

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070624.D
 Acq On : 07 Oct 2021 18:38
 Operator : VA/SY
 Sample : M4117-07
 Misc : 4.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3(1.5-2.0)

Quant Time: Oct 08 04:54:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	63727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	110231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	115902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	48091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	58504	78.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.02%
35) Dibromofluoromethane	7.908	113	48698	66.45	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.90%
50) Toluene-d8	10.332	98	140257	50.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.12%
62) 4-Bromofluorobenzene	12.620	95	46469	49.63	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.26%

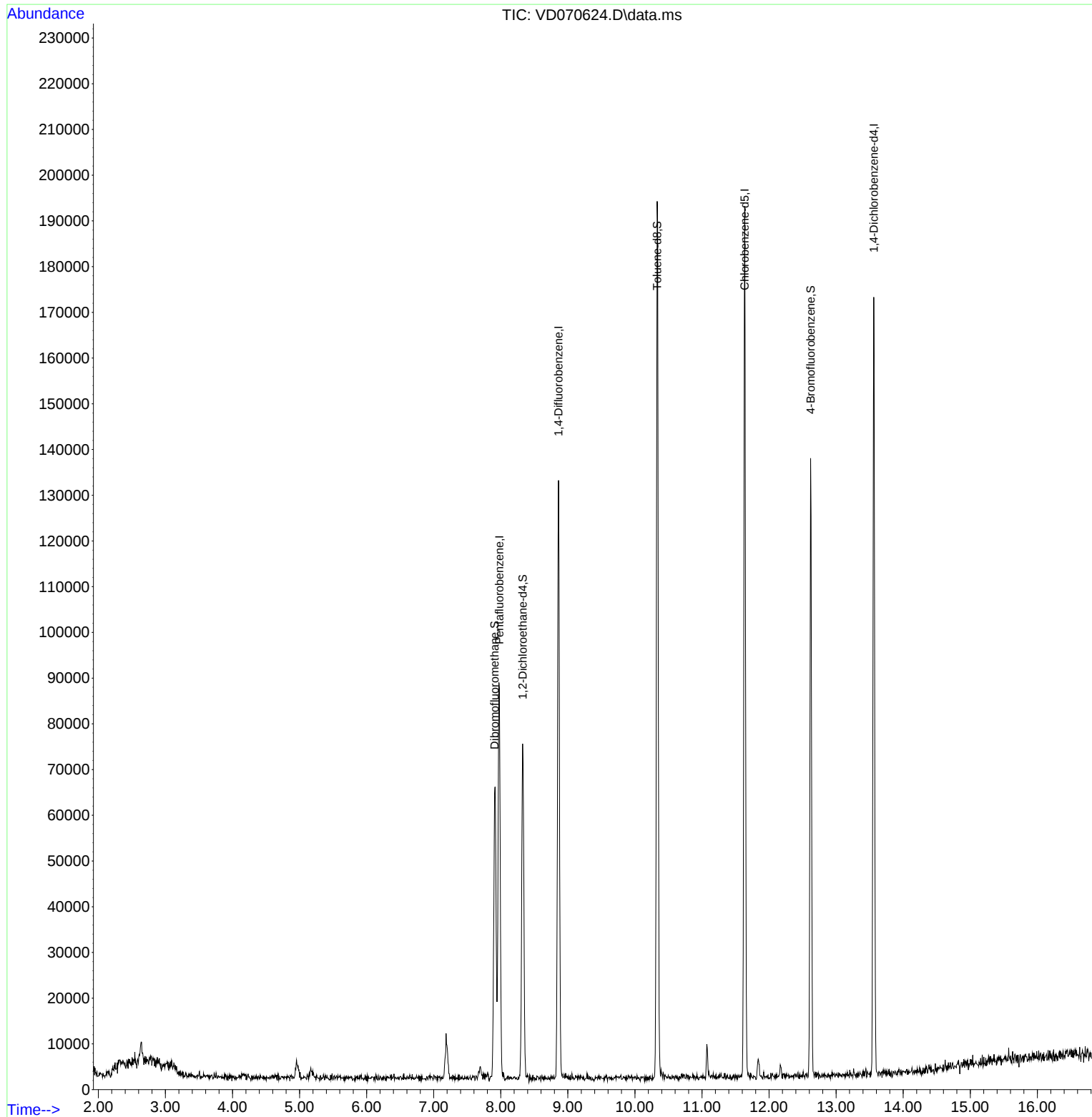
Target Compounds	Qvalue

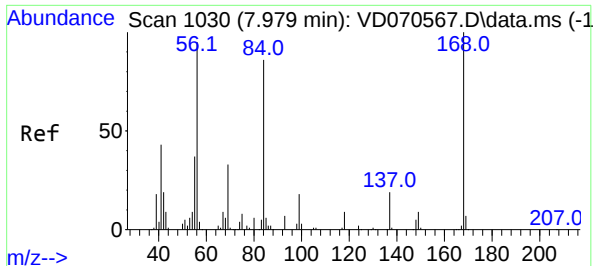
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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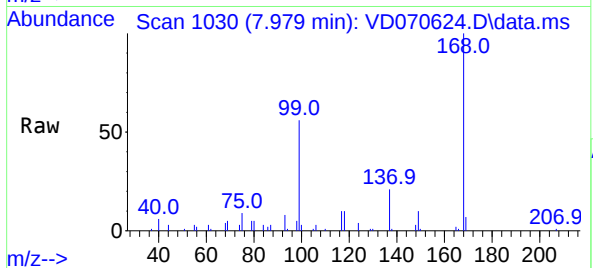
Quant Time: Oct 08 04:54:37 2021
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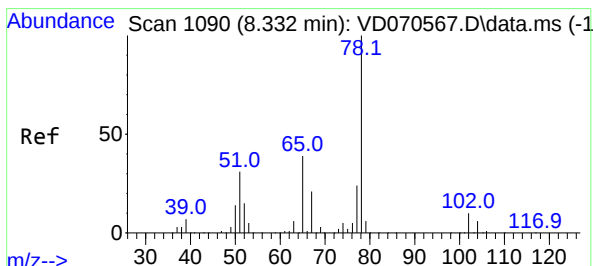
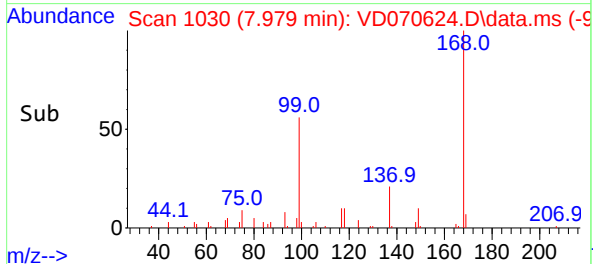
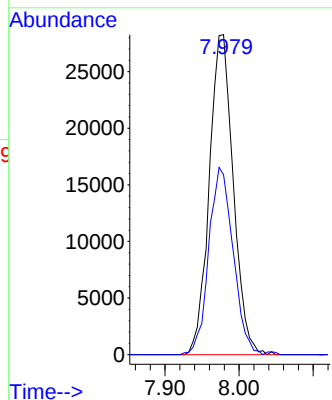


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

Instrument :
MSVOA_D
ClientSampleId :
SB-3(1.5-2.0)

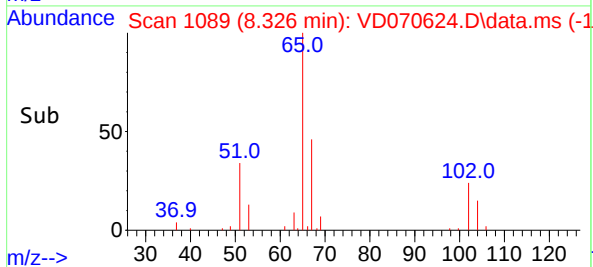
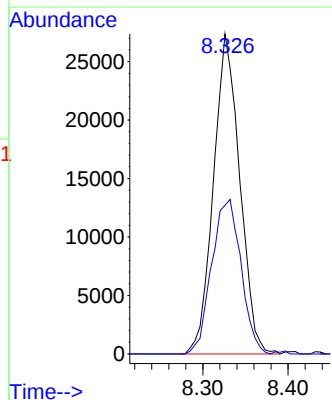
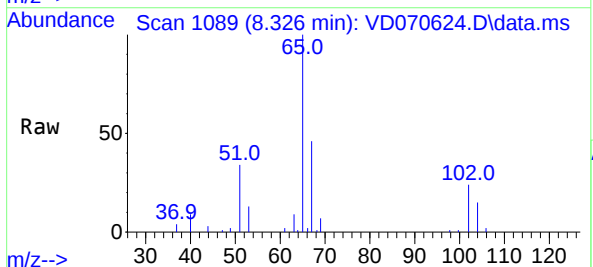


