

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068517.D
 Acq On : 04 Mar 2021 11:02
 Operator : VA/SY
 Sample : VD0304SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBL01

Quant Time: Mar 04 23:59:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	398274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	670069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	633751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	292707	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	185817	46.70	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.40%
35) Dibromofluoromethane	7.914	113	199581	49.44	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.88%
50) Toluene-d8	10.338	98	822354	51.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.30%
62) 4-Bromofluorobenzene	12.632	95	265645	51.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.54%

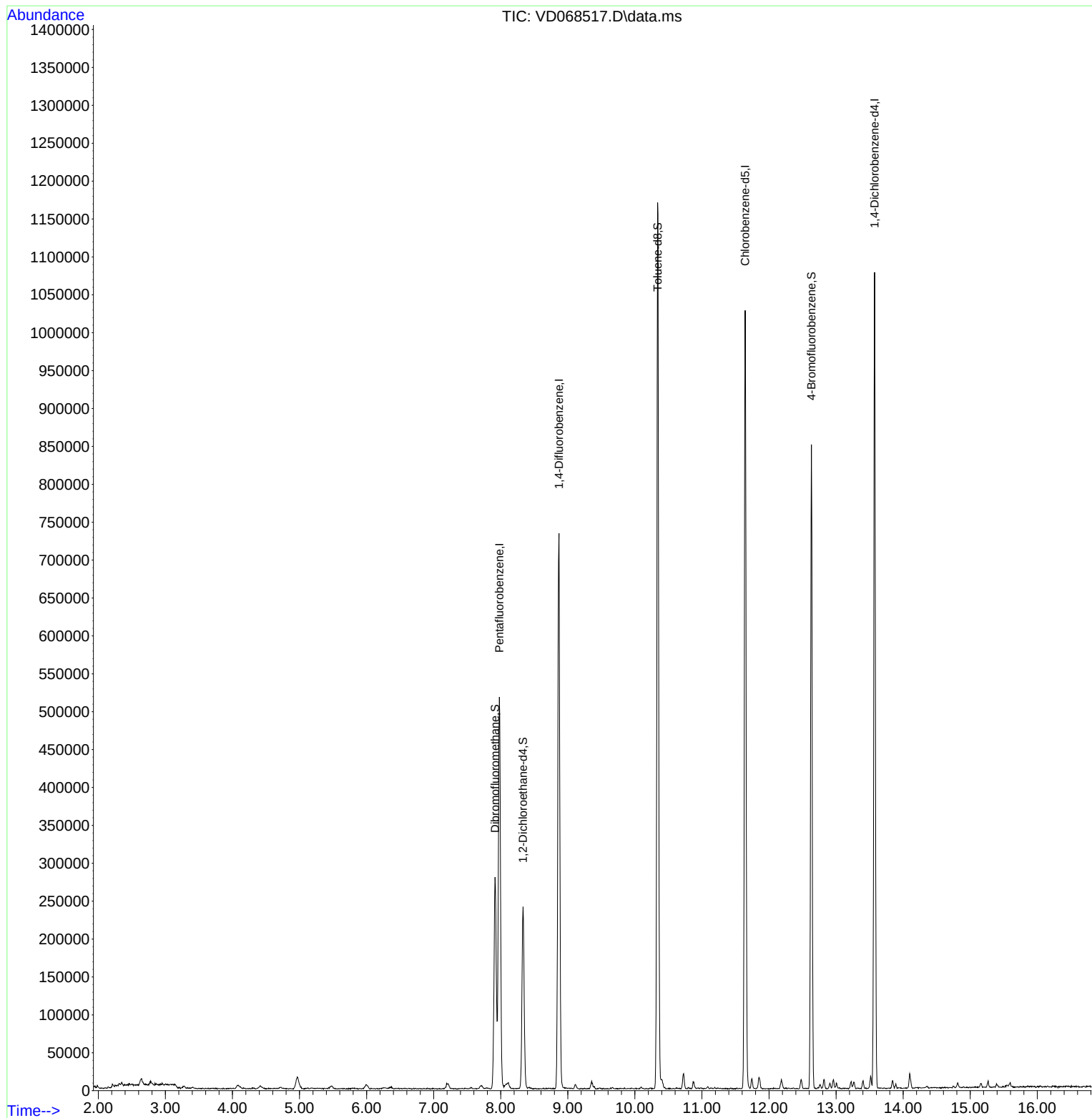
Target Compounds	Qvalue

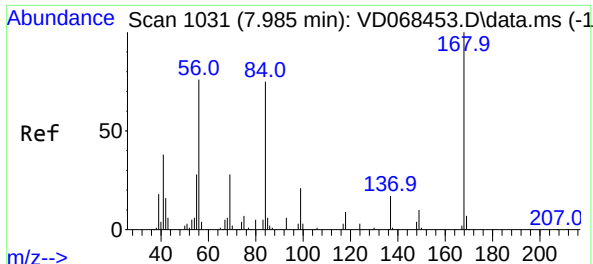
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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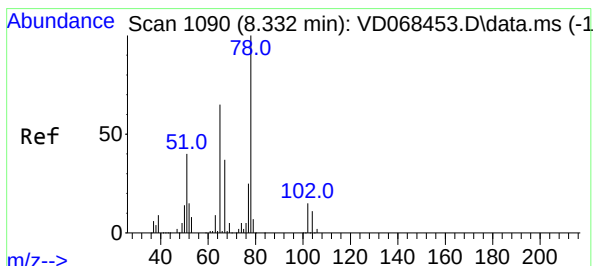
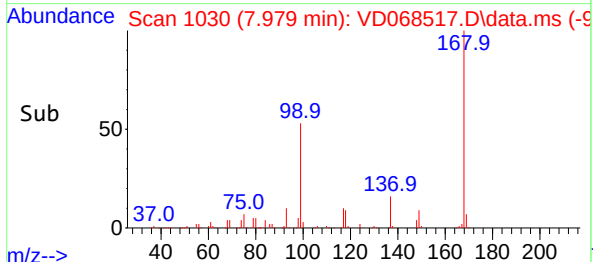
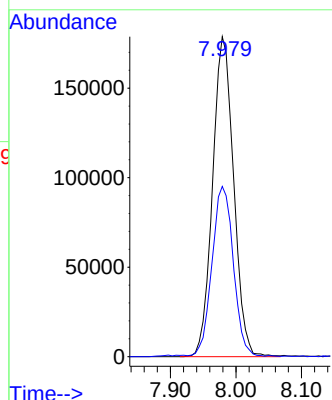
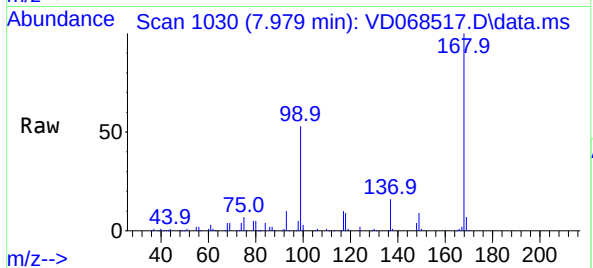




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068517.D
Acq: 04 Mar 2021 11:02

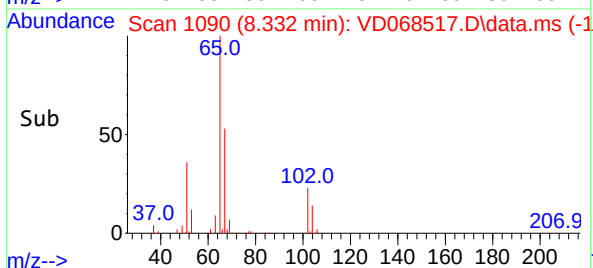
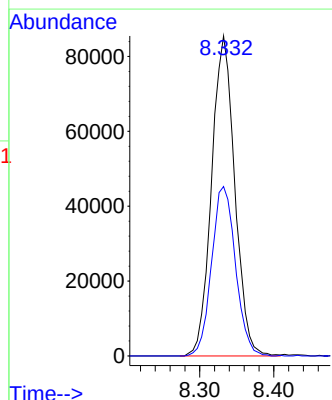
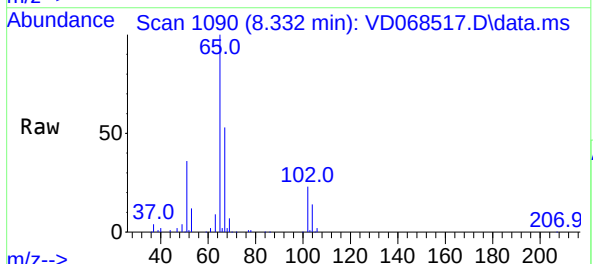
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

