

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069080.D
 Acq On : 06 May 2021 17:26
 Operator : VA/SY
 Sample : M2275-09
 Misc : 7.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-020

Quant Time: May 07 01:11:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	267937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	477942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	550182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	274301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	143068	41.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.86%
35) Dibromofluoromethane	7.914	113	162323	49.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.06%
50) Toluene-d8	10.338	98	600630	49.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.28%
62) 4-Bromofluorobenzene	12.626	95	266300	66.91	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	133.82%

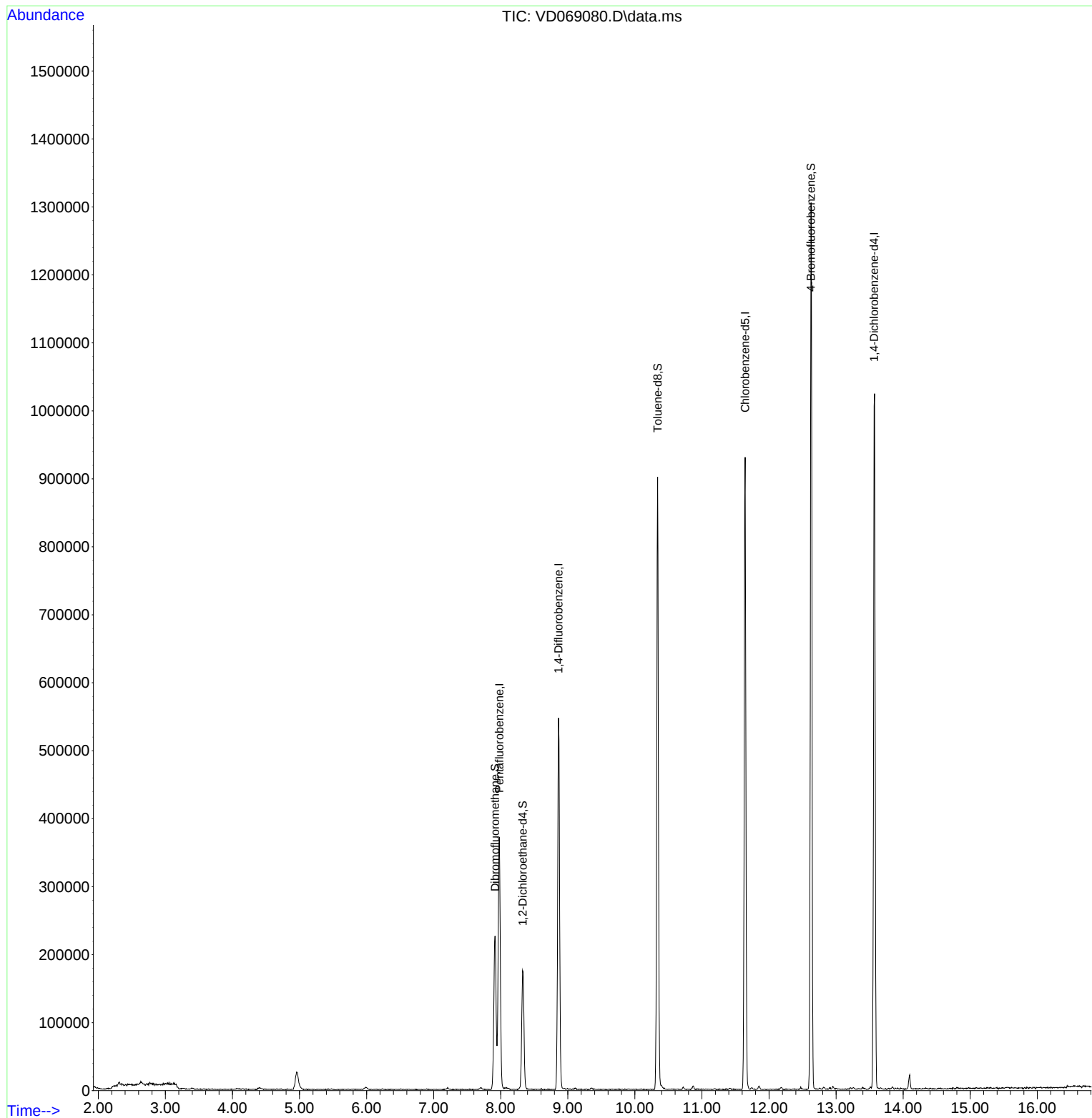
Target Compounds	Qvalue

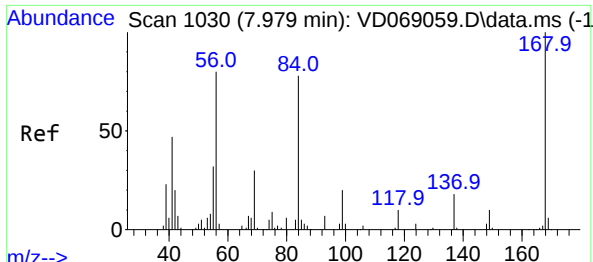
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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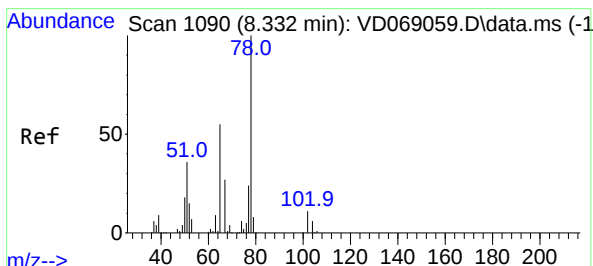
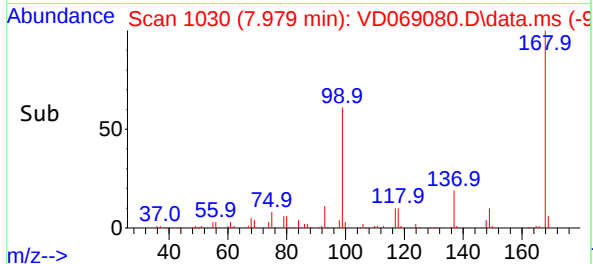
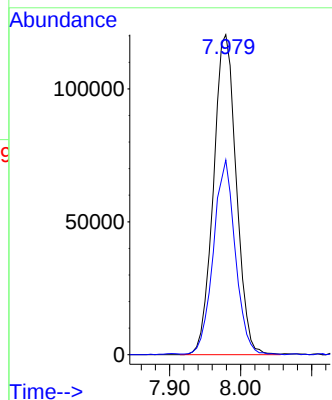
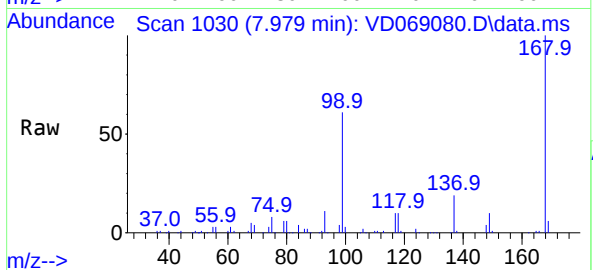




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069080.D
Acq: 06 May 2021 17:26

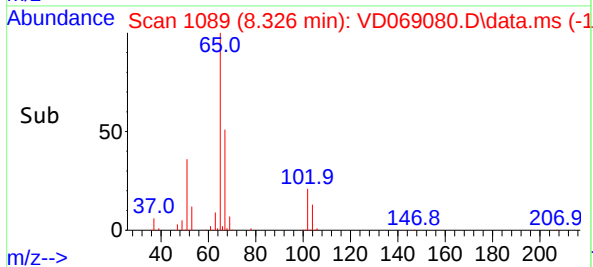
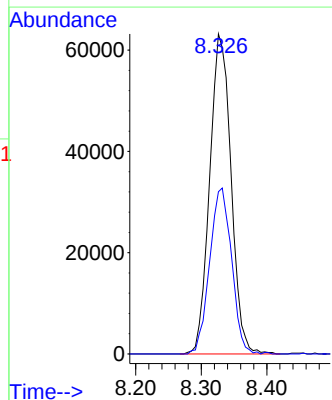
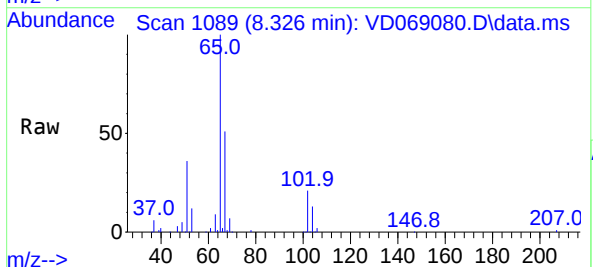
Instrument :
MSVOA_D
ClientSampleId :
CRT-020

