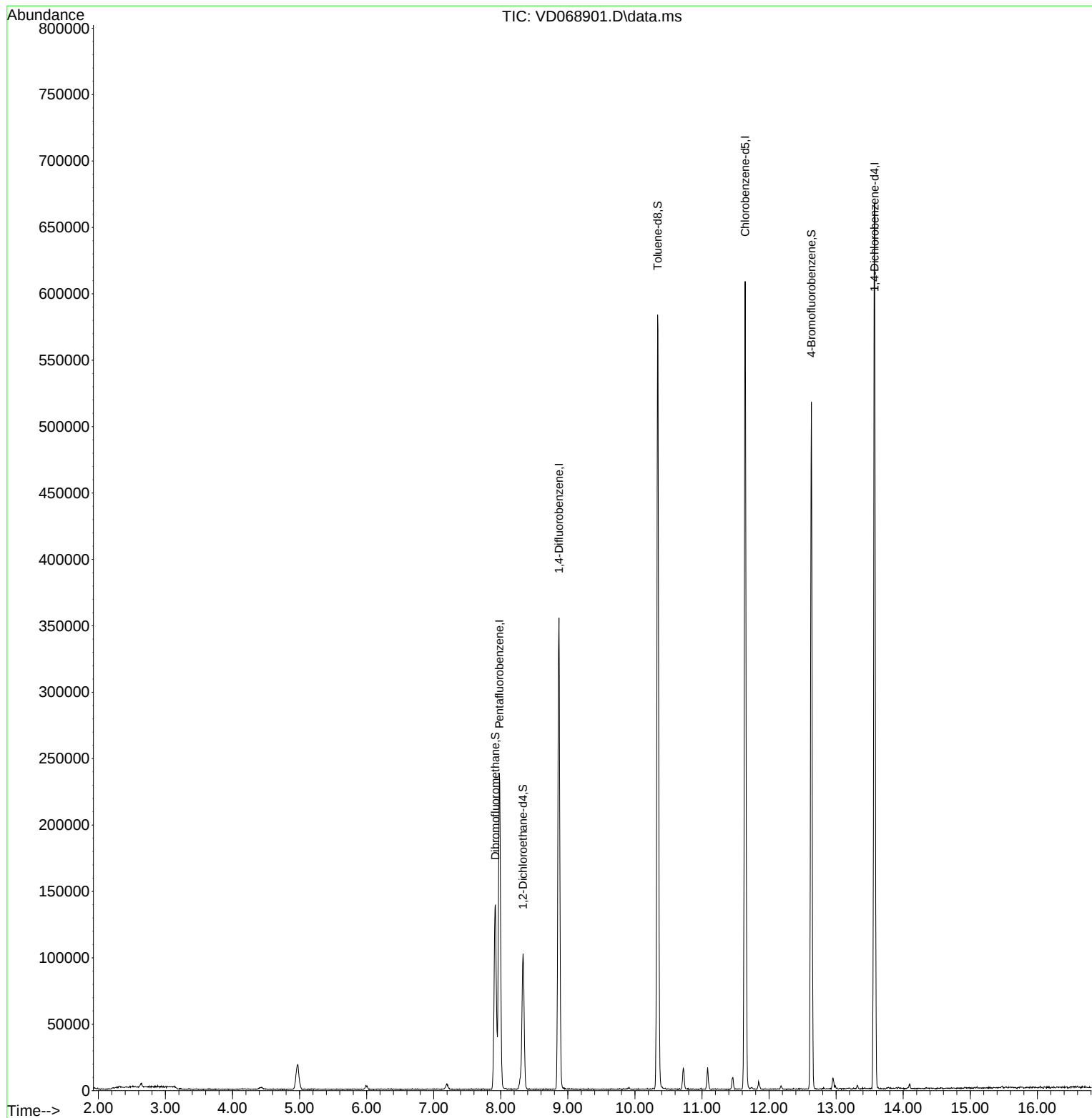
Target Compounds	Qvalue

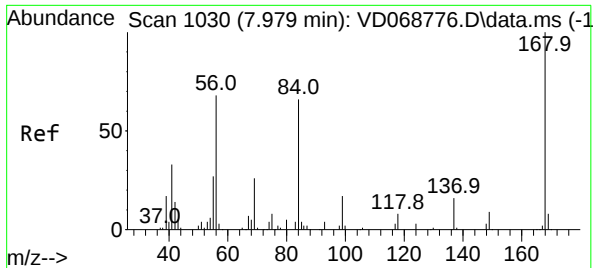
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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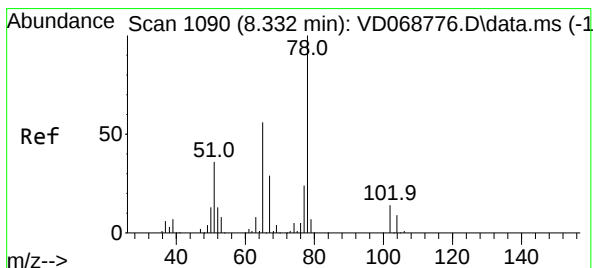
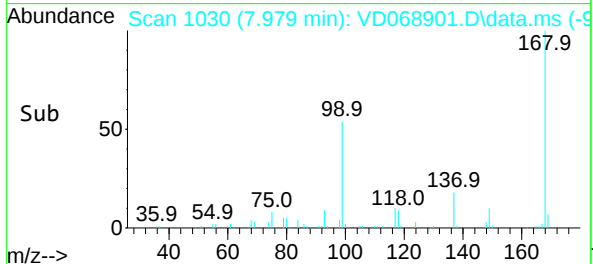
