

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
 Data File : VD069764.D
 Acq On : 20 Jul 2021 12:30
 Operator : VA/SY
 Sample : M3039-11
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-11.5-12.0

Quant Time: Jul 21 03:24:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	45286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	82711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	103602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	49773	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	40673	71.930	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.860%
35) Dibromofluoromethane	7.914	113	26717	48.148	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.300%
50) Toluene-d8	10.338	98	106612	49.455	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.900%
62) 4-Bromofluorobenzene	12.626	95	44015	61.220	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.440%

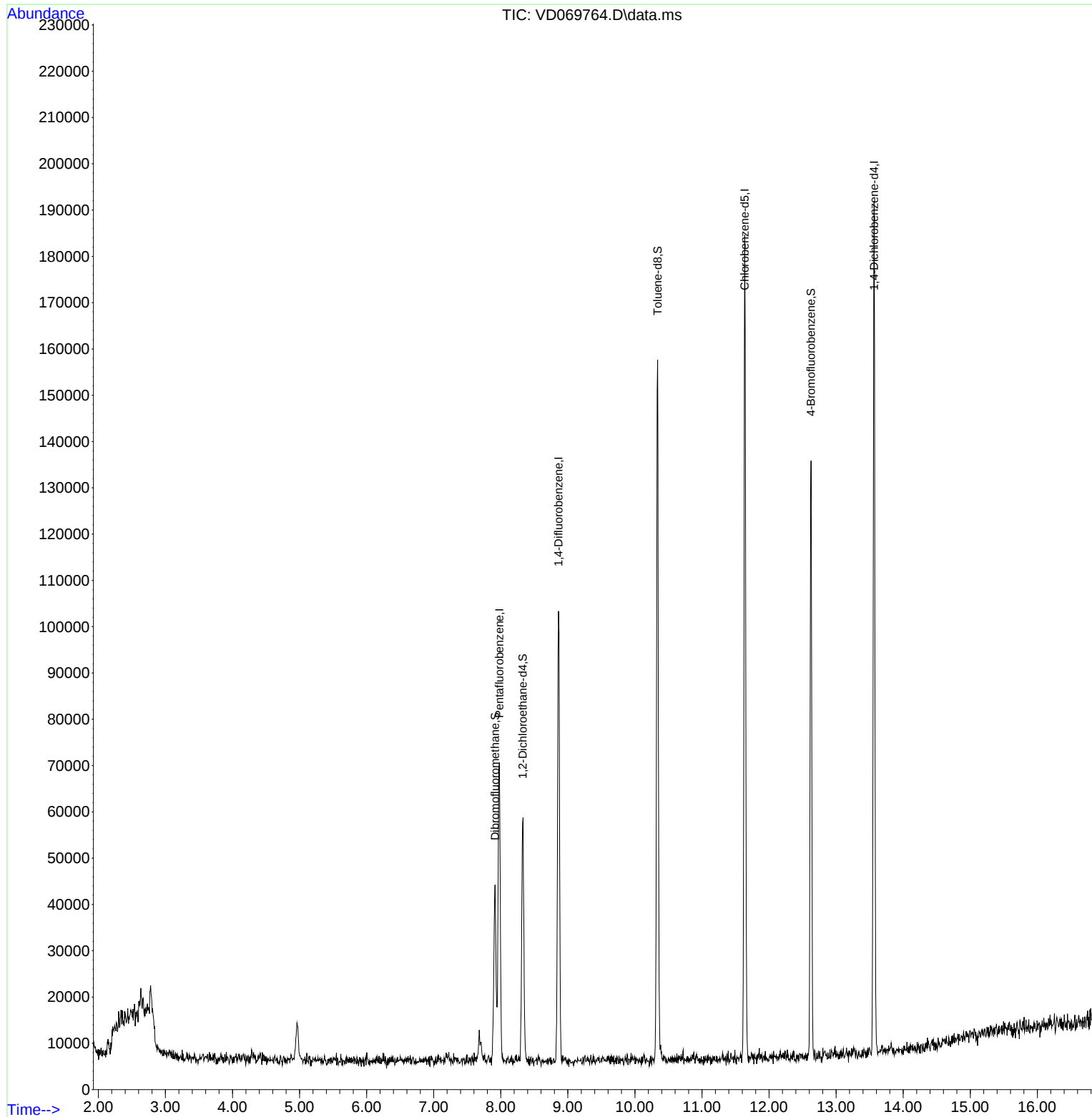
Target Compounds	Qvalue

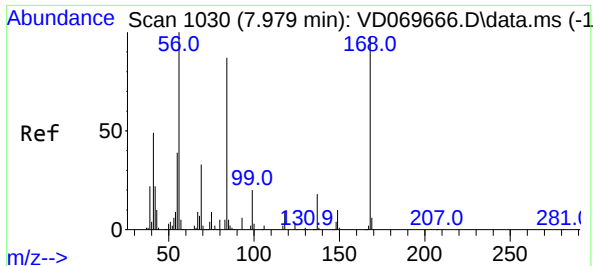
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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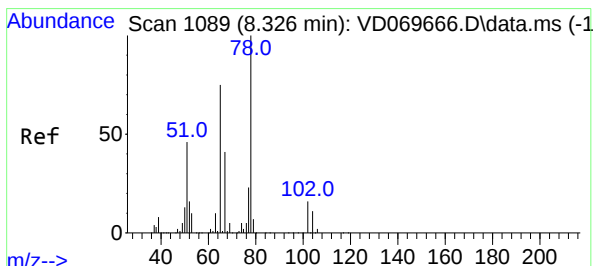
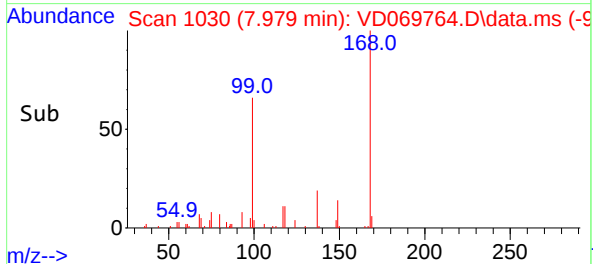
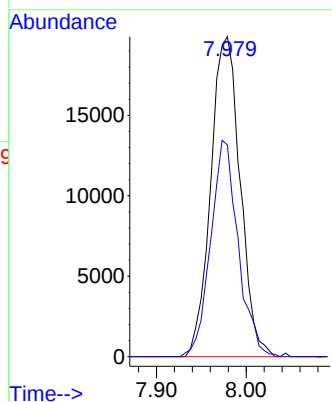
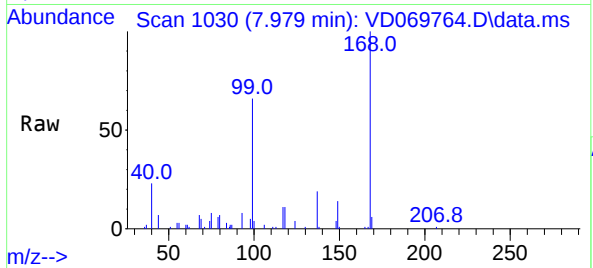




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069764.D
Acq: 20 Jul 2021 12:30

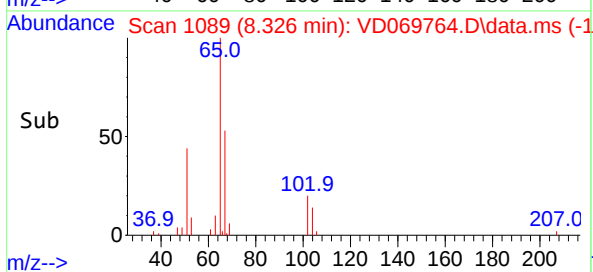
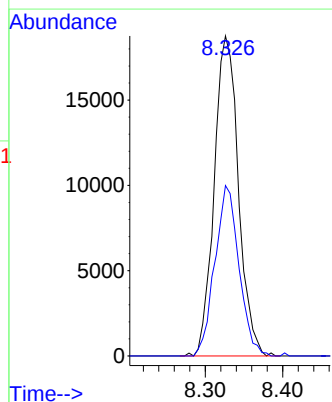
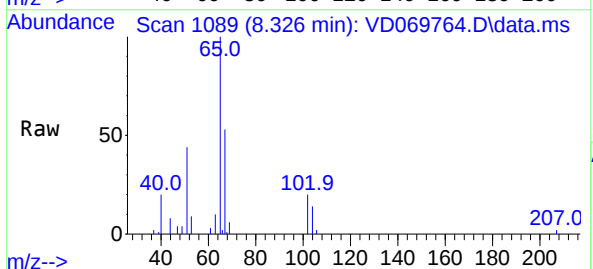
Instrument :
MSVOA_D
ClientSampleId :
SB-05-11.5-12.0

