

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068689.D
 Acq On : 26 Mar 2021 17:29
 Operator : VA/SY
 Sample : M1832-01
 Misc : 6.5G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IG001

Quant Time: Mar 27 00:45:14 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	277452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	546959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	504720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	200097	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	169552	60.60	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.20%
35) Dibromofluoromethane	7.914	113	185430	54.49	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.98%
50) Toluene-d8	10.343	98	684211	52.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.30%
62) 4-Bromofluorobenzene	12.632	95	217706	51.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.36%

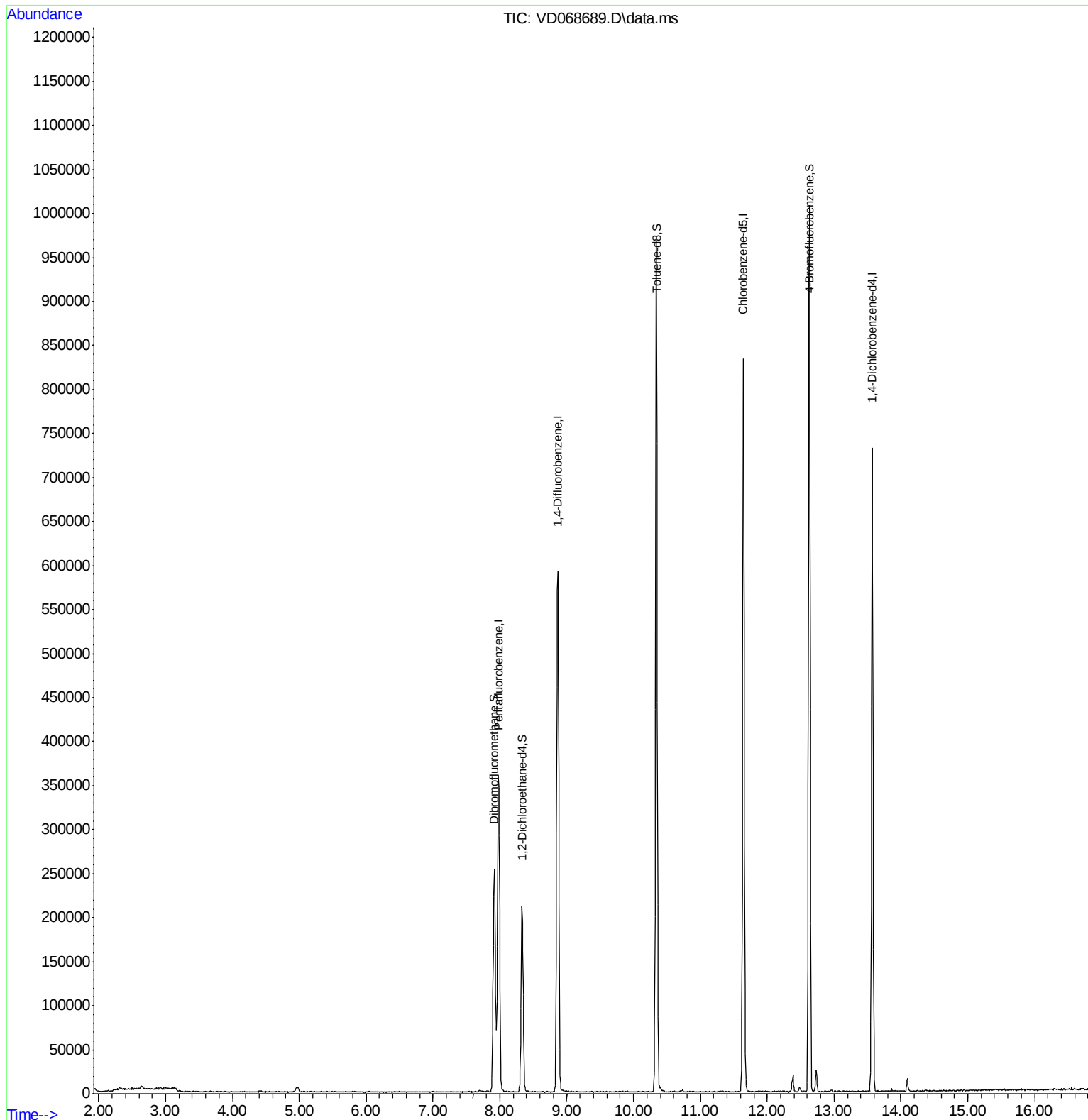
Target Compounds	Qvalue

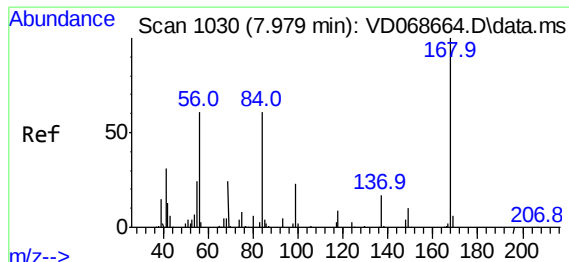
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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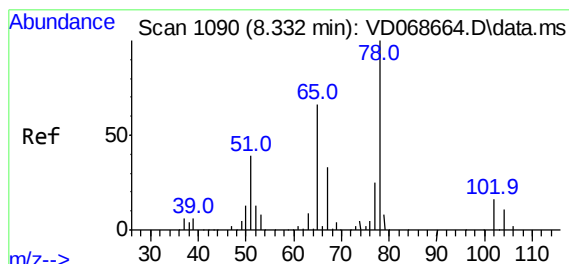
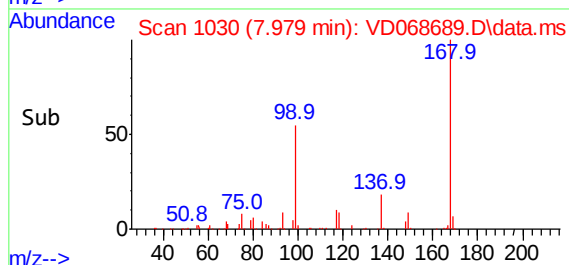
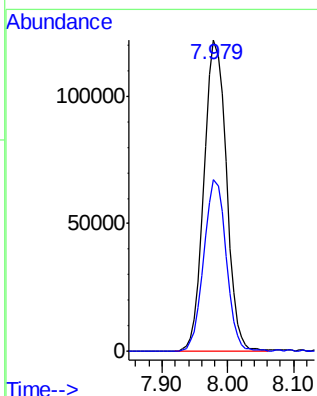
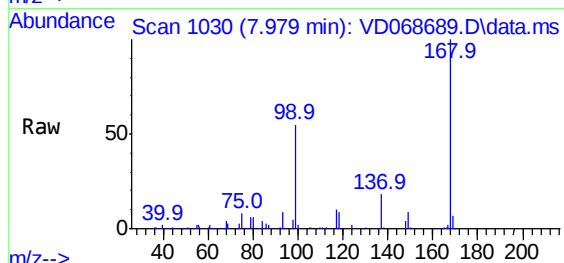




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

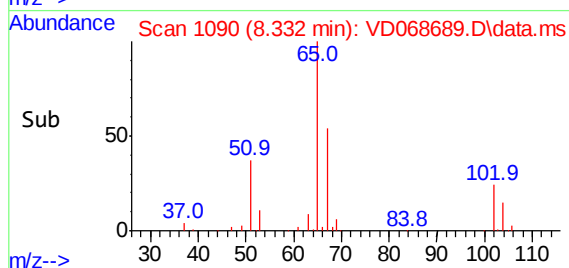
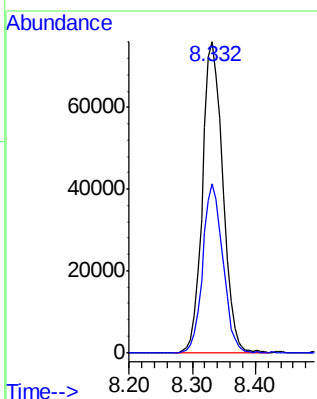
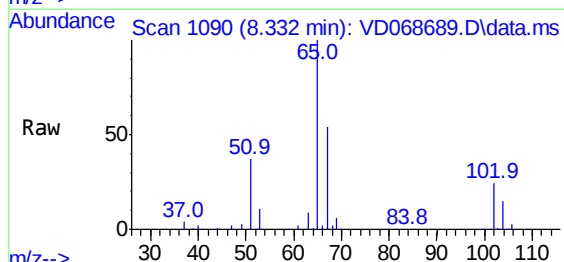
Instrument :
MSVOA_D
ClientSampled :
IG001

