

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
 Data File : VD069869.D
 Acq On : 27 Jul 2021 16:25
 Operator : VA/SY
 Sample : M3200-06
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-3A

Quant Time: Jul 28 03:59:43 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	11306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	19895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	18893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	7690	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	11968	92.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	184.080%#
35) Dibromofluoromethane	7.909	113	7078	56.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.880%
50) Toluene-d8	10.338	98	24717	51.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.626	95	7331	45.359	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.720%

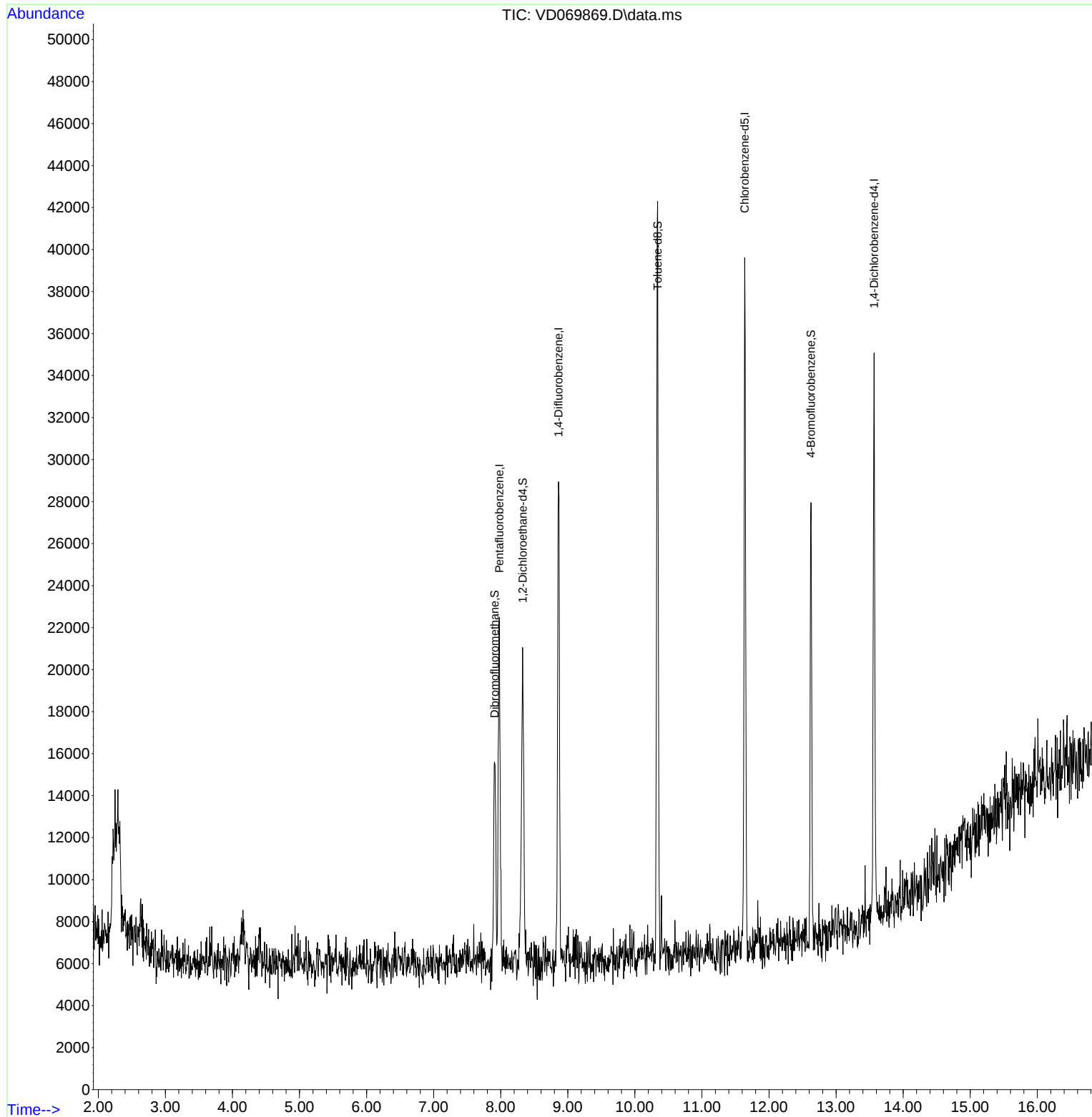
Target Compounds	Qvalue

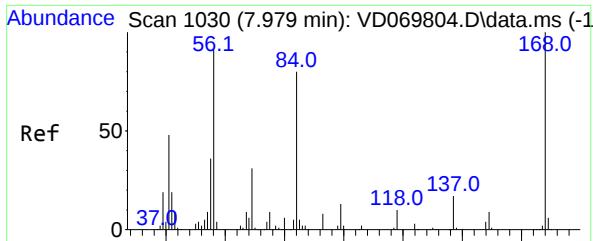
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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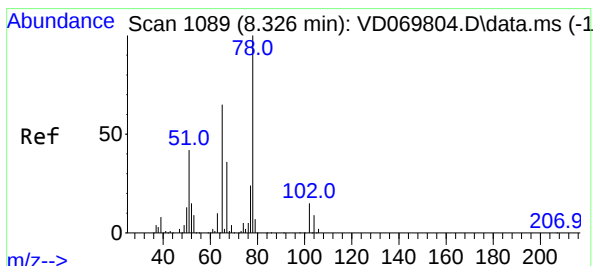
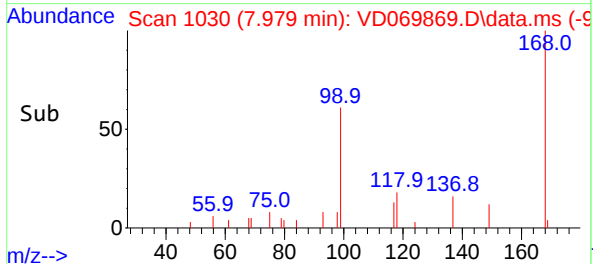
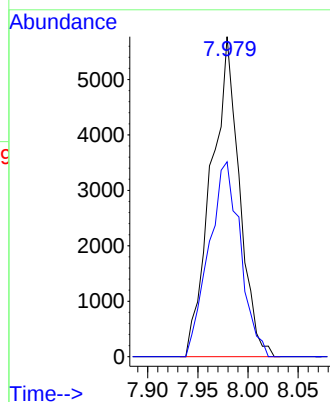
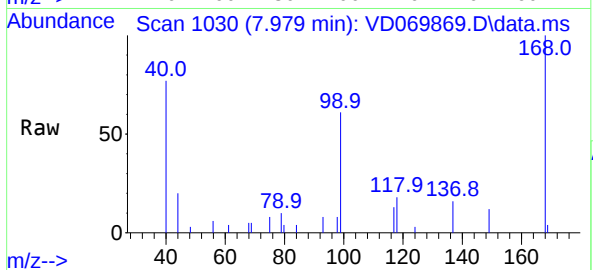




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069869.D
Acq: 27 Jul 2021 16:25

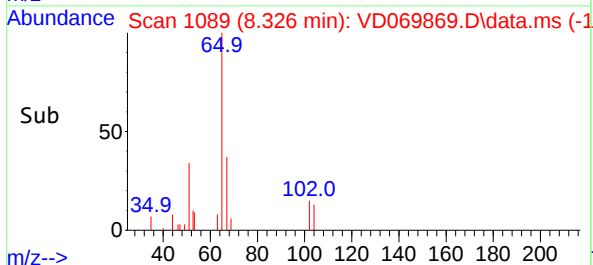
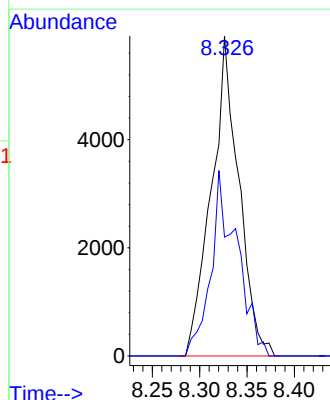
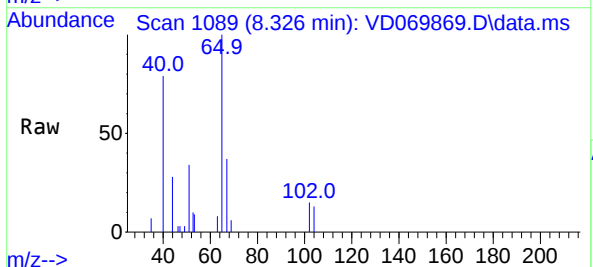
Instrument :
MSVOA_D
ClientSampleId :
GS-3A