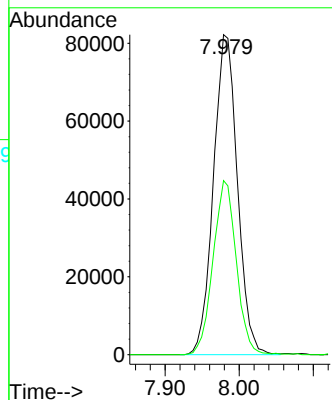
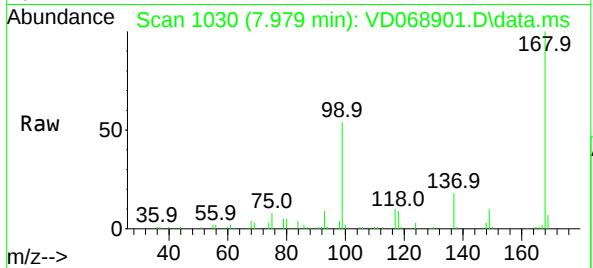




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

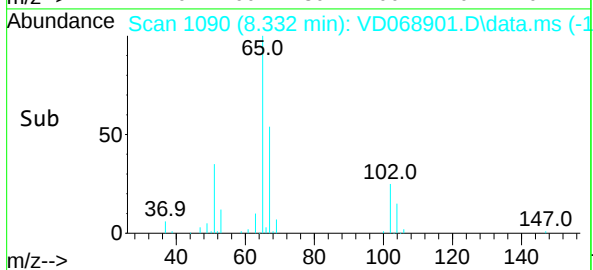
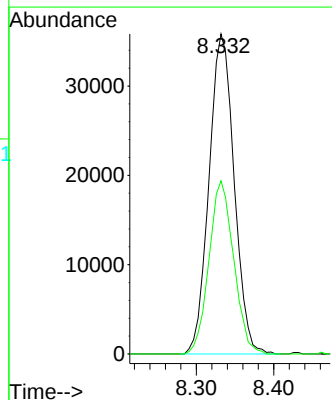
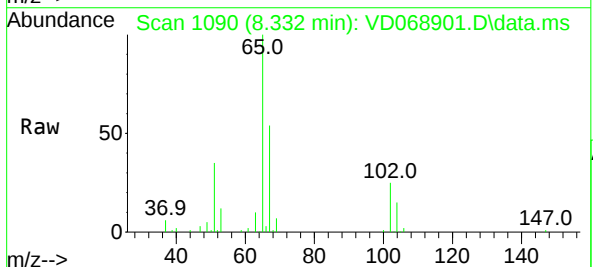
Instrument :
MSVOA_D
ClientSampleId :
SB-20-0-2.0