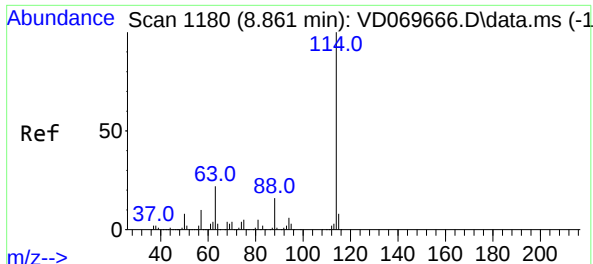
Tgt Ion:168 Resp: 45286
Ion Ratio Lower Upper
168 100
99 66.2 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 71.930 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069764.D
Acq: 20 Jul 2021 12:30

Tgt Ion: 65 Resp: 40673
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.2



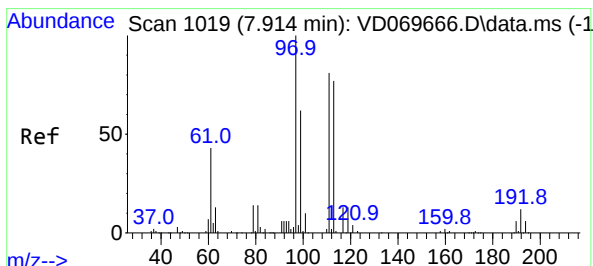
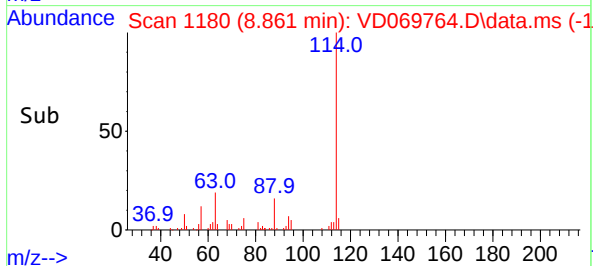
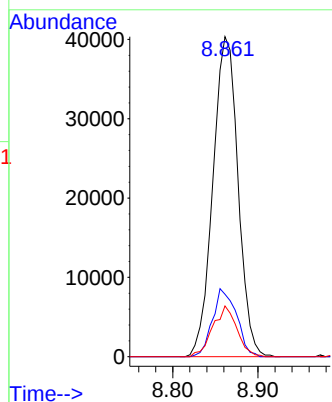
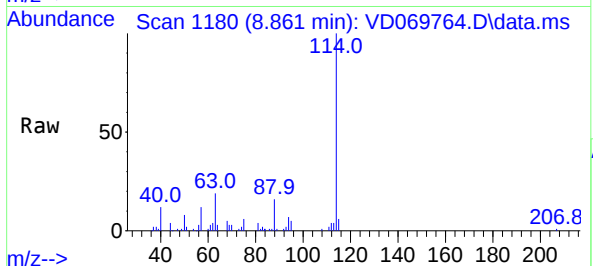


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069764.D
Acq: 20 Jul 2021 12:30

Instrument :
MSVOA_D
ClientSampleId :
SB-05-11.5-12.0

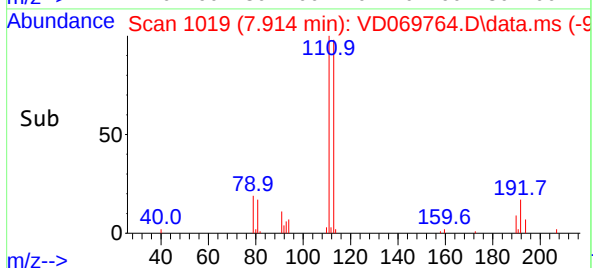
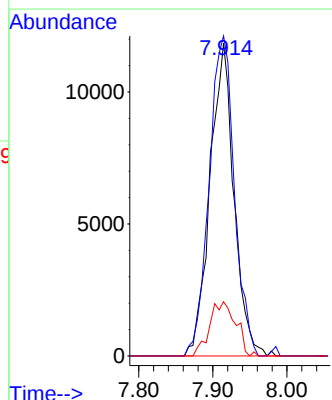
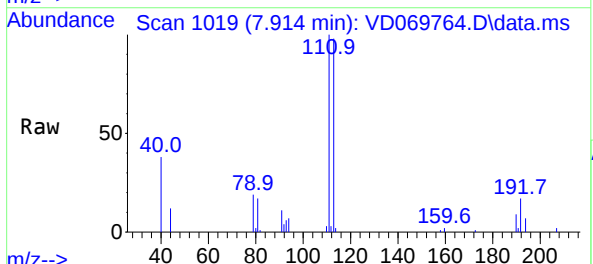
Tgt Ion:	114	Resp:	82711
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	43.4
88	15.8	0.0	32.0