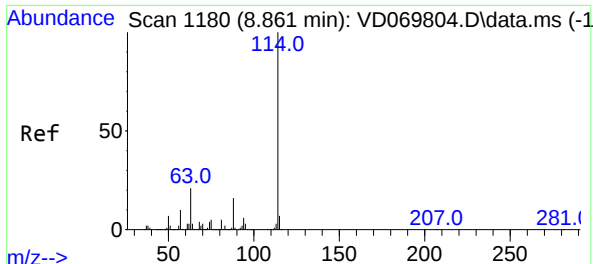
Tgt Ion:168 Resp: 11306
Ion Ratio Lower Upper
168 100
99 60.9 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 92.041 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069869.D
Acq: 27 Jul 2021 16:25

Tgt Ion: 65 Resp: 11968
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.2



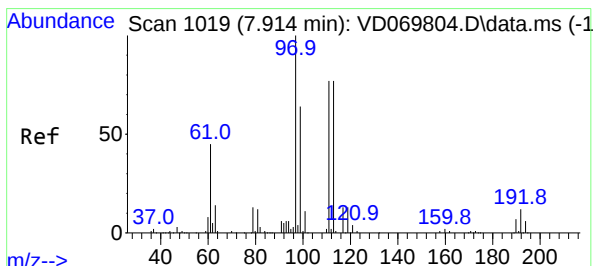
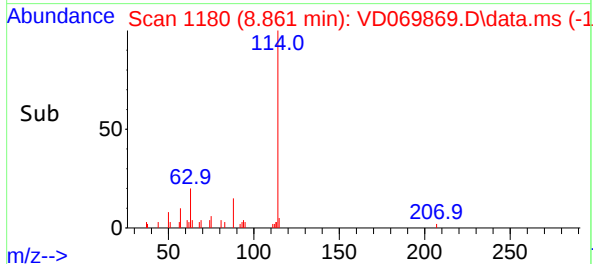
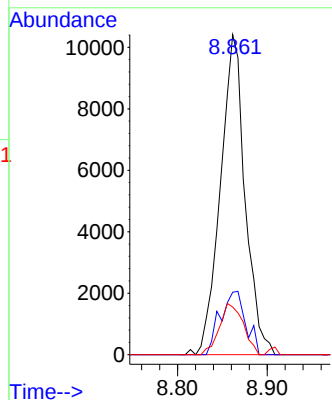
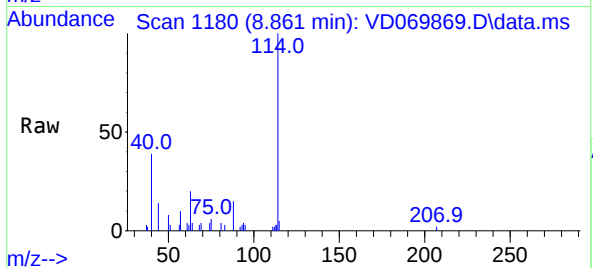


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069869.D
Acq: 27 Jul 2021 16:25

Instrument :
MSVOA_D
ClientSampled :
GS-3A

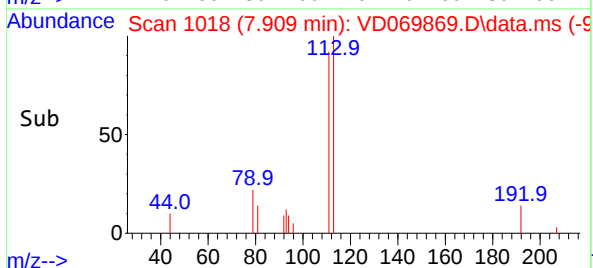
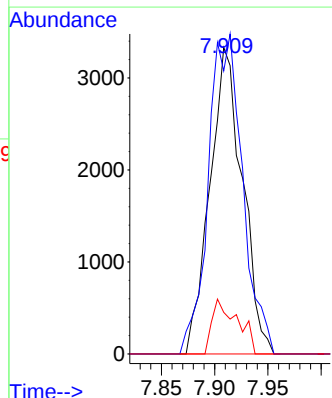
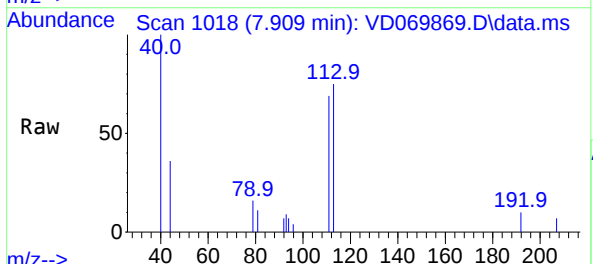
Tgt Ion:	114	Resp:	19895
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.6
88	14.9	0.0	31.4



