

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069597.D
 Acq On : 06 Jul 2021 22:24
 Operator : VA/SY
 Sample : M2946-04
 Misc : 6.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

Quant Time: Jul 07 04:56:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	43159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	85908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	98680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	45293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	49805	92.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 185.160%#	
35) Dibromofluoromethane	7.914	113	35670	61.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.840%	
50) Toluene-d8	10.338	98	107988	49.576	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	12.626	95	42327	59.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.220%	

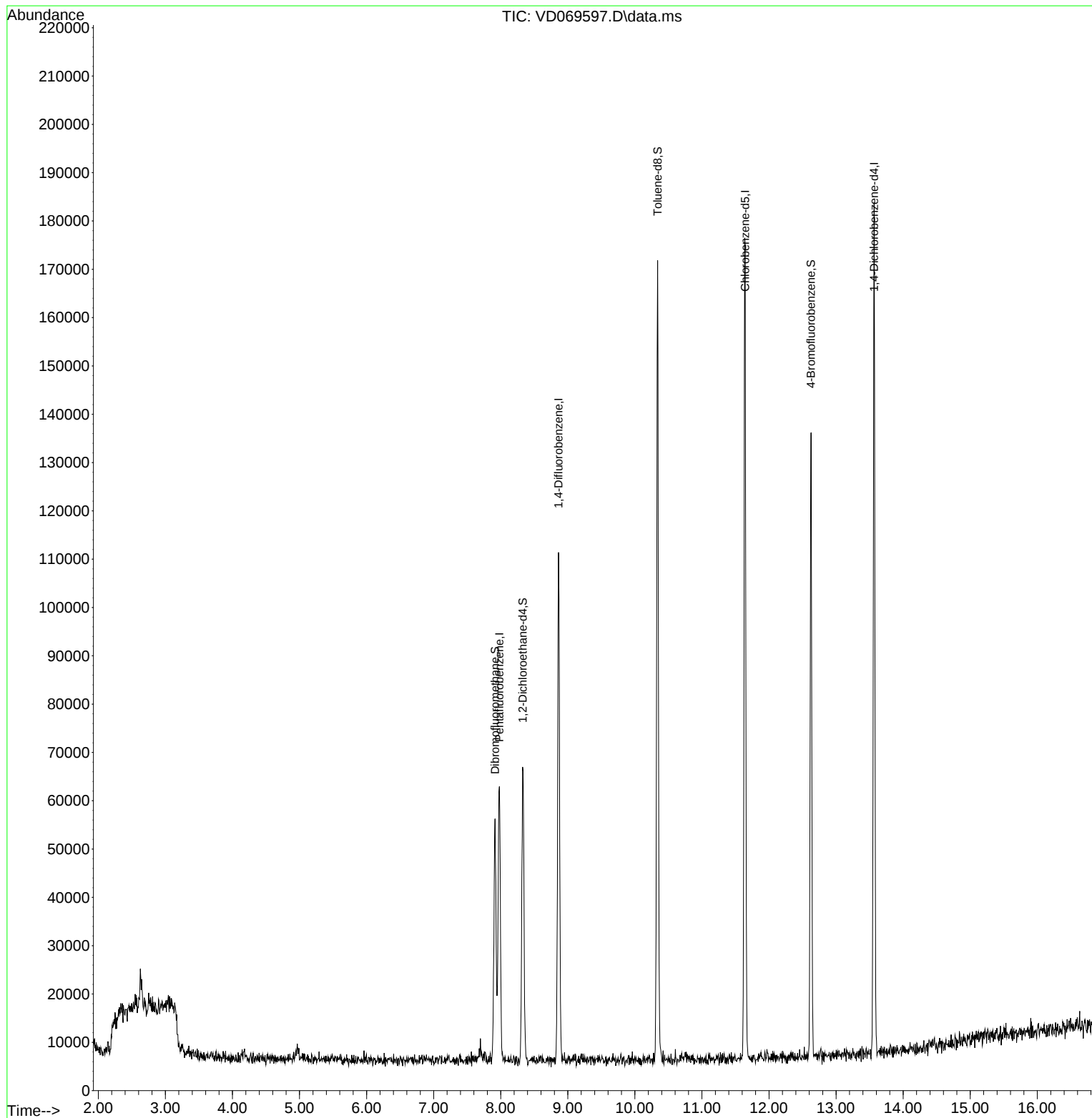
Target Compounds	Qvalue

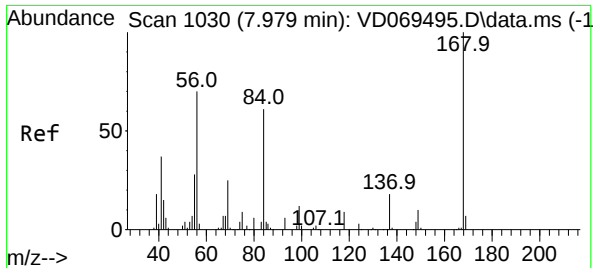
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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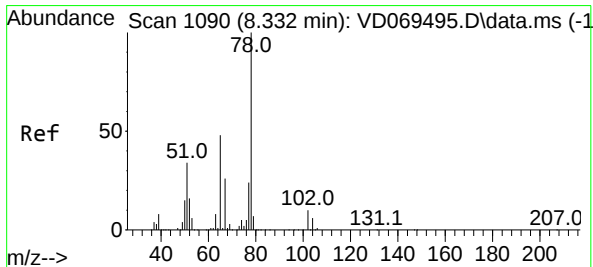
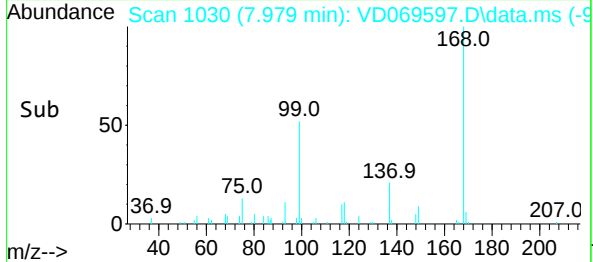
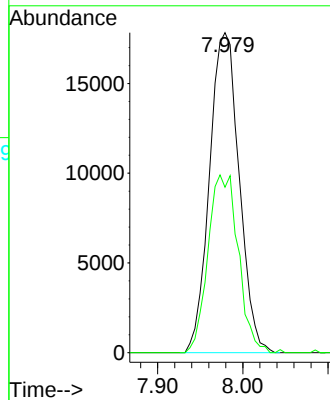
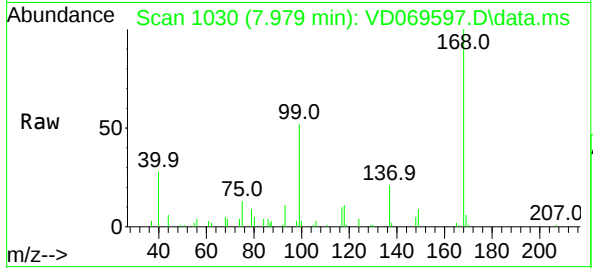




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069597.D
Acq: 06 Jul 2021 22:24

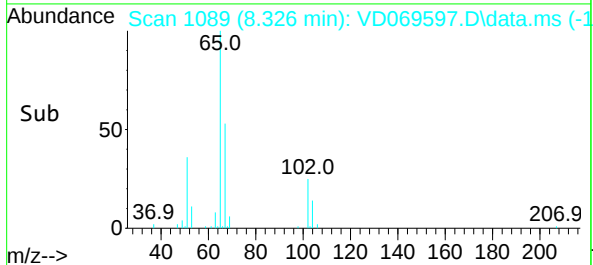
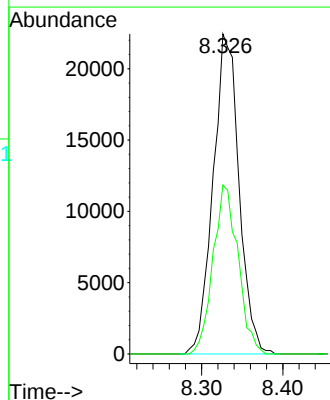
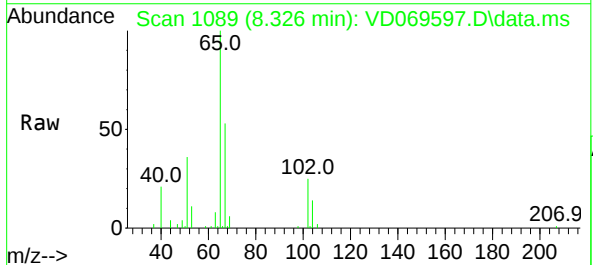
Instrument :
MSVOA_D
ClientSampled :
SB-4