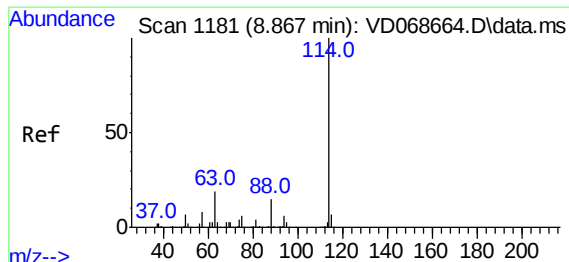
Tgt Ion:168 Resp: 277452
Ion Ratio Lower Upper
168 100
99 55.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 60.60 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Tgt Ion: 65 Resp: 169552
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.0



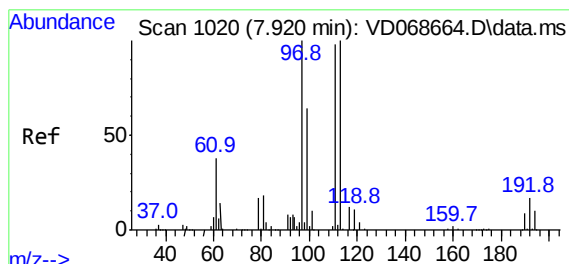
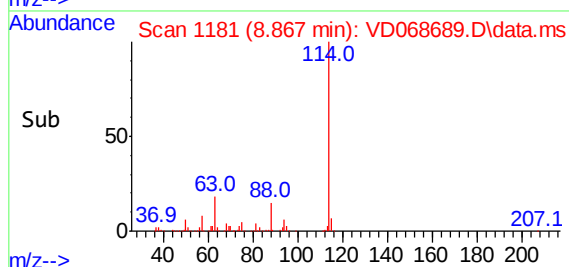
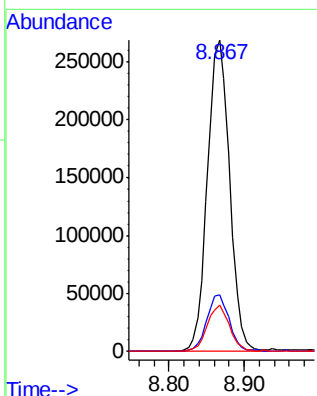
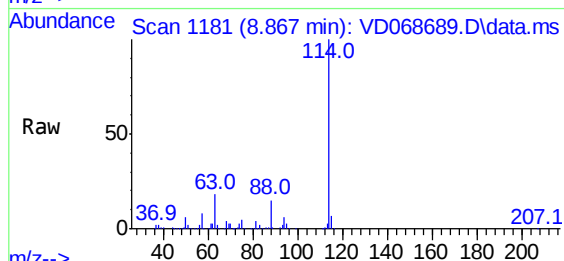


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Instrument :
MSVOA_D
ClientSampled :
IG001

Tgt Ion:114 Resp: 546959

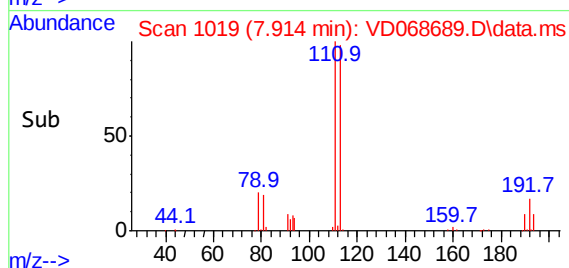
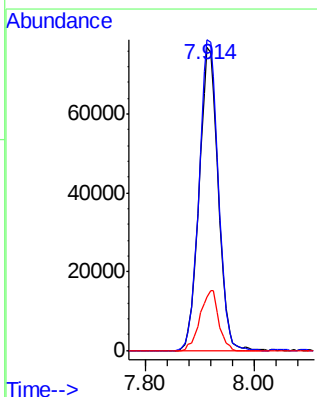
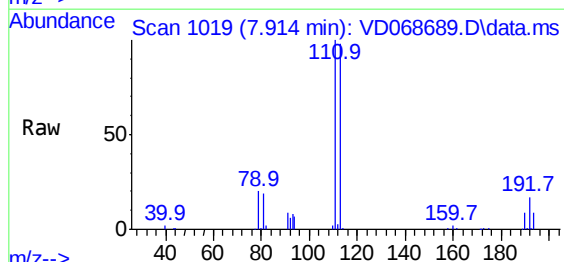
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.2
88	14.6	0.0	29.4

