

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068753.D
 Acq On : 01 Apr 2021 12:43
 Operator : VA/SY
 Sample : M1887-01
 Misc : 5.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-03-033121

Quant Time: Apr 02 01:02:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	85770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	148125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	164823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	79745	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	62267	72.00	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.00%
35) Dibromofluoromethane	7.914	113	55125	59.81	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.62%
50) Toluene-d8	10.338	98	181682	51.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.26%
62) 4-Bromofluorobenzene	12.626	95	68684	59.62	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.24%

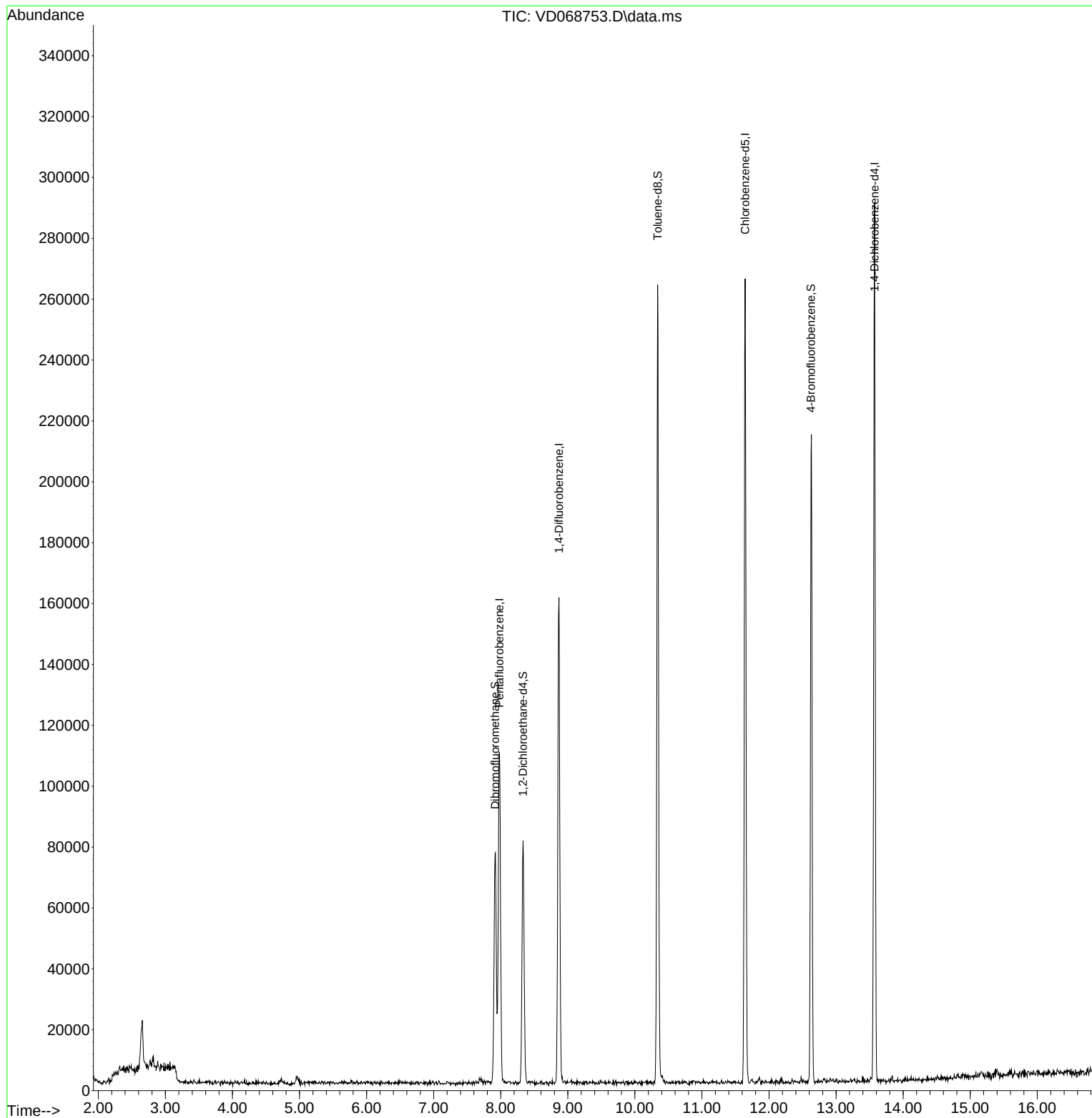
Target Compounds	Qvalue

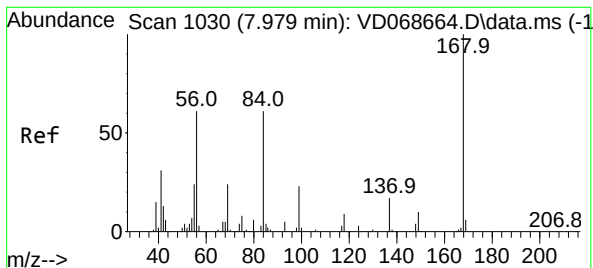
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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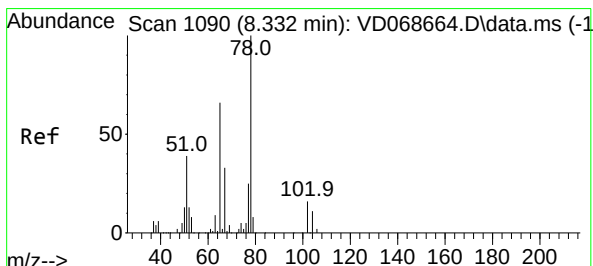
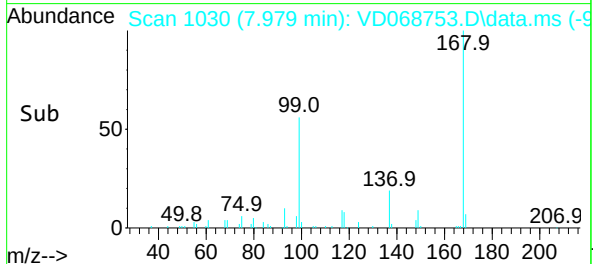
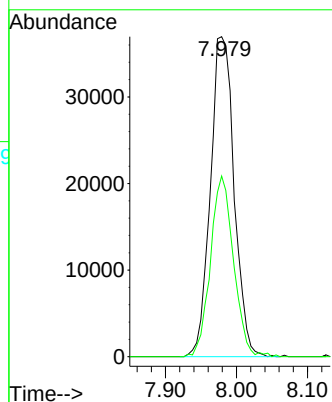
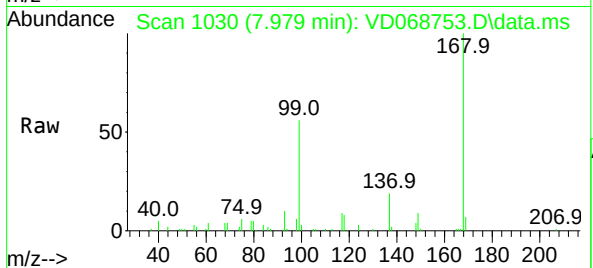




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

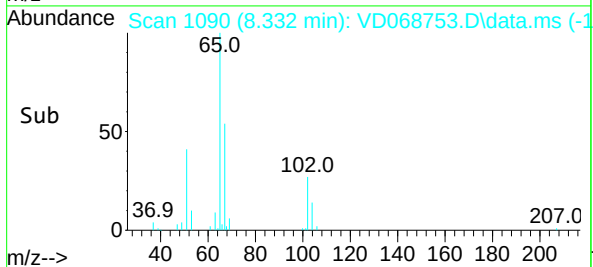
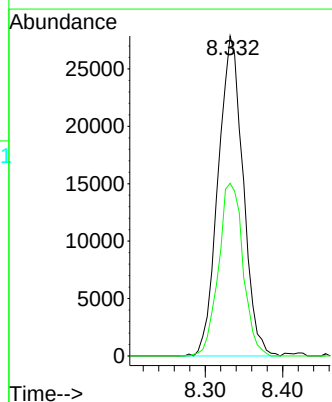
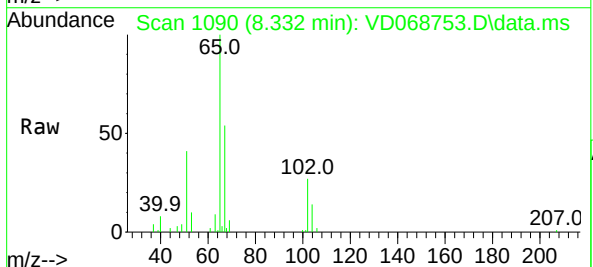
Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121