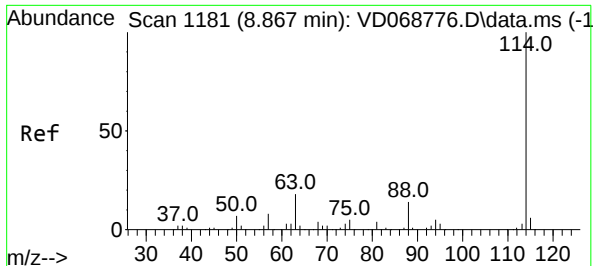
Tgt Ion:168 Resp: 184650
Ion Ratio Lower Upper
168 100
99 54.4 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 41.33 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

Tgt Ion: 65 Resp: 80649
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.0

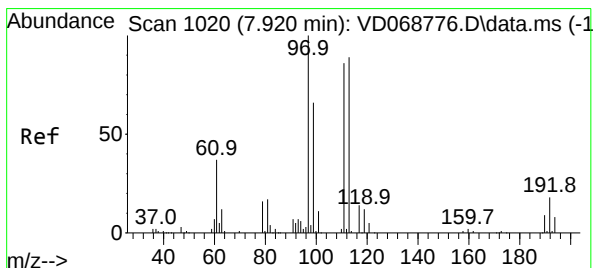
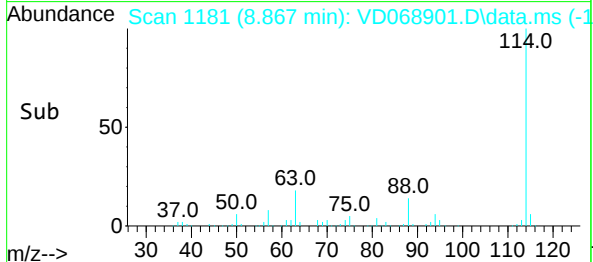
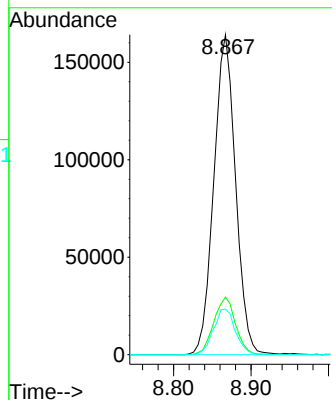
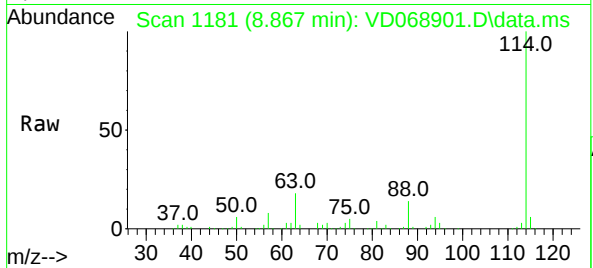




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

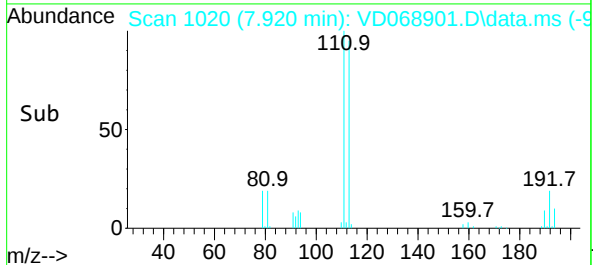
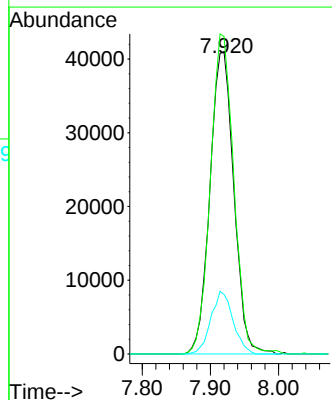
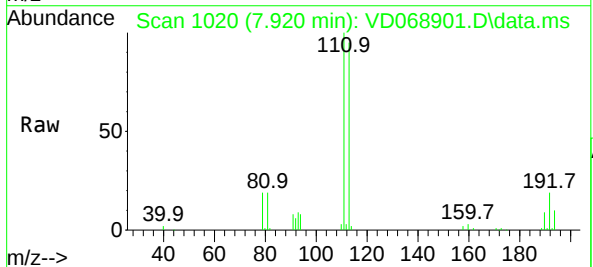
Instrument :
MSVOA_D
ClientSampleId :
SB-20-0-2.0