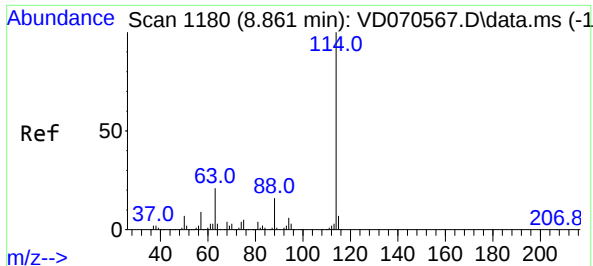
Tgt Ion:168 Resp: 63727
Ion Ratio Lower Upper
168 100
99 56.3 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 78.01 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

Tgt Ion: 65 Resp: 58504
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2





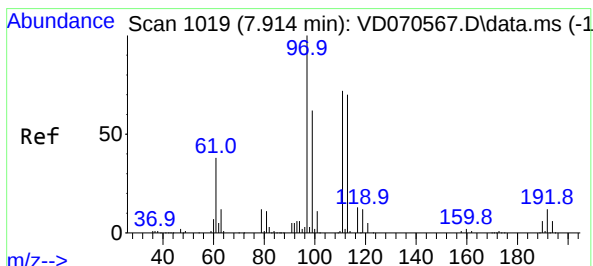
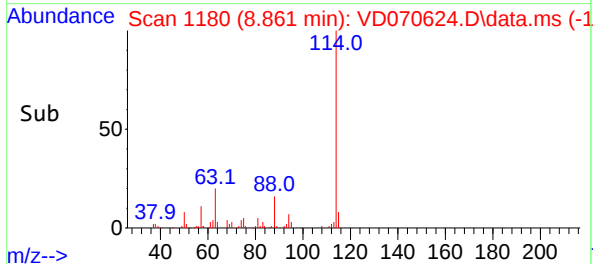
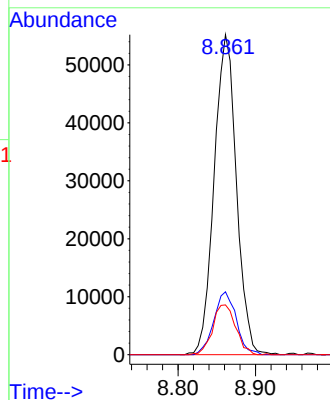
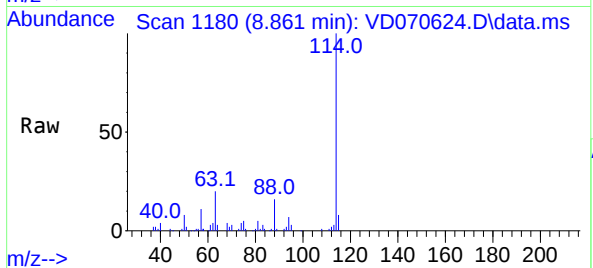
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

Instrument :
MSVOA_D
ClientSampleId :
SB-3(1.5-2.0)

Tgt Ion:114 Resp: 110231

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.8
88	15.6	0.0	32.6

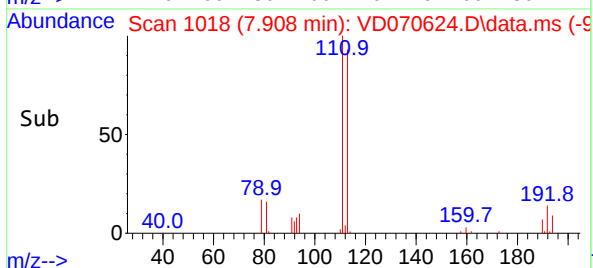
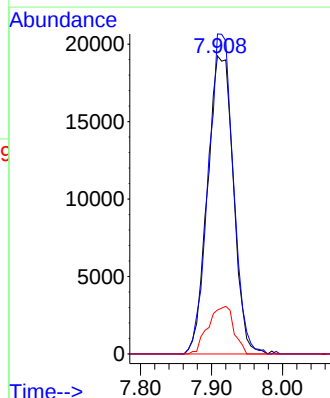
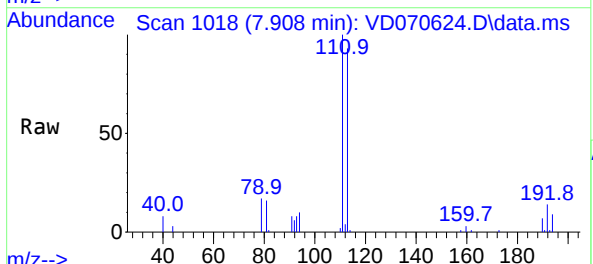