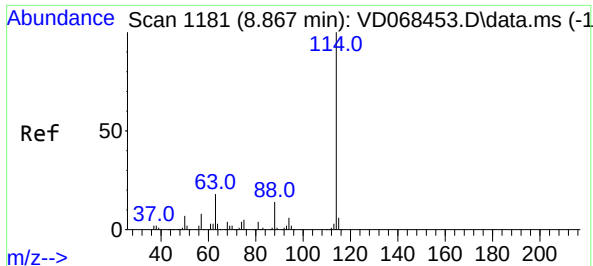
Tgt Ion:168 Resp: 398274
Ion Ratio Lower Upper
168 100
99 53.1 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 46.70 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068517.D
Acq: 04 Mar 2021 11:02

Tgt Ion: 65 Resp: 185817
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.0



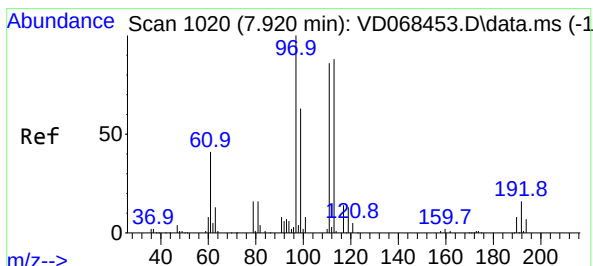
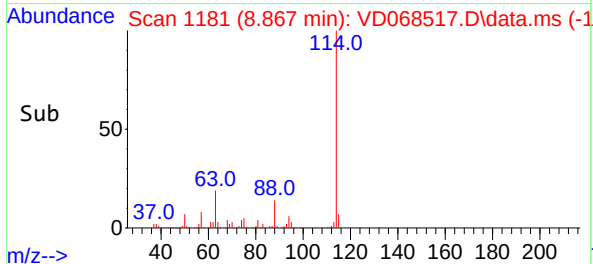
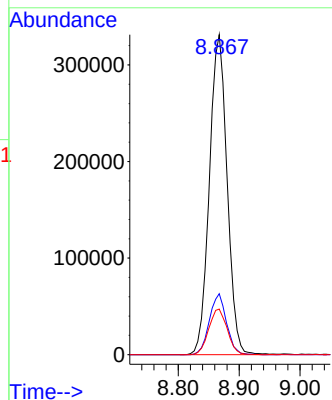
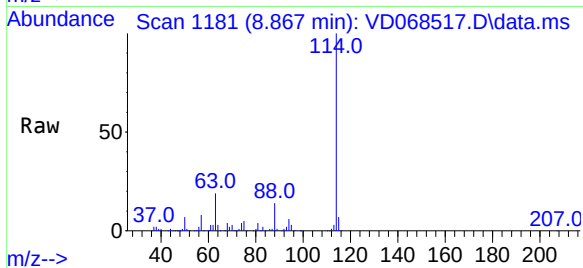


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068517.D
Acq: 04 Mar 2021 11:02

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

Tgt Ion:114 Resp: 670069

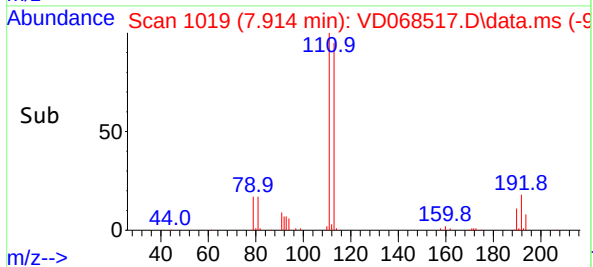
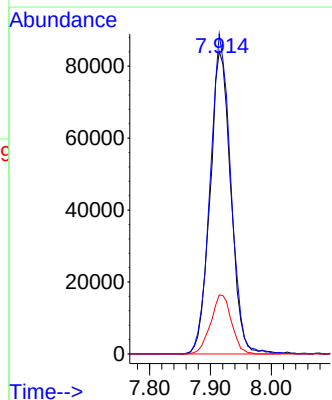
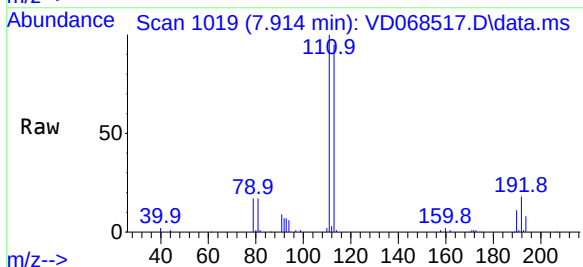
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	34.8
88	14.2	0.0	31.6