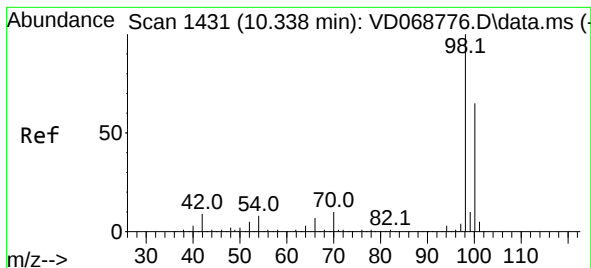
Tgt Ion:114 Resp: 319584
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.2
88 14.2 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.10 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

Tgt Ion:113 Resp: 99988
Ion Ratio Lower Upper
113 100
111 103.6 82.5 123.7
192 19.2 15.1 22.7

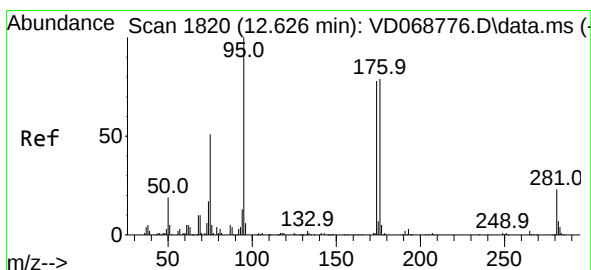
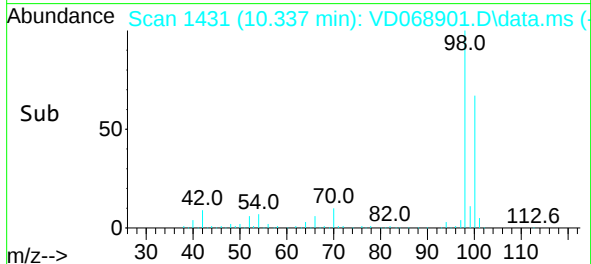
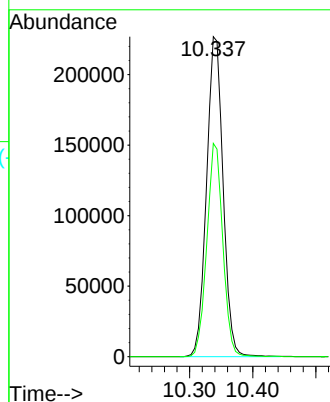
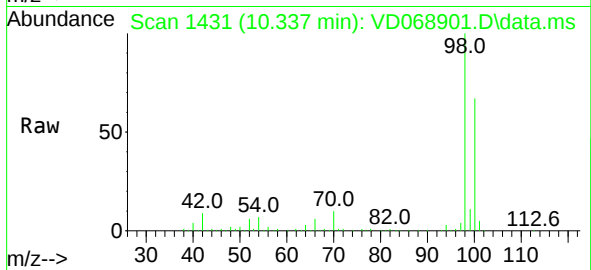




#50
Toluene-d8
Concen: 52.66 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

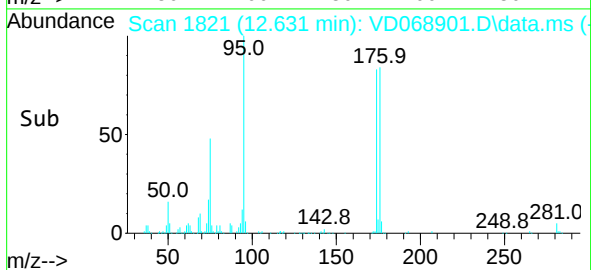
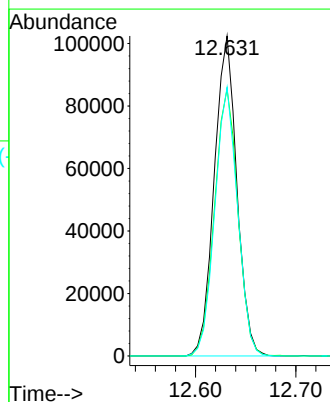
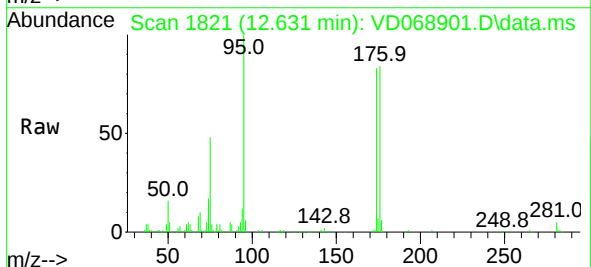
Instrument :
MSVOA_D
ClientSampleId :
SB-20-0-2.0