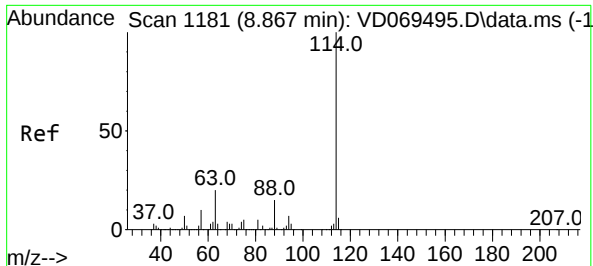
Tgt Ion:168 Resp: 43159
Ion Ratio Lower Upper
168 100
99 51.7 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 92.580 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069597.D
Acq: 06 Jul 2021 22:24

Tgt Ion: 65 Resp: 49805
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.6



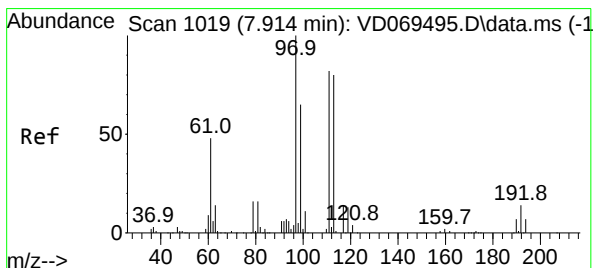
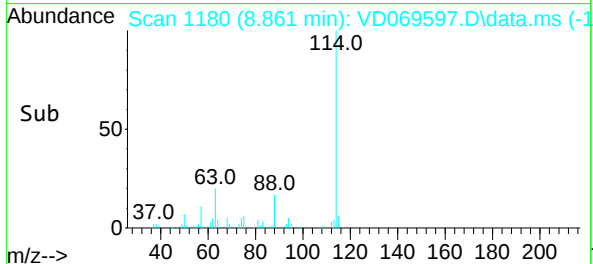
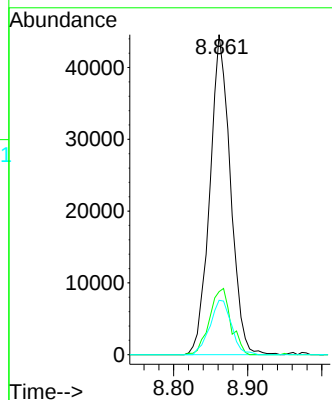
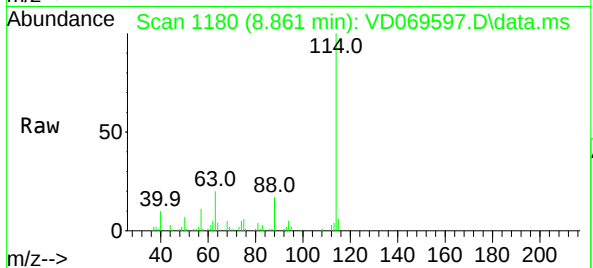


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069597.D
Acq: 06 Jul 2021 22:24

Instrument :
MSVOA_D
ClientSampled :
SB-4

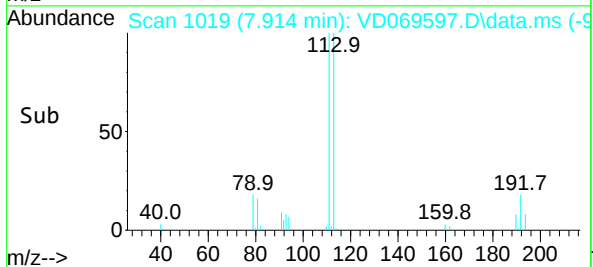
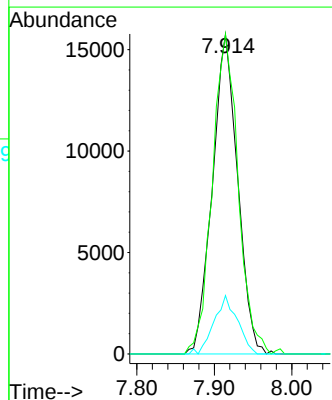
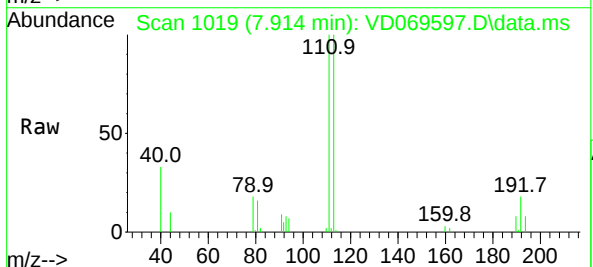
Tgt Ion:	114	Resp:	85908
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	39.6
88	17.0	0.0	29.8