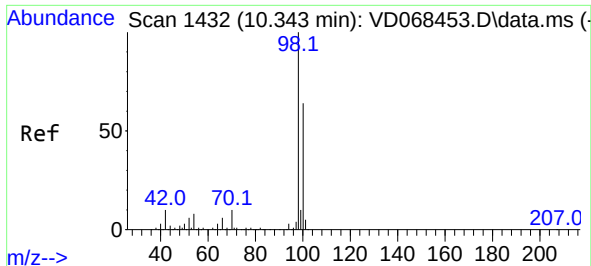


#35
Dibromofluoromethane
Concen: 49.44 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068517.D
Acq: 04 Mar 2021 11:02

Tgt Ion:113 Resp: 199581

Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.4	122.0
192	19.5	16.1	24.1

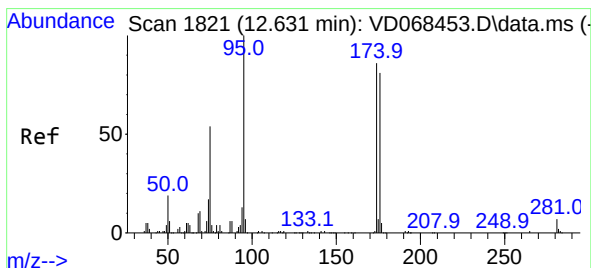
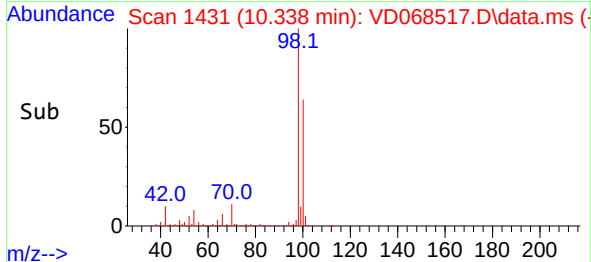
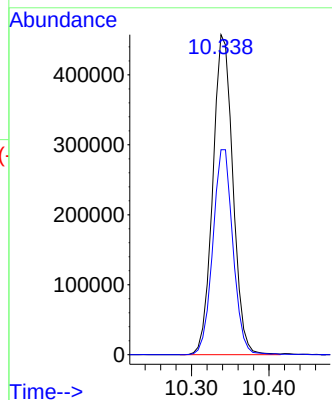
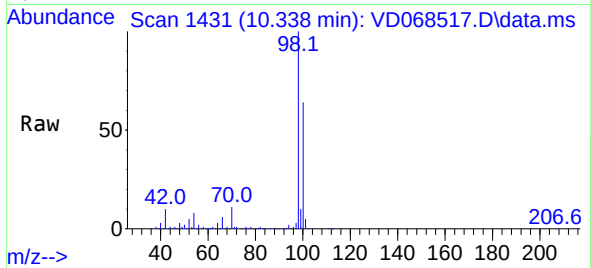




#50
Toluene-d8
Concen: 51.15 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068517.D
Acq: 04 Mar 2021 11:02