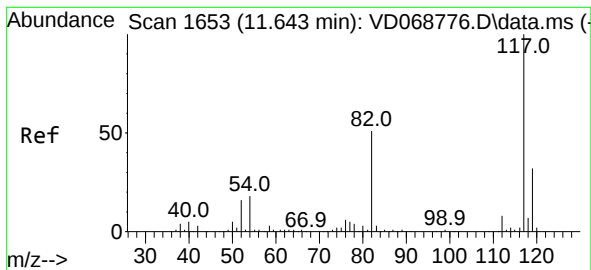
Tgt Ion: 98 Resp: 412935
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.52 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

Tgt Ion: 95 Resp: 160222
Ion Ratio Lower Upper
95 100
174 86.1 0.0 168.0
176 84.3 0.0 160.2

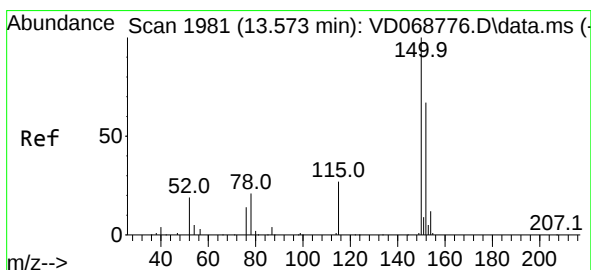
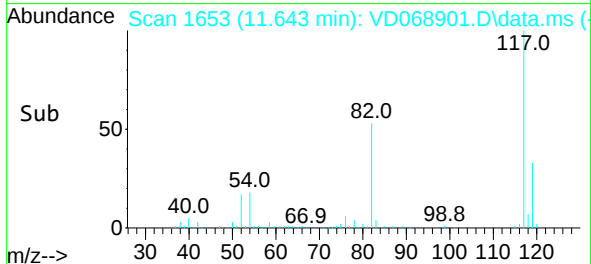
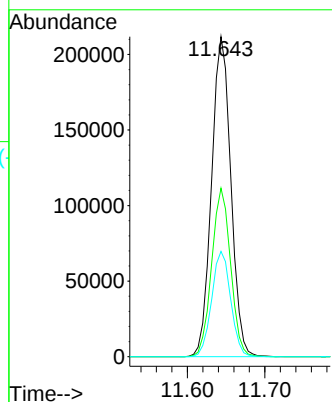
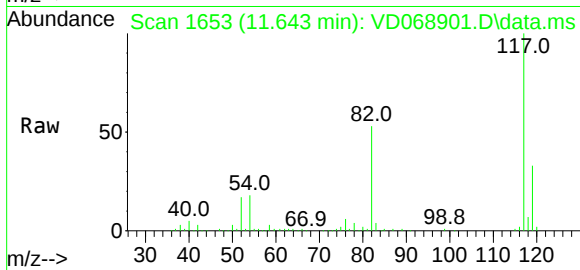




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068901.D
Acq: 19 Apr 2021 16:05

Instrument :
MSVOA_D
ClientSampleId :
SB-20-0-2.0

Tgt Ion:117 Resp: 366498
Ion Ratio Lower Upper
117 100
82 52.6 43.5 65.3
119 32.9 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: VD068901.D
Acq: 19 Apr 2021 16:05

Tgt Ion:152 Resp: 181434
Ion Ratio Lower Upper
152 100
115 58.2 29.3 87.8
150 158.6 0.0 347.6

