

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
 Data File : VD069865.D
 Acq On : 27 Jul 2021 14:31
 Operator : VA/SY
 Sample : M3170-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-072321

Quant Time: Jul 28 03:58:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	27797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	49130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	44827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	17687	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	27363	85.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.180%#
35) Dibromofluoromethane	7.908	113	17089	55.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.360%
50) Toluene-d8	10.332	98	56863	47.614	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.620	95	17535	43.934	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.860%

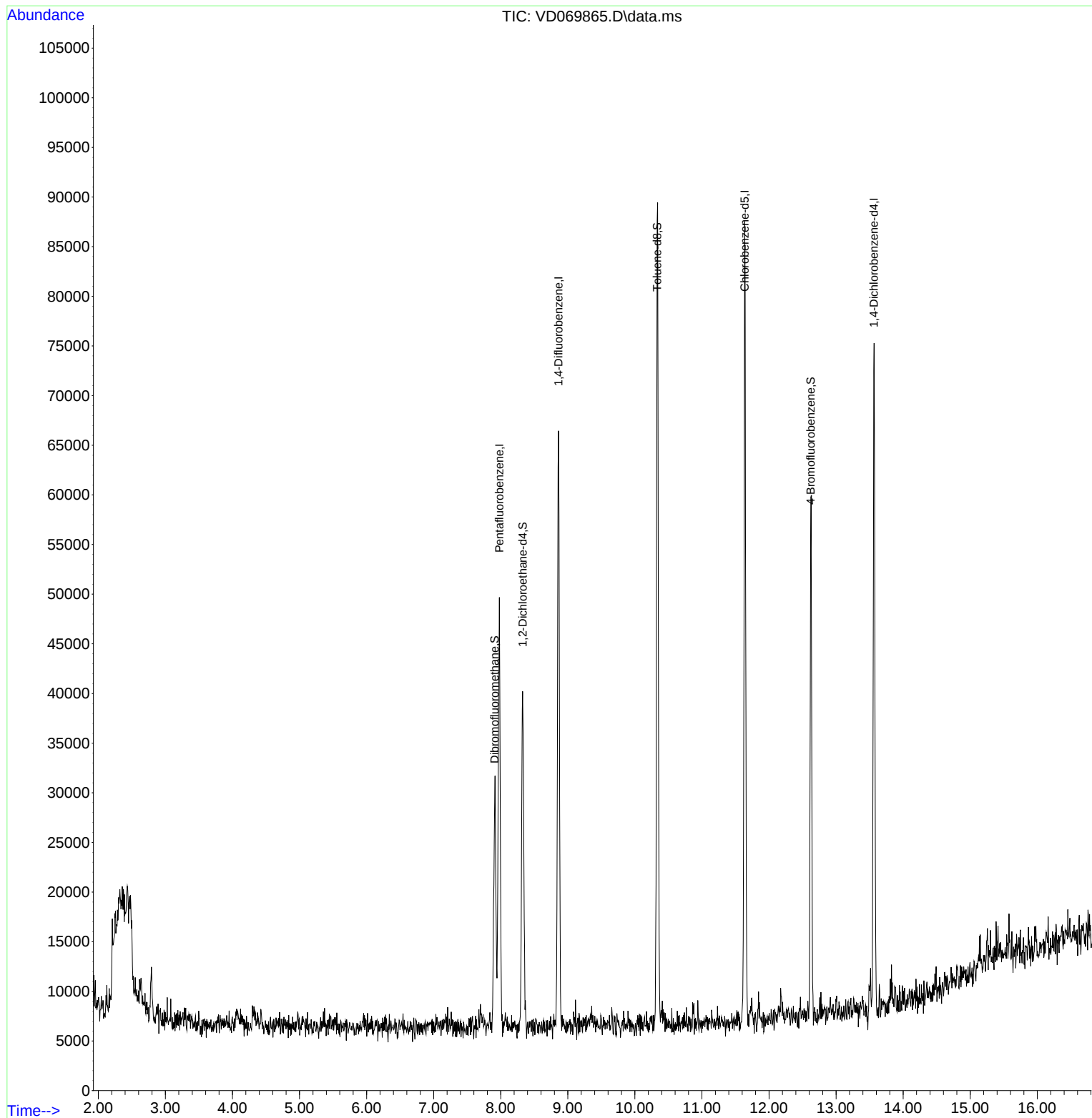
Target Compounds	Qvalue

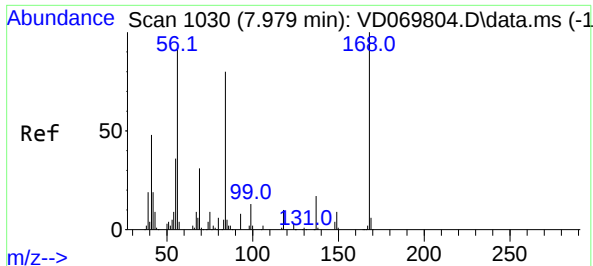
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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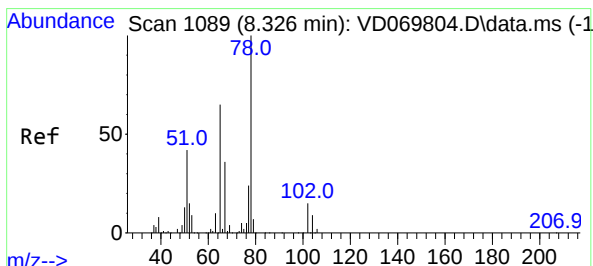
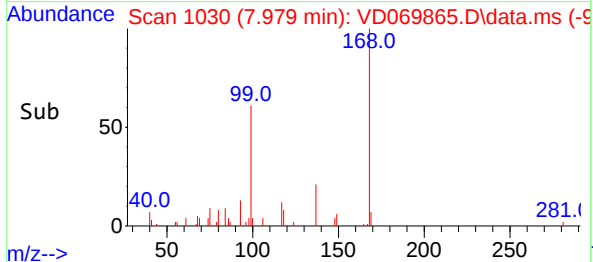
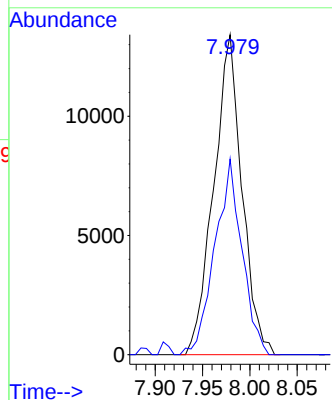
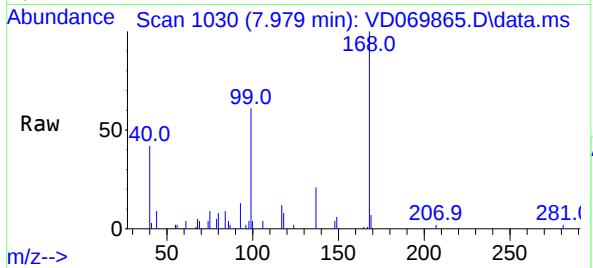




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069865.D
Acq: 27 Jul 2021 14:31

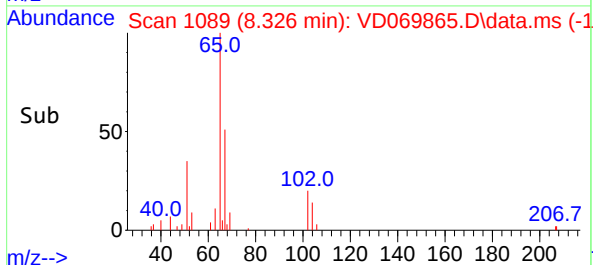
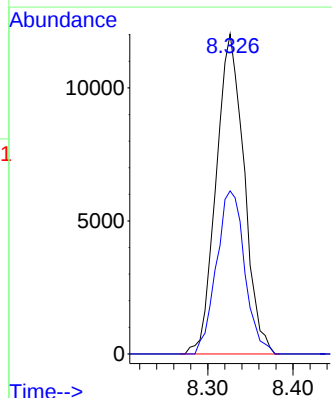
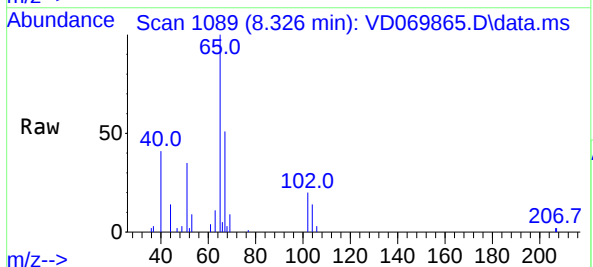
Instrument :
MSVOA_D
ClientSampleId :
SU-02-072321