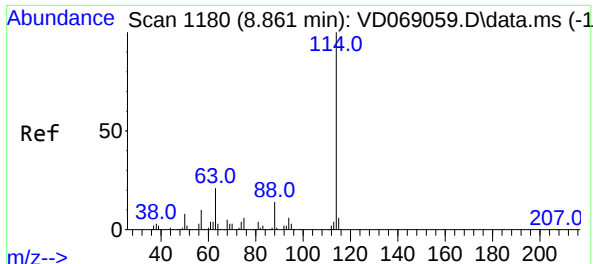
Tgt Ion:168 Resp: 267937
Ion Ratio Lower Upper
168 100
99 60.7 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 41.43 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069080.D
Acq: 06 May 2021 17:26

Tgt Ion: 65 Resp: 143068
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.4



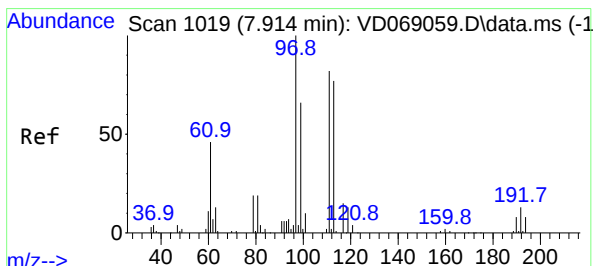
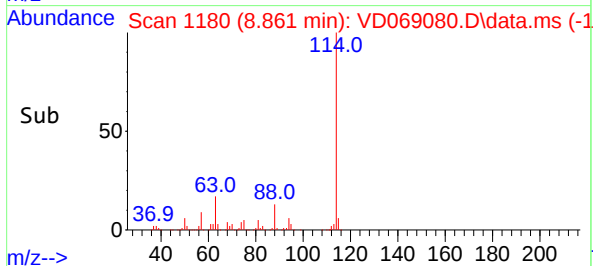
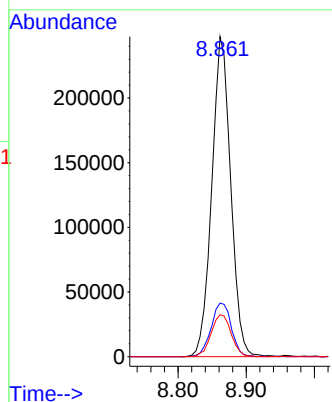
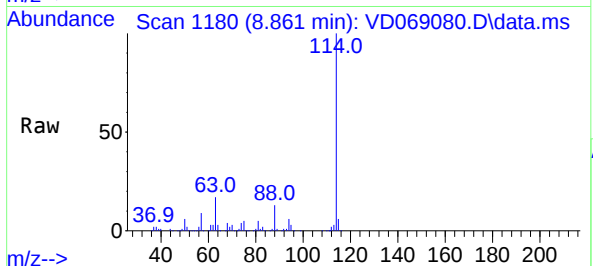


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069080.D
Acq: 06 May 2021 17:26

Instrument :
MSVOA_D
ClientSampled :
CRT-020

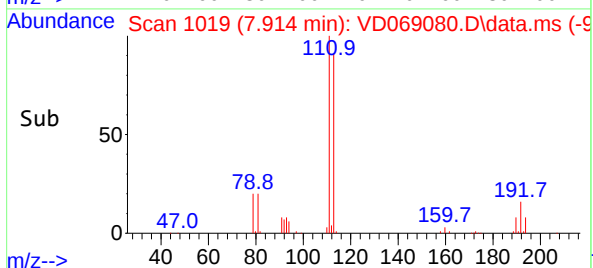
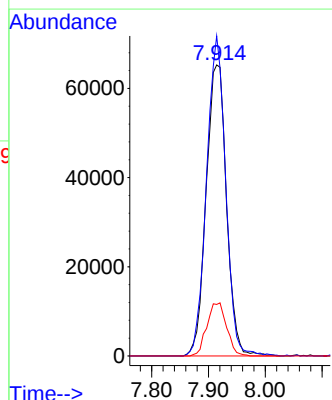
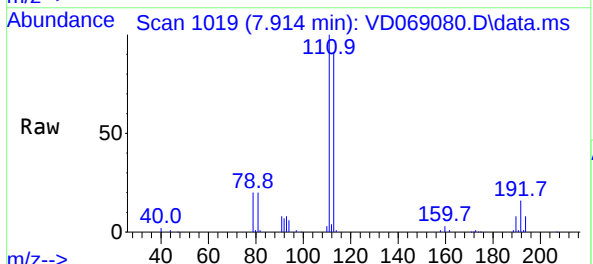
Tgt Ion:114 Resp: 477942
Ion Ratio Lower Upper
114 100
63 16.7 0.0 41.4
88 13.1 0.0 27.8