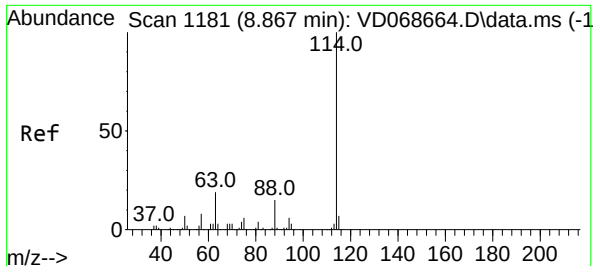
Tgt Ion:168 Resp: 85770
Ion Ratio Lower Upper
168 100
99 56.5 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 72.00 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

Tgt Ion: 65 Resp: 62267
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0



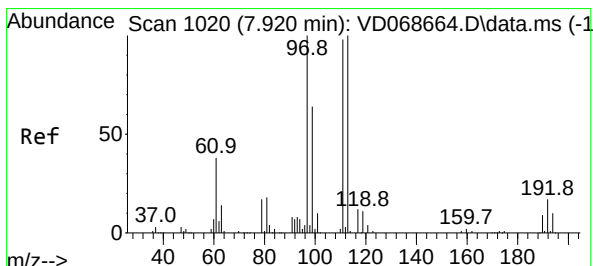
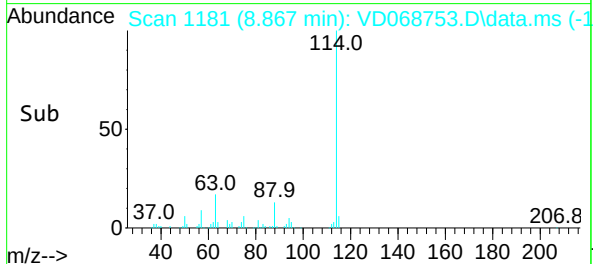
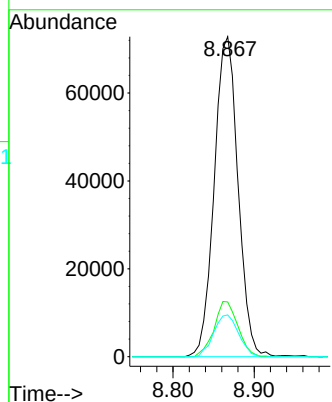
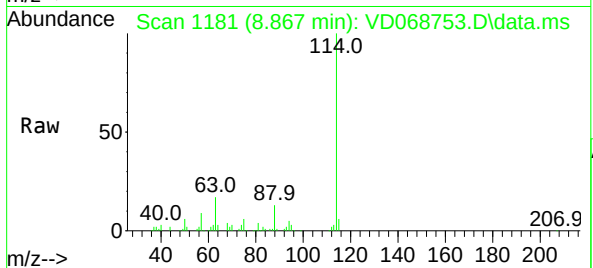


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

Instrument :
MSVOA_D
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TR-03-033121

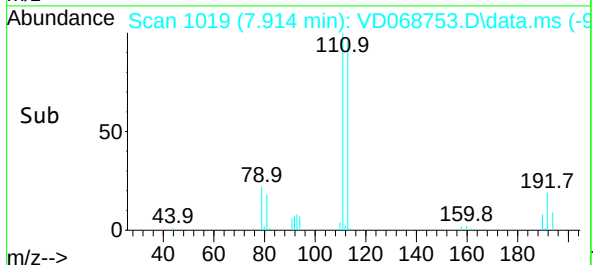
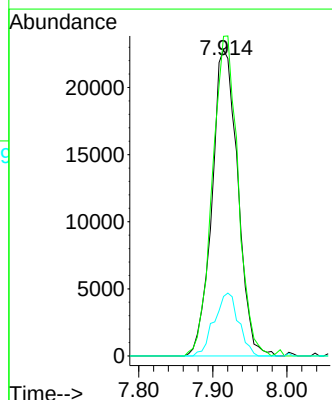
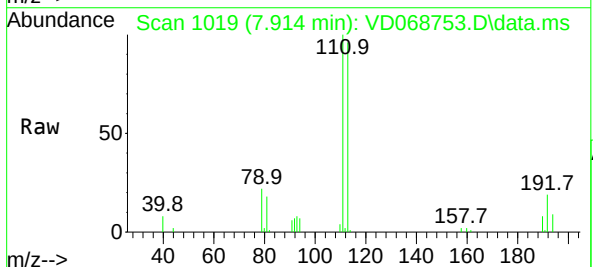
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	38.2
88	13.0	0.0	29.4