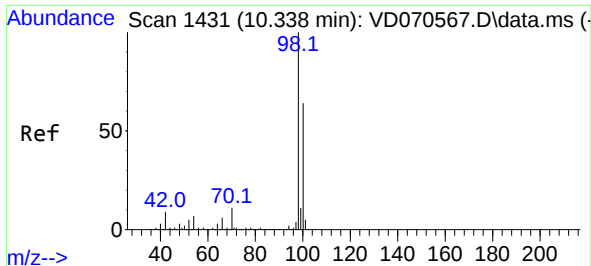
#35

Dibromofluoromethane
Concen: 66.45 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

Tgt Ion:113 Resp: 48698

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.1	124.7
192	15.8	12.7	19.1

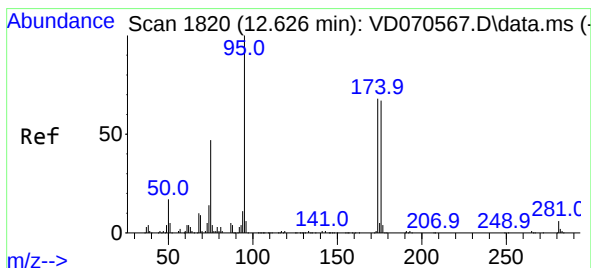
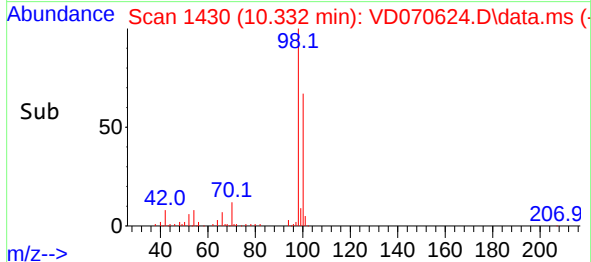
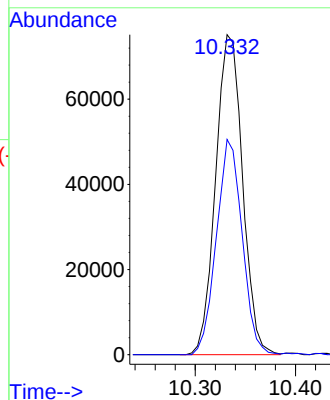
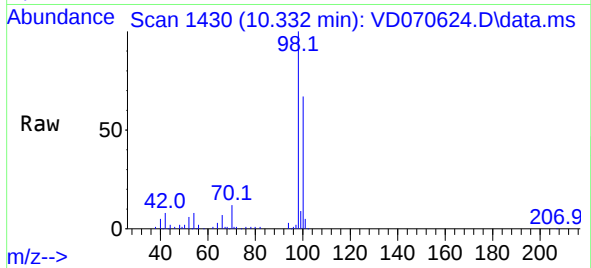




#50
Toluene-d8
Concen: 50.06 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

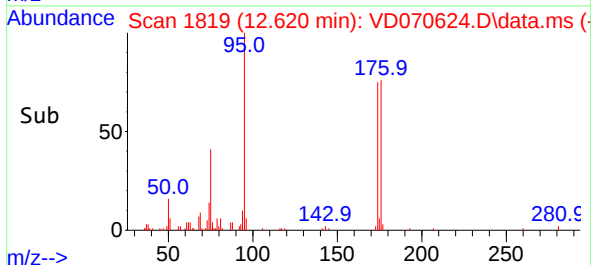
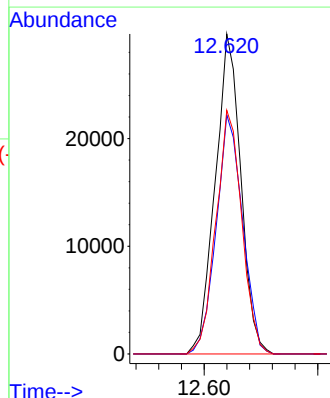
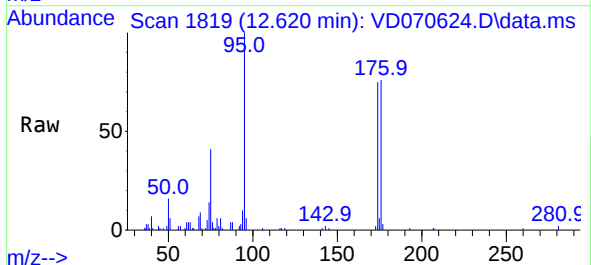
Instrument :
MSVOA_D
ClientSampleId :
SB-3(1.5-2.0)