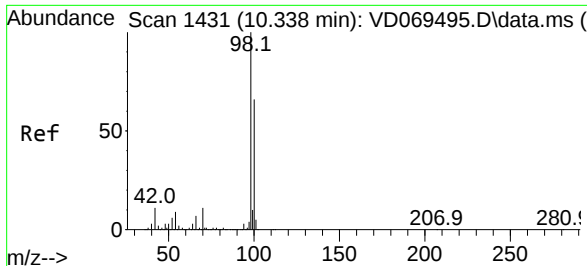


#35

Dibromofluoromethane
Concen: 61.424 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069597.D
Acq: 06 Jul 2021 22:24

Tgt Ion:	113	Resp:	35670
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.8	122.8
192	16.9	13.8	20.6

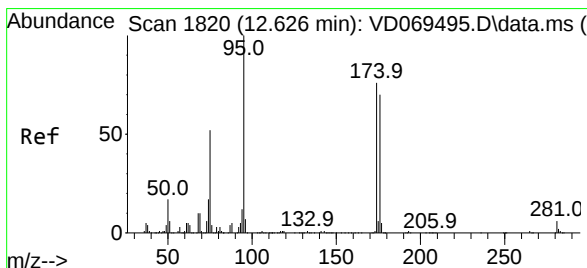
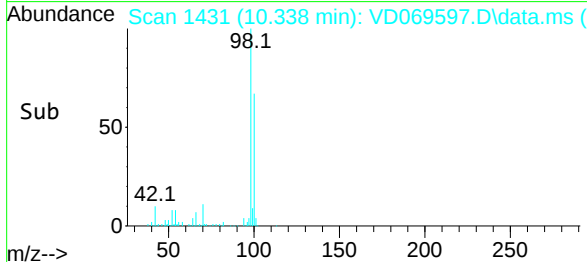
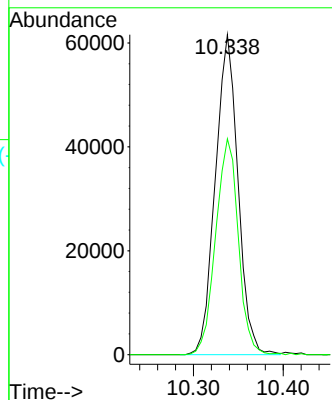
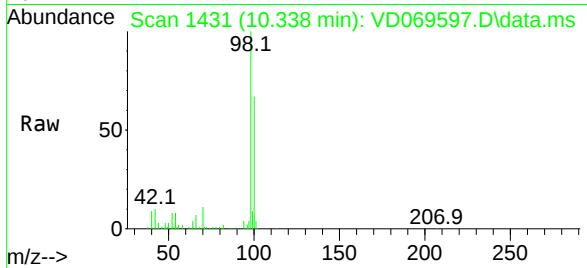




#50
Toluene-d8
Concen: 49.576 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069597.D
Acq: 06 Jul 2021 22:24

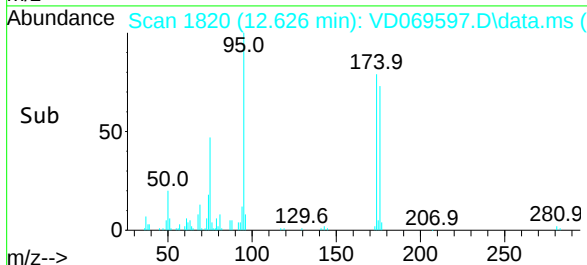
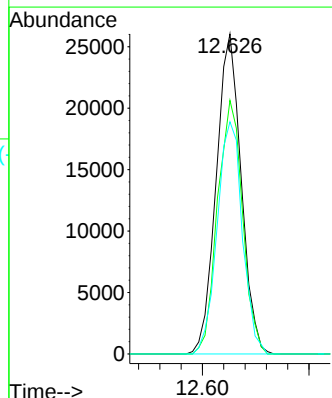
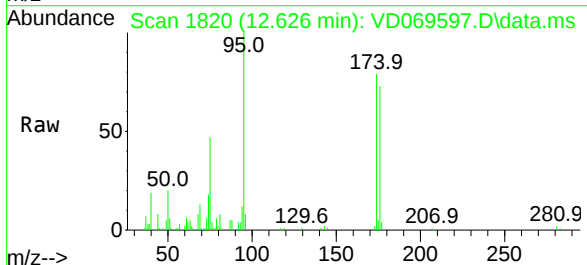
Instrument :
MSVOA_D
ClientSampleId :
SB-4