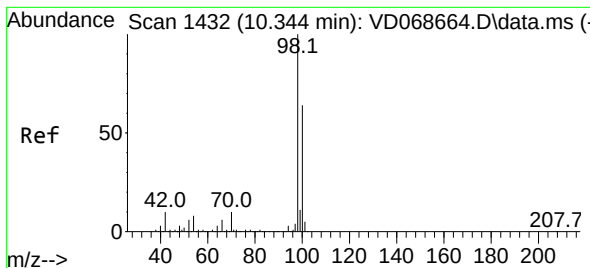


#35

Dibromofluoromethane
Concen: 59.81 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.5	123.7
192	19.5	15.1	22.7

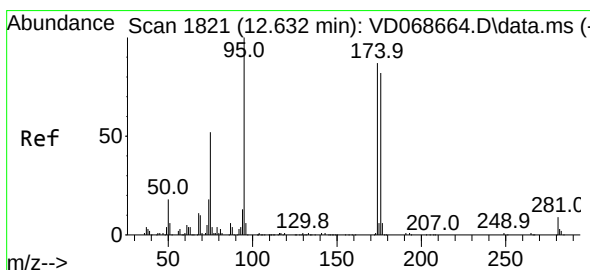
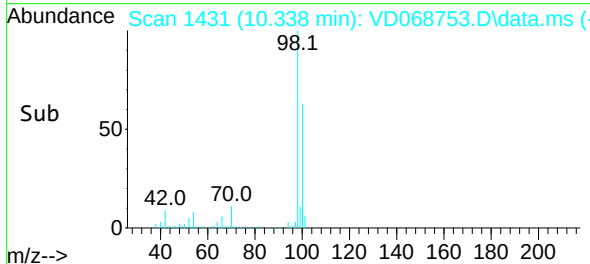
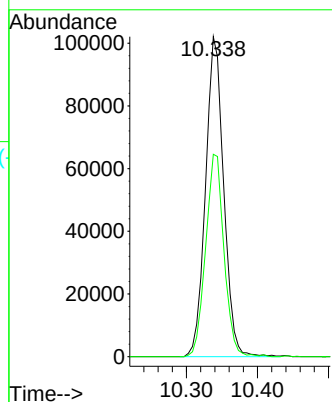
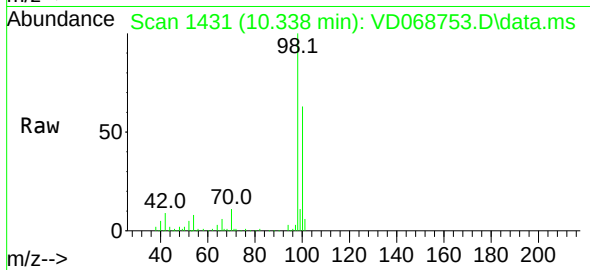




#50
Toluene-d8
Concen: 51.13 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