Tgt Ion:168 Resp: 27797
Ion Ratio Lower Upper
168 100
99 61.2 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 85.592 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069865.D
Acq: 27 Jul 2021 14:31

Tgt Ion: 65 Resp: 27363
Ion Ratio Lower Upper
65 100
67 51.7 0.0 111.2

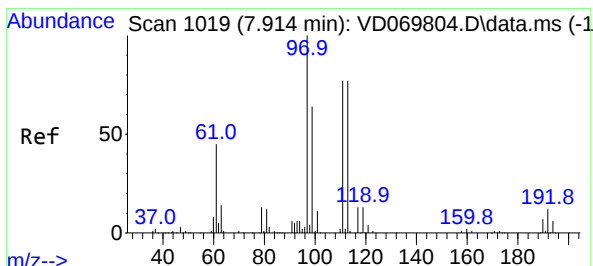
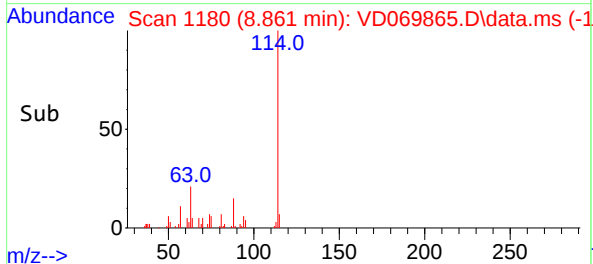
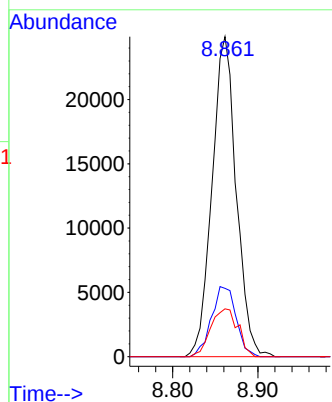
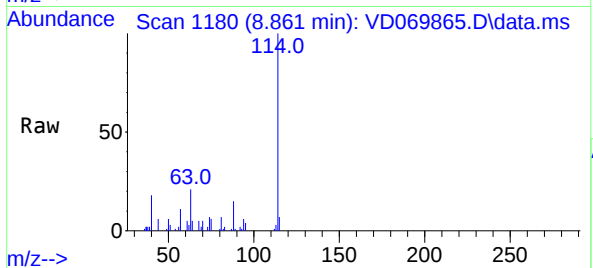




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069865.D
Acq: 27 Jul 2021 14:31

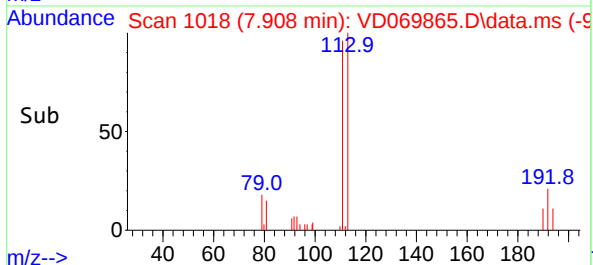
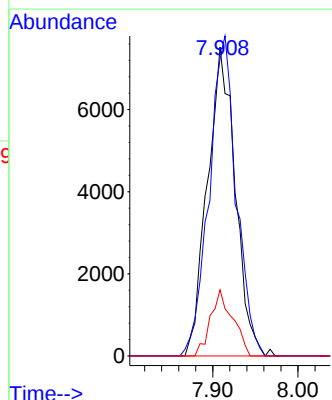
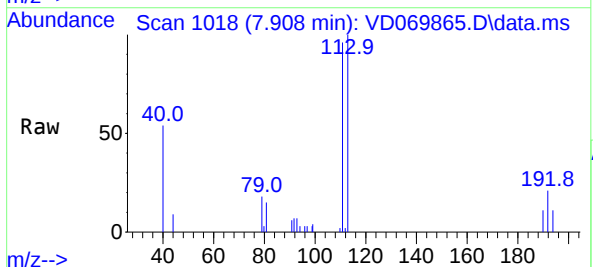
Instrument :
MSVOA_D
ClientSampleId :
SU-02-072321