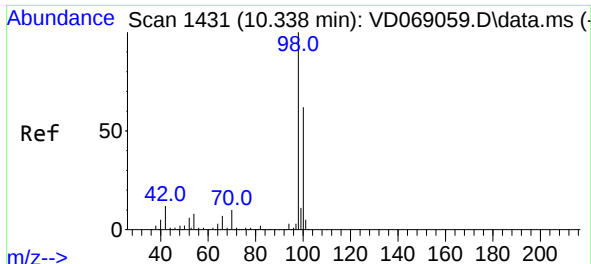


#35

Dibromofluoromethane
Concen: 49.53 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069080.D
Acq: 06 May 2021 17:26

Tgt Ion:113 Resp: 162323
Ion Ratio Lower Upper
113 100
111 103.3 84.6 126.8
192 17.7 13.5 20.3

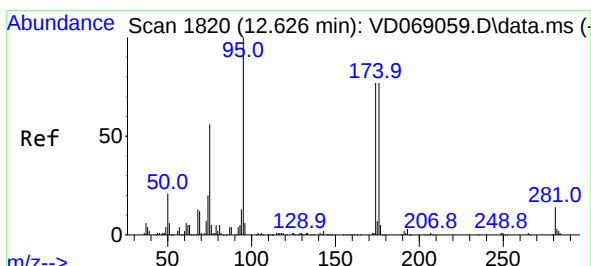
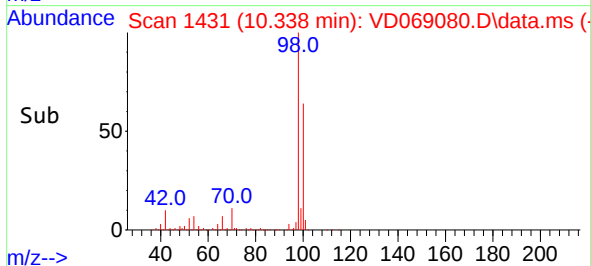
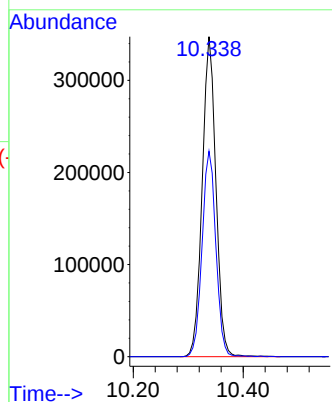
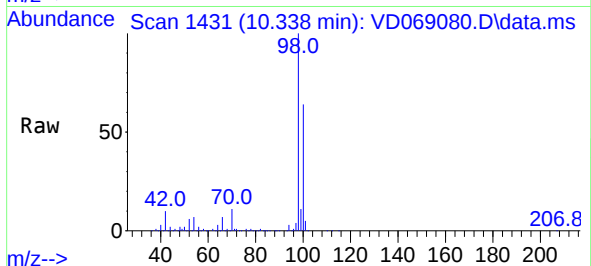




#50
Toluene-d8
Concen: 49.64 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069080.D
Acq: 06 May 2021 17:26