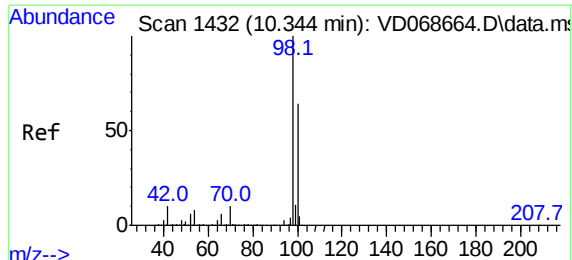


#35
Dibromofluoromethane
Concen: 54.49 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Tgt Ion:113 Resp: 185430

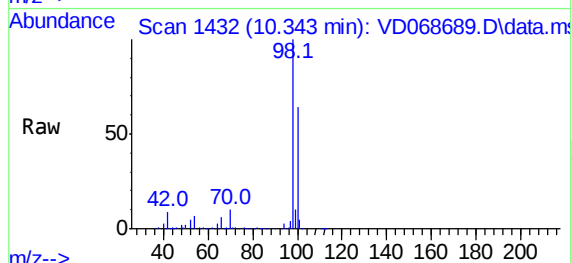
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.5	123.7
192	19.2	15.1	22.7



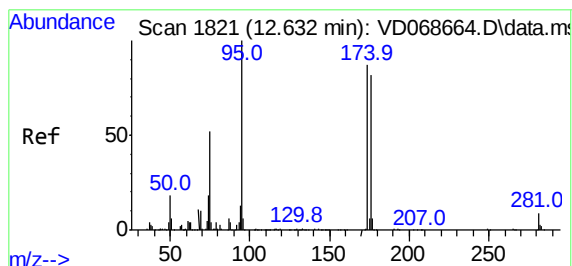
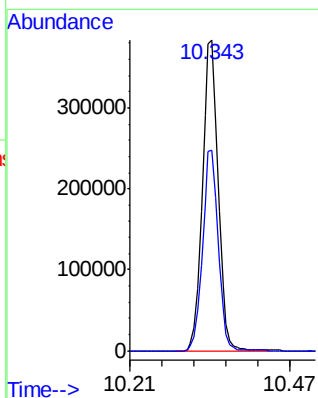
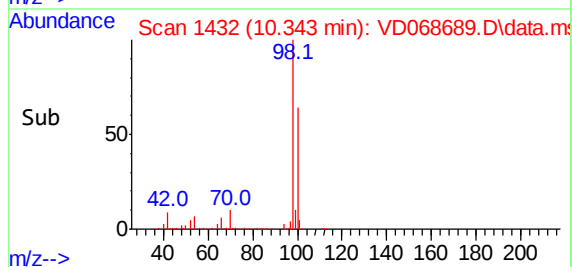


#50
Toluene-d8
Concen: 52.15 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

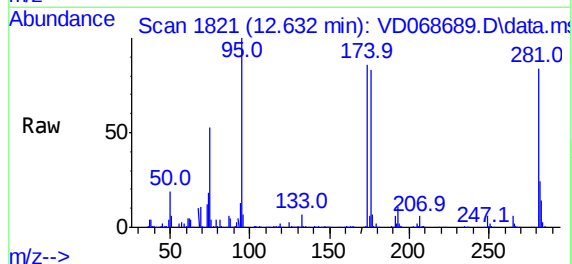
Instrument :
MSVOA_D
ClientSampleId :
IG001