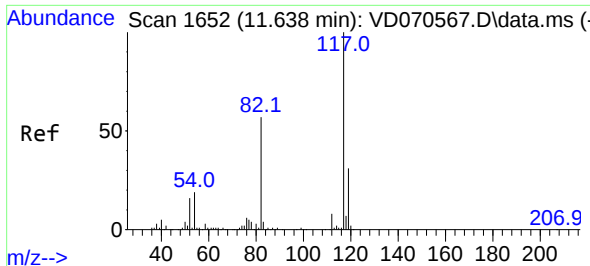
Tgt Ion: 98 Resp: 140257
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.63 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

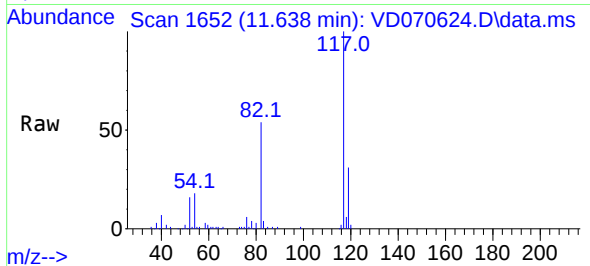
Tgt Ion: 95 Resp: 46469
Ion Ratio Lower Upper
95 100
174 77.1 0.0 138.0
176 76.9 0.0 135.6



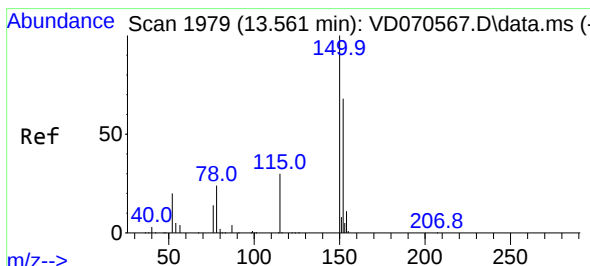
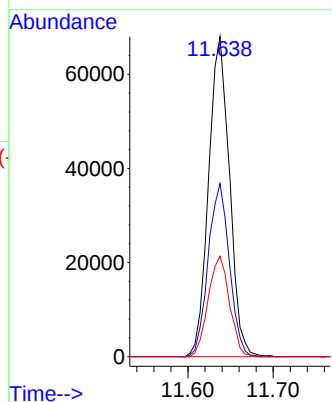
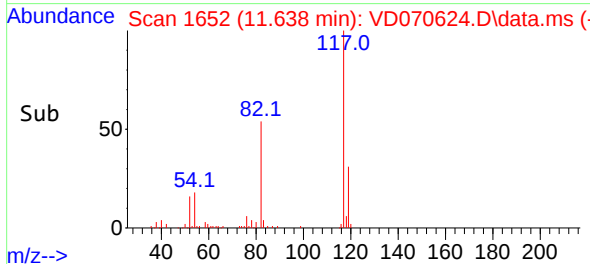


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

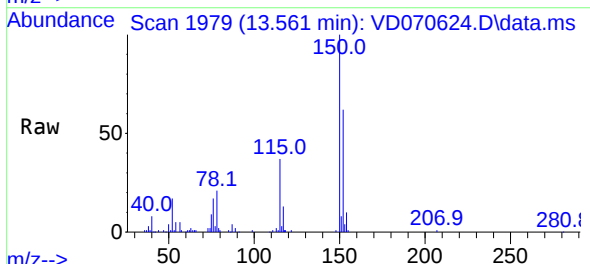
Instrument :
MSVOA_D
ClientSampleId :
SB-3(1.5-2.0)



Tgt Ion:117 Resp: 115902
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.2
119 31.4 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38



Tgt Ion:152 Resp: 48091
Ion Ratio Lower Upper
152 100
115 58.4 31.9 95.7
150 162.0 0.0 350.0