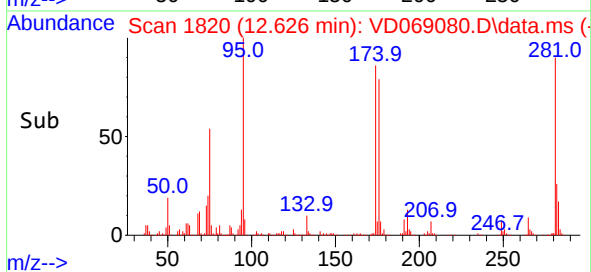
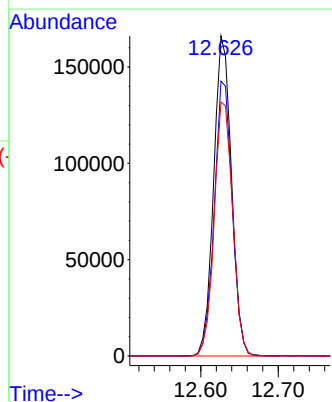
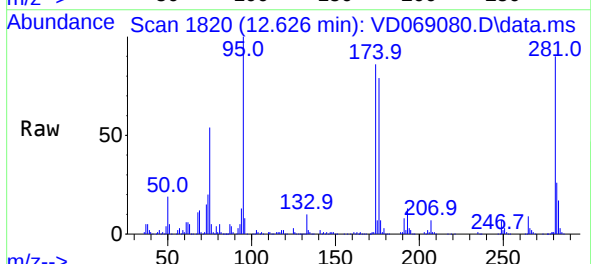
Instrument :
MSVOA_D
ClientSampled :
CRT-020

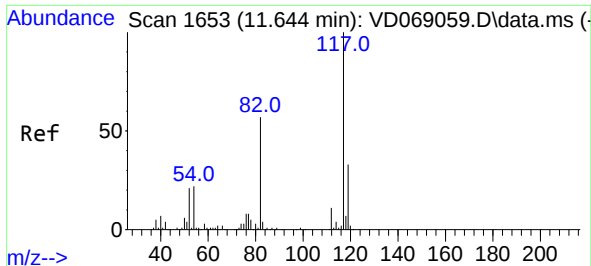
Tgt Ion: 98 Resp: 600630
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 66.91 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069080.D
Acq: 06 May 2021 17:26

Tgt Ion: 95 Resp: 266300
Ion Ratio Lower Upper
95 100
174 86.4 0.0 156.0
176 81.9 0.0 149.4

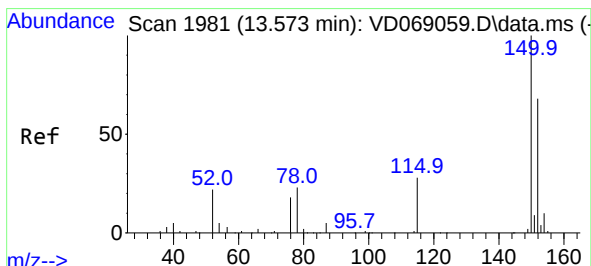
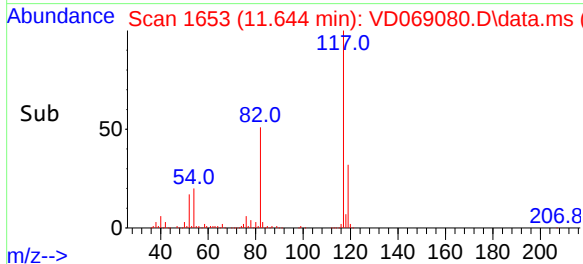
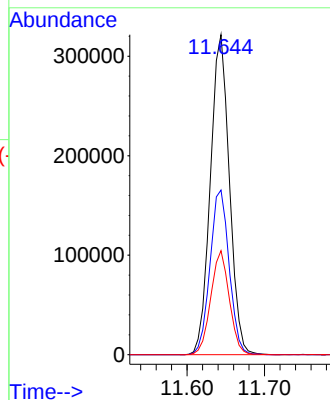
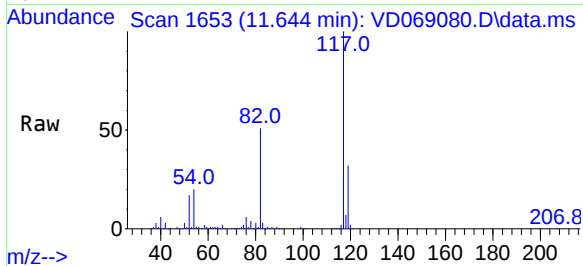




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069080.D
Acq: 06 May 2021 17:26

Instrument :
MSVOA_D
ClientSampleId :
CRT-020

Tgt Ion:	117	Resp:	550182
Ion Ratio	Lower	Upper	
117	100		
82	51.4	45.4	68.2
119	32.5	26.8	40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069080.D
Acq: 06 May 2021 17:26

Tgt Ion:	152	Resp:	274301
Ion Ratio	Lower	Upper	
152	100		
115	60.3	30.5	91.5
150	159.6	0.0	340.8