Tgt Ion:	114	Resp:	49130
Ion Ratio	Lower	Upper	
114	100		
63	21.4	0.0	41.6
88	14.9	0.0	31.4



#35
Dibromofluoromethane
Concen: 55.176 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069865.D
Acq: 27 Jul 2021 14:31

Tgt Ion:	113	Resp:	17089
Ion Ratio	Lower	Upper	
113	100		
111	101.0	80.5	120.7
192	17.0	12.6	19.0

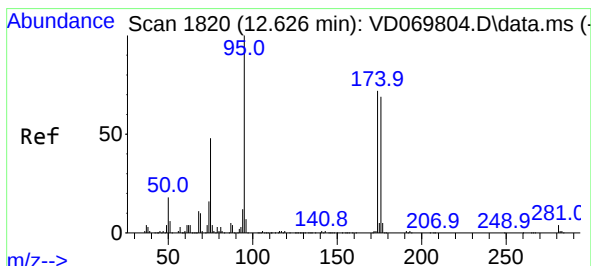
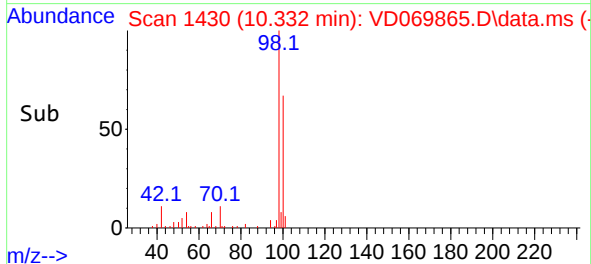
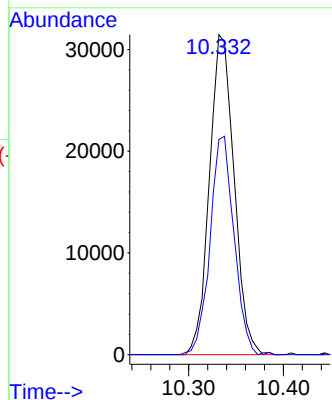
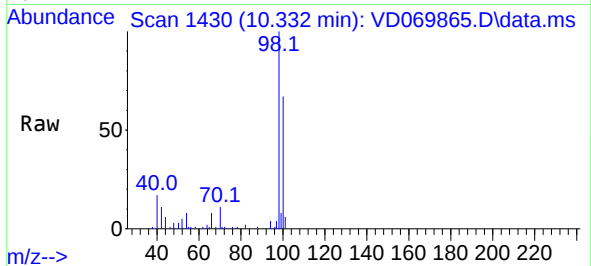




#50
Toluene-d8
Concen: 47.614 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069865.D
Acq: 27 Jul 2021 14:31

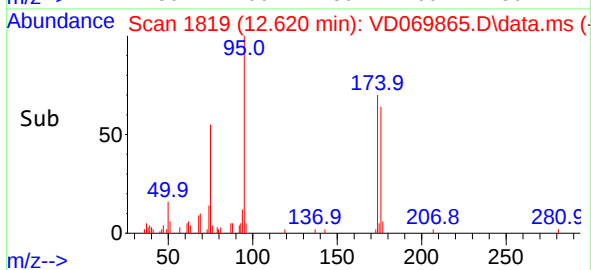
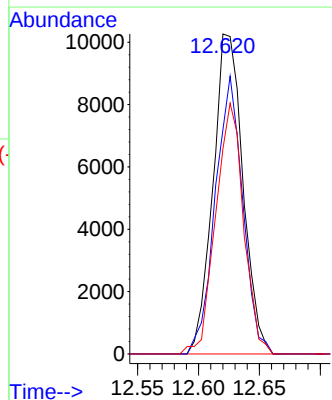
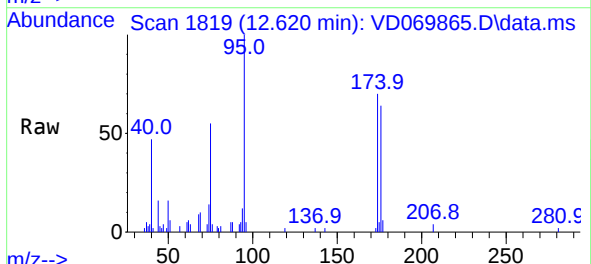
Instrument :
MSVOA_D
ClientSampleId :
SU-02-072321