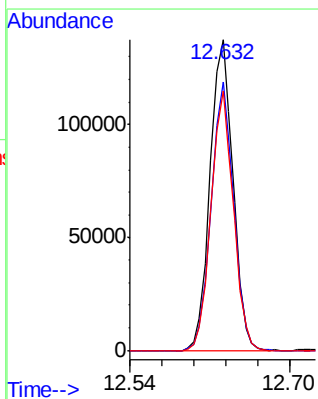
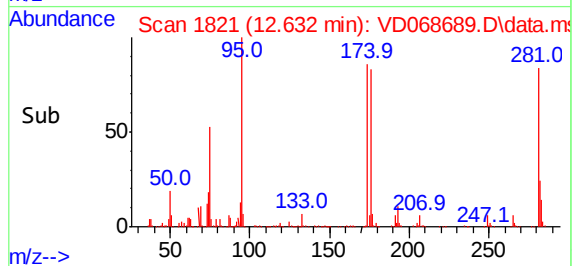
Tgt Ion: 98 Resp: 684211
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

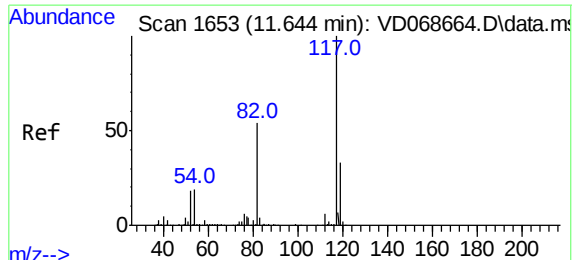


#62
4-Bromofluorobenzene
Concen: 51.18 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29



Tgt Ion: 95 Resp: 217706
Ion Ratio Lower Upper
95 100
174 84.8 0.0 168.0
176 81.5 0.0 160.2

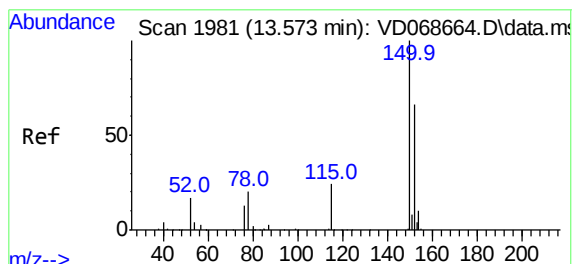
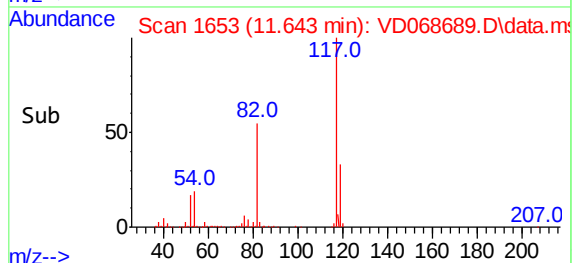
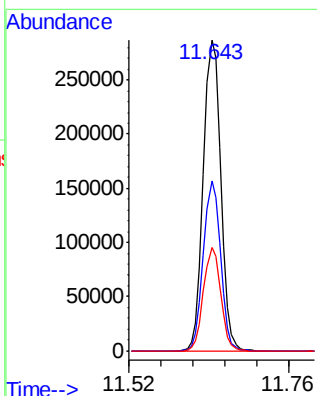
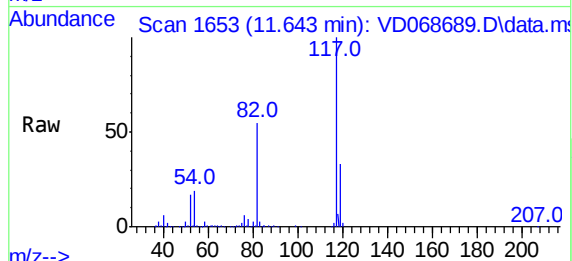




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068689.D
Acq: 26 Mar 2021 17:29

Instrument :
MSVOA_D
ClientSampleID :
IG001

Tgt Ion:117 Resp: 504720
Ion Ratio Lower Upper
117 100
82 54.9 43.5 65.3
119 33.5 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: VD068689.D
Acq: 26 Mar 2021 17:29

Tgt Ion:152 Resp: 200097
Ion Ratio Lower Upper
152 100
115 58.3 29.3 87.8
150 157.7 0.0 347.6