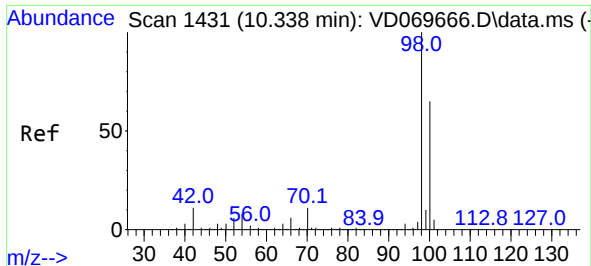


#35

Dibromofluoromethane
Concen: 48.148 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069764.D
Acq: 20 Jul 2021 12:30

Tgt Ion:	113	Resp:	26717
Ion	Ratio	Lower	Upper
113	100		
111	106.7	82.6	123.8
192	19.0	12.7	19.1

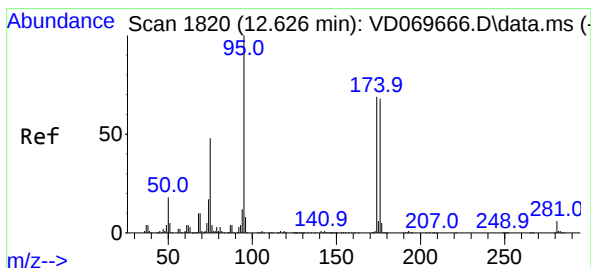
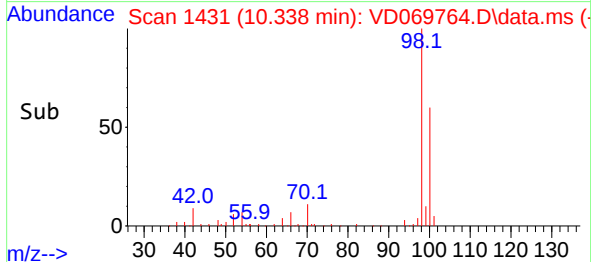
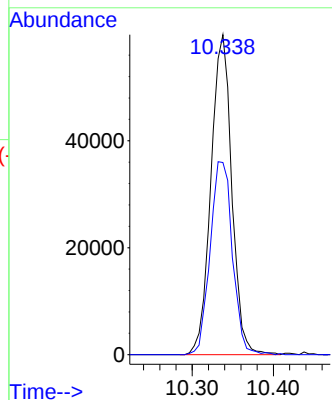
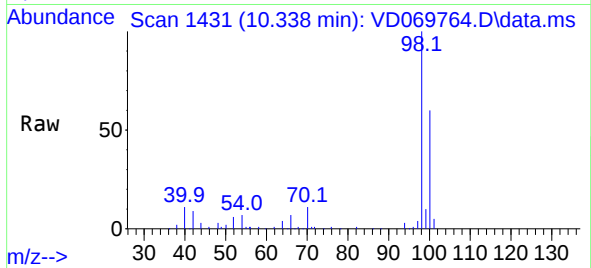




#50
Toluene-d8
Concen: 49.455 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069764.D
Acq: 20 Jul 2021 12:30