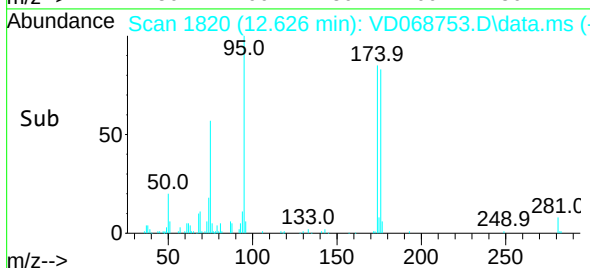
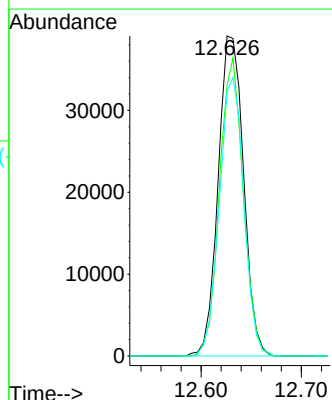
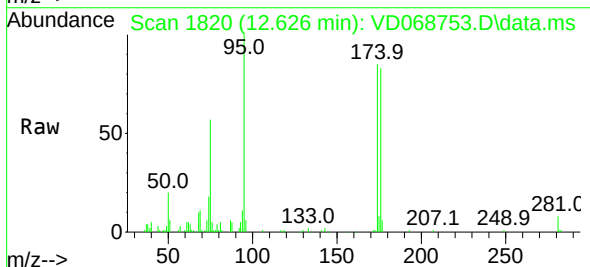
Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121

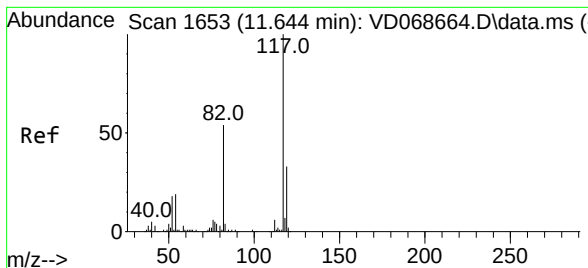
Tgt Ion: 98 Resp: 181682
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.62 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

Tgt Ion: 95 Resp: 68684
Ion Ratio Lower Upper
95 100
174 87.0 0.0 168.0
176 84.3 0.0 160.2

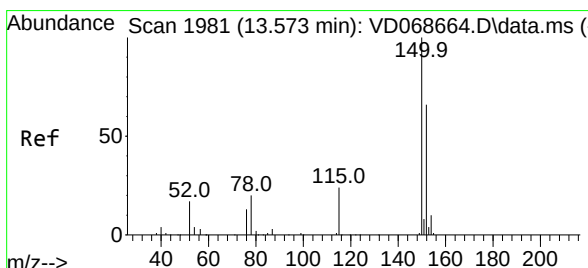
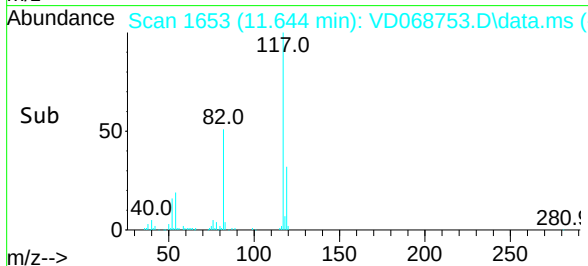
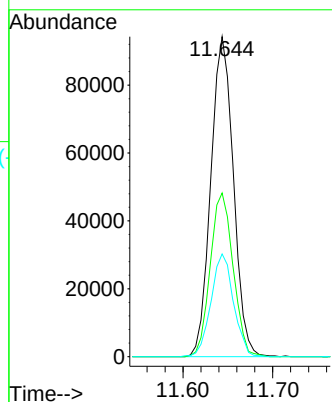
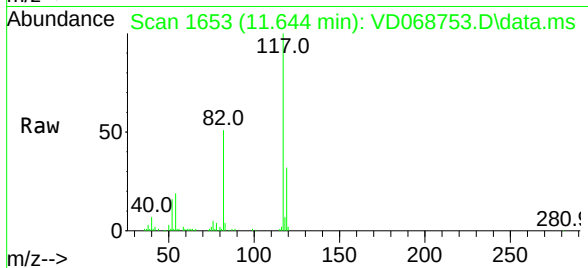




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121

Tgt Ion:117 Resp: 164823
Ion Ratio Lower Upper
117 100
82 51.2 43.5 65.3
119 32.1 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: VD068753.D
Acq: 01 Apr 2021 12:43

Tgt Ion:152 Resp: 79745
Ion Ratio Lower Upper
152 100
115 55.8 29.3 87.8
150 153.0 0.0 347.6