#35

Dibromofluoromethane
Concen: 56.435 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069869.D
Acq: 27 Jul 2021 16:25

Tgt Ion:	113	Resp:	7078
Ion	Ratio	Lower	Upper
113	100		
111	109.6	80.5	120.7
192	14.0	12.6	19.0

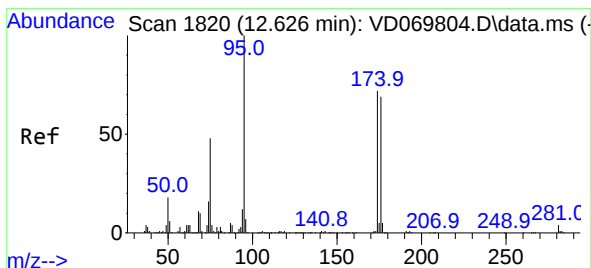
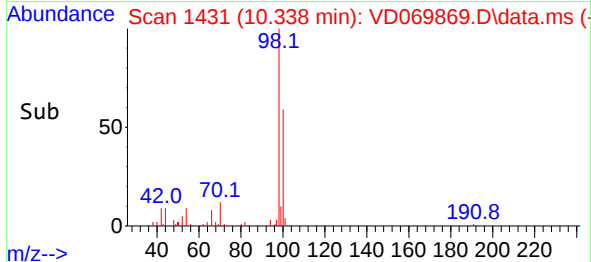
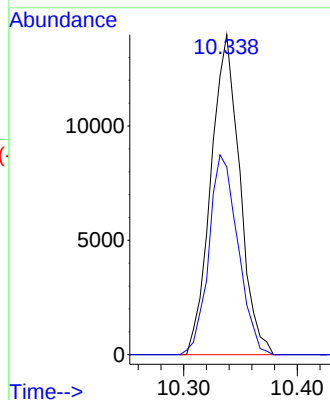
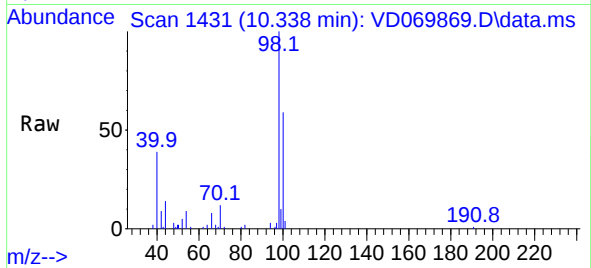




#50
Toluene-d8
Concen: 51.110 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069869.D
Acq: 27 Jul 2021 16:25

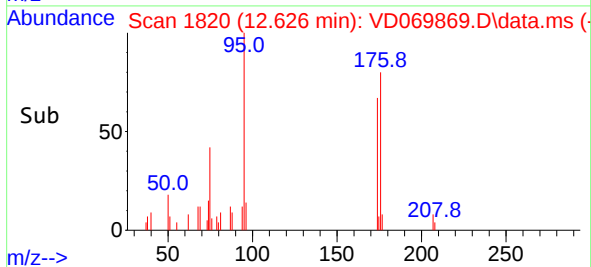
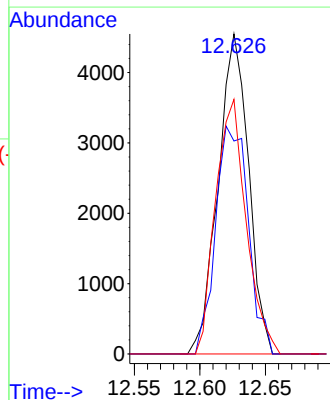
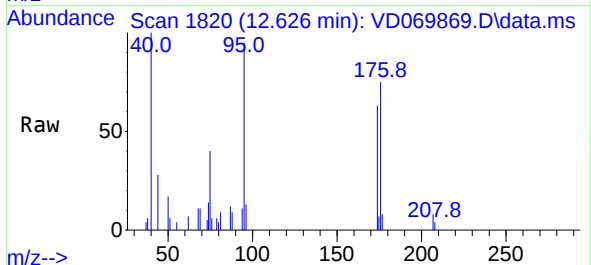
Instrument :
MSVOA_D
ClientSampled :
GS-3A