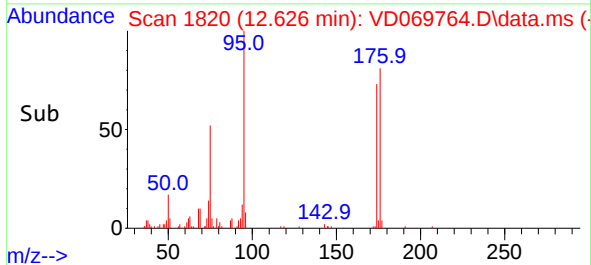
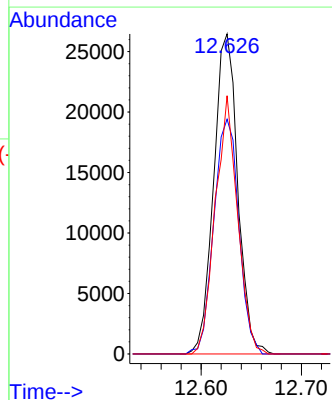
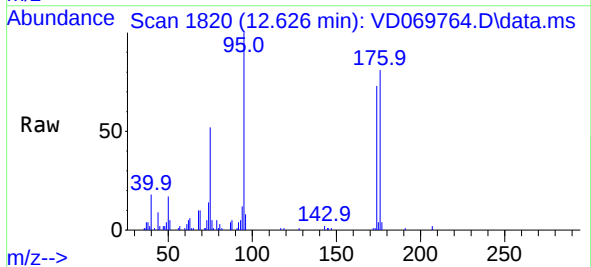
Instrument :
MSVOA_D
ClientSampleId :
SB-05-11.5-12.0

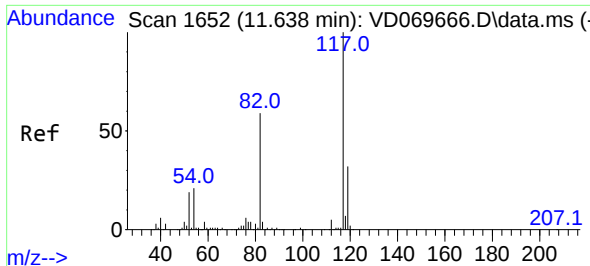
Tgt Ion: 98 Resp: 106612
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 61.220 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069764.D
Acq: 20 Jul 2021 12:30

Tgt Ion: 95 Resp: 44015
Ion Ratio Lower Upper
95 100
174 75.9 0.0 140.0
176 75.0 0.0 136.2



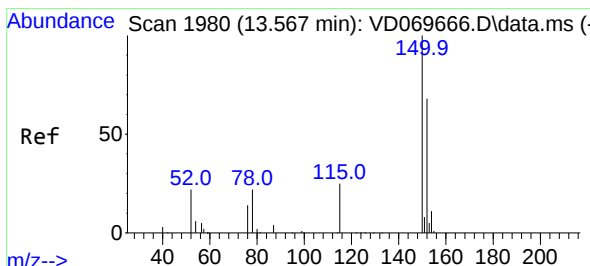
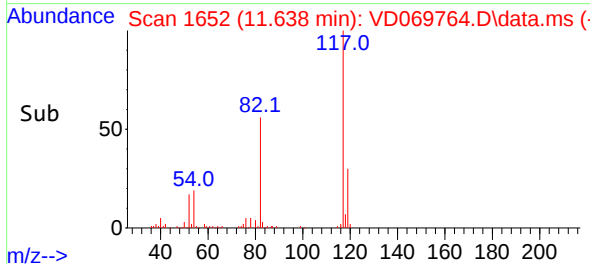
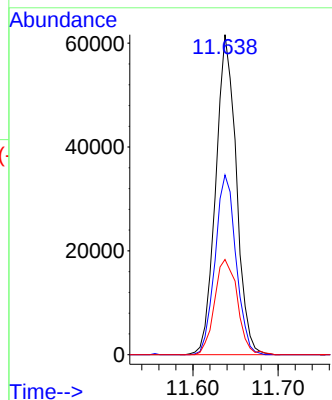
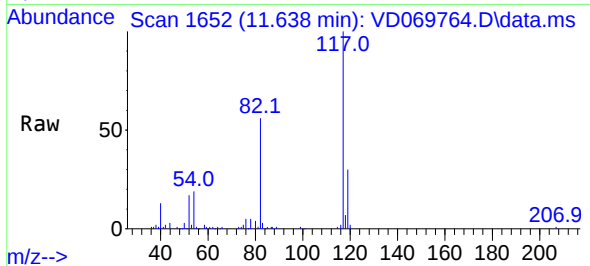


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069764.D
Acq: 20 Jul 2021 12:30

Instrument :
MSVOA_D
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Tgt Ion:117 Resp: 103602

Ion	Ratio	Lower	Upper
117	100		
82	56.2	47.4	71.2
119	29.8	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069764.D
Acq: 20 Jul 2021 12:30

Tgt Ion:152 Resp: 49773

Ion	Ratio	Lower	Upper
152	100		
115	58.8	31.7	95.1
150	156.0	0.0	350.4