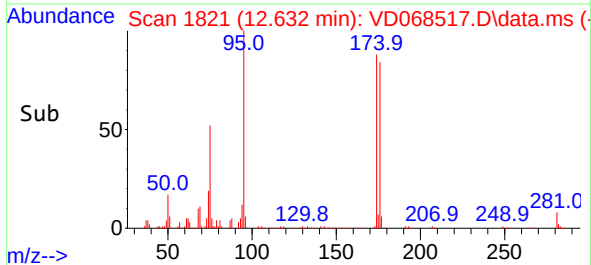
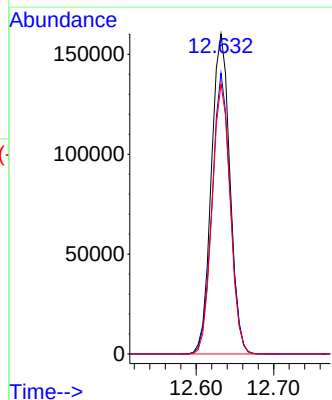
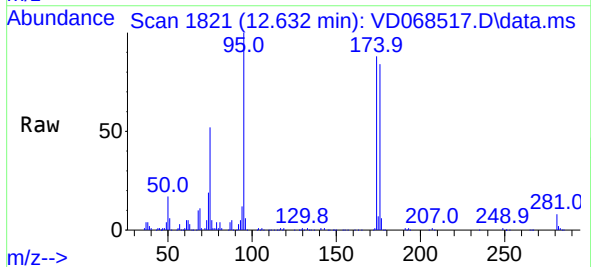
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

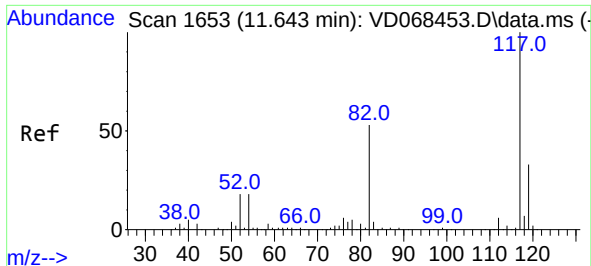
Tgt Ion: 98 Resp: 822354
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.27 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068517.D
Acq: 04 Mar 2021 11:02

Tgt Ion: 95 Resp: 265645
Ion Ratio Lower Upper
95 100
174 86.2 0.0 172.4
176 82.5 0.0 168.4



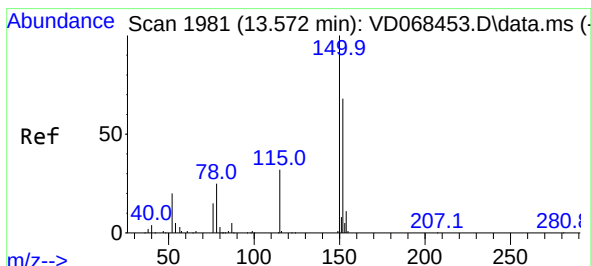
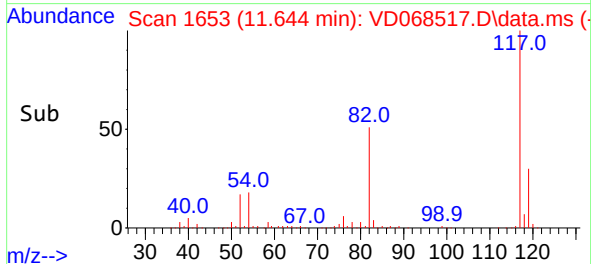
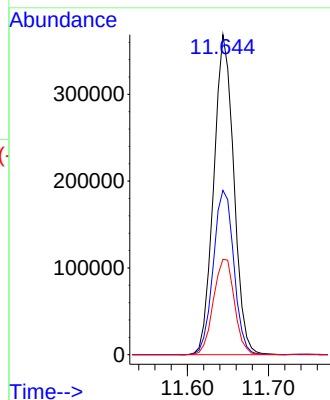
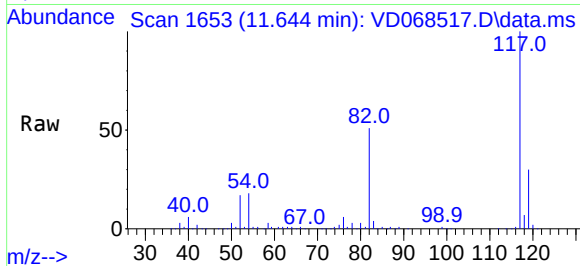


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068517.D
Acq: 04 Mar 2021 11:02

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

Tgt Ion:117 Resp: 633751

Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.4	62.0
119	29.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068517.D
Acq: 04 Mar 2021 11:02

Tgt Ion:152 Resp: 292707

Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.9	86.8
150	158.2	0.0	344.4