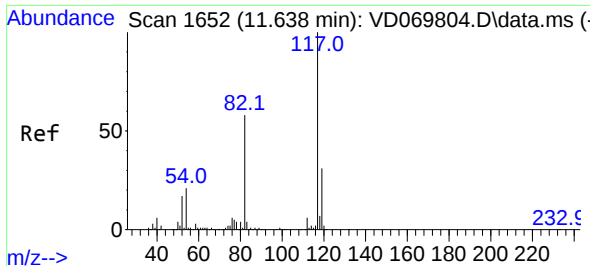
Tgt Ion: 98 Resp: 24717
Ion Ratio Lower Upper
98 100
100 62.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.359 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069869.D
Acq: 27 Jul 2021 16:25

Tgt Ion: 95 Resp: 7331
Ion Ratio Lower Upper
95 100
174 76.6 0.0 142.6
176 80.3 0.0 134.2

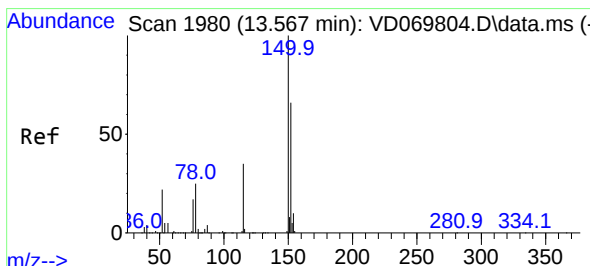
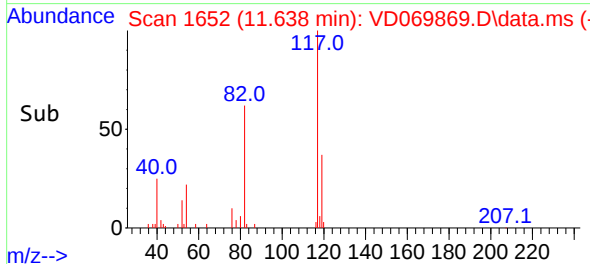
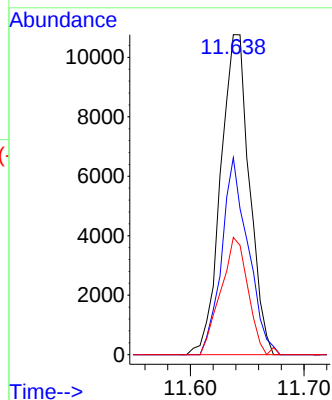
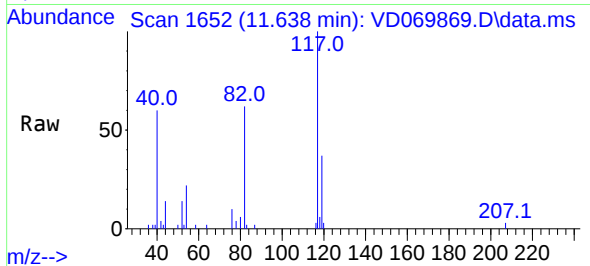




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069869.D
Acq: 27 Jul 2021 16:25

Instrument :
MSVOA_D
ClientSampleId :
GS-3A

Tgt Ion:	117	Resp:	18893
Ion Ratio	Lower	Upper	
117	100		
82	61.5	46.3	69.5
119	36.7	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069869.D
Acq: 27 Jul 2021 16:25

Tgt Ion:	152	Resp:	7690
Ion Ratio	Lower	Upper	
152	100		
115	61.4	31.1	93.3
150	136.1	0.0	343.0