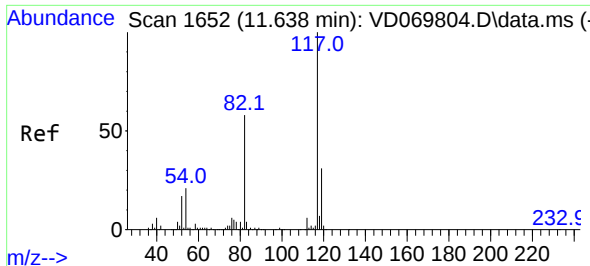
Tgt Ion: 98 Resp: 56863
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.934 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069865.D
Acq: 27 Jul 2021 14:31

Tgt Ion: 95 Resp: 17535
Ion Ratio Lower Upper
95 100
174 79.9 0.0 142.6
176 72.8 0.0 134.2

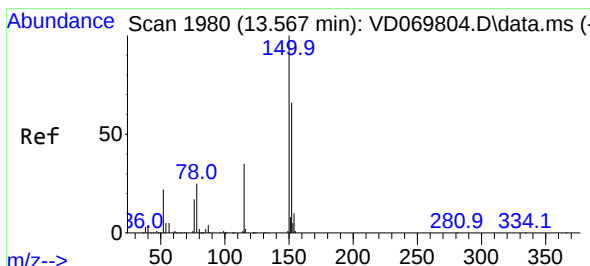
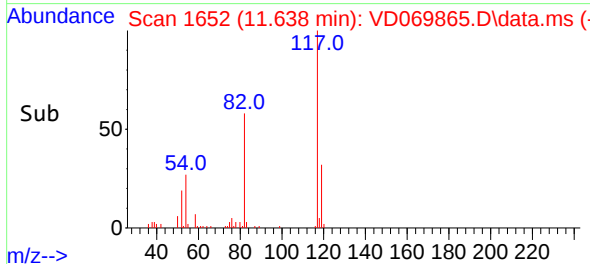
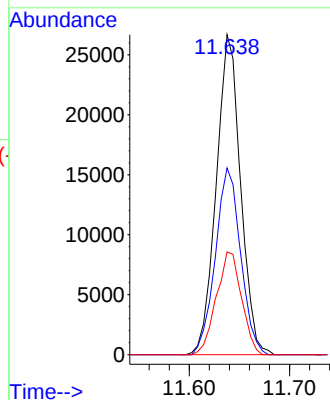
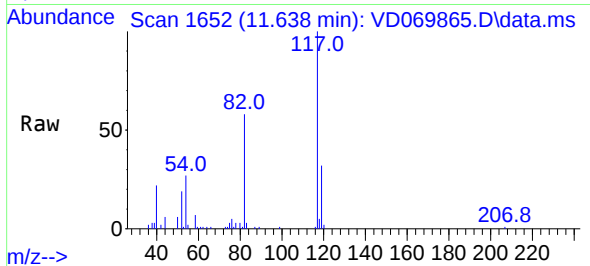




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069865.D
Acq: 27 Jul 2021 14:31

Instrument :
MSVOA_D
ClientSampleId :
SU-02-072321

Tgt Ion:	117	Resp:	44827
Ion Ratio	Lower	Upper	
117	100		
82	58.3	46.3	69.5
119	32.1	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069865.D
Acq: 27 Jul 2021 14:31

Tgt Ion:	152	Resp:	17687
Ion Ratio	Lower	Upper	
152	100		
115	61.4	31.1	93.3
150	157.7	0.0	343.0