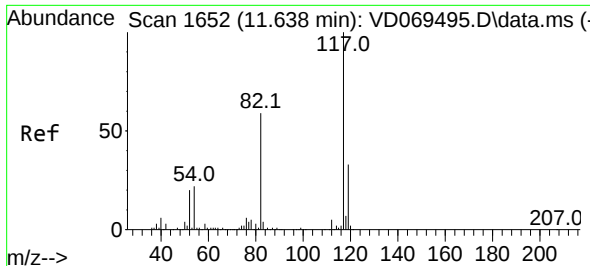
Tgt Ion: 98 Resp: 107988
Ion Ratio Lower Upper
98 100
100 67.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 59.107 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069597.D
Acq: 06 Jul 2021 22:24

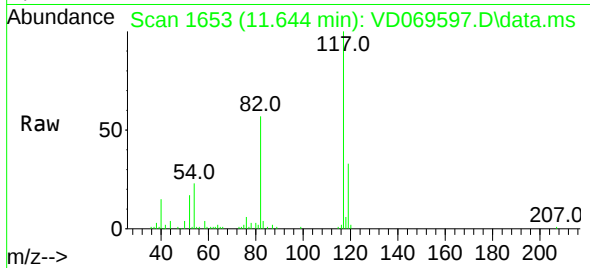
Tgt Ion: 95 Resp: 42327
Ion Ratio Lower Upper
95 100
174 79.4 0.0 148.0
176 73.2 0.0 139.8



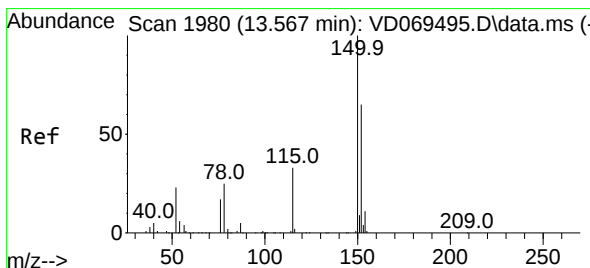
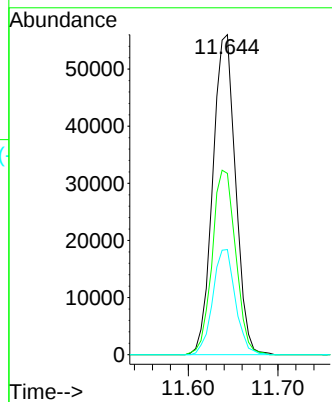
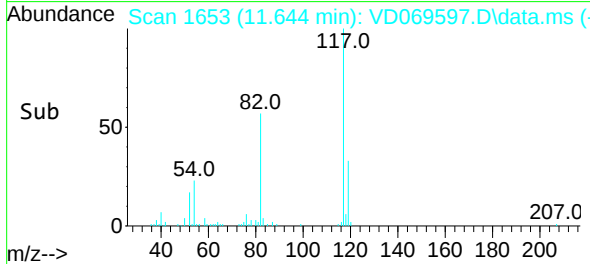


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069597.D
Acq: 06 Jul 2021 22:24

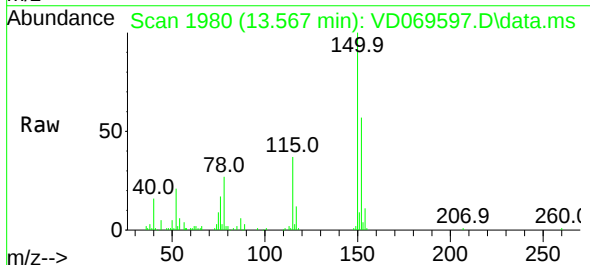
Instrument :
MSVOA_D
ClientSampled :
SB-4



Tgt Ion:117 Resp: 98680
Ion Ratio Lower Upper
117 100
82 56.7 46.8 70.2
119 32.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069597.D
Acq: 06 Jul 2021 22:24



Tgt Ion:152 Resp: 45293
Ion Ratio Lower Upper
152 100
115 60.9 31.7 95.1
150 157.3 0.0 350.8

