

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070635.D
 Acq On : 08 Oct 2021 13:28
 Operator : VA/SY
 Sample : M4134-01
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-01

Quant Time: Oct 11 02:22:29 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	7.973	168	385834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	722454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	652218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	238865	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	214305	47.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.400%
35) Dibromofluoromethane	7.914	113	237017	49.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.680%
50) Toluene-d8	10.337	98	918756	50.035	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.060%
62) 4-Bromofluorobenzene	12.626	95	255332	41.604	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.200%

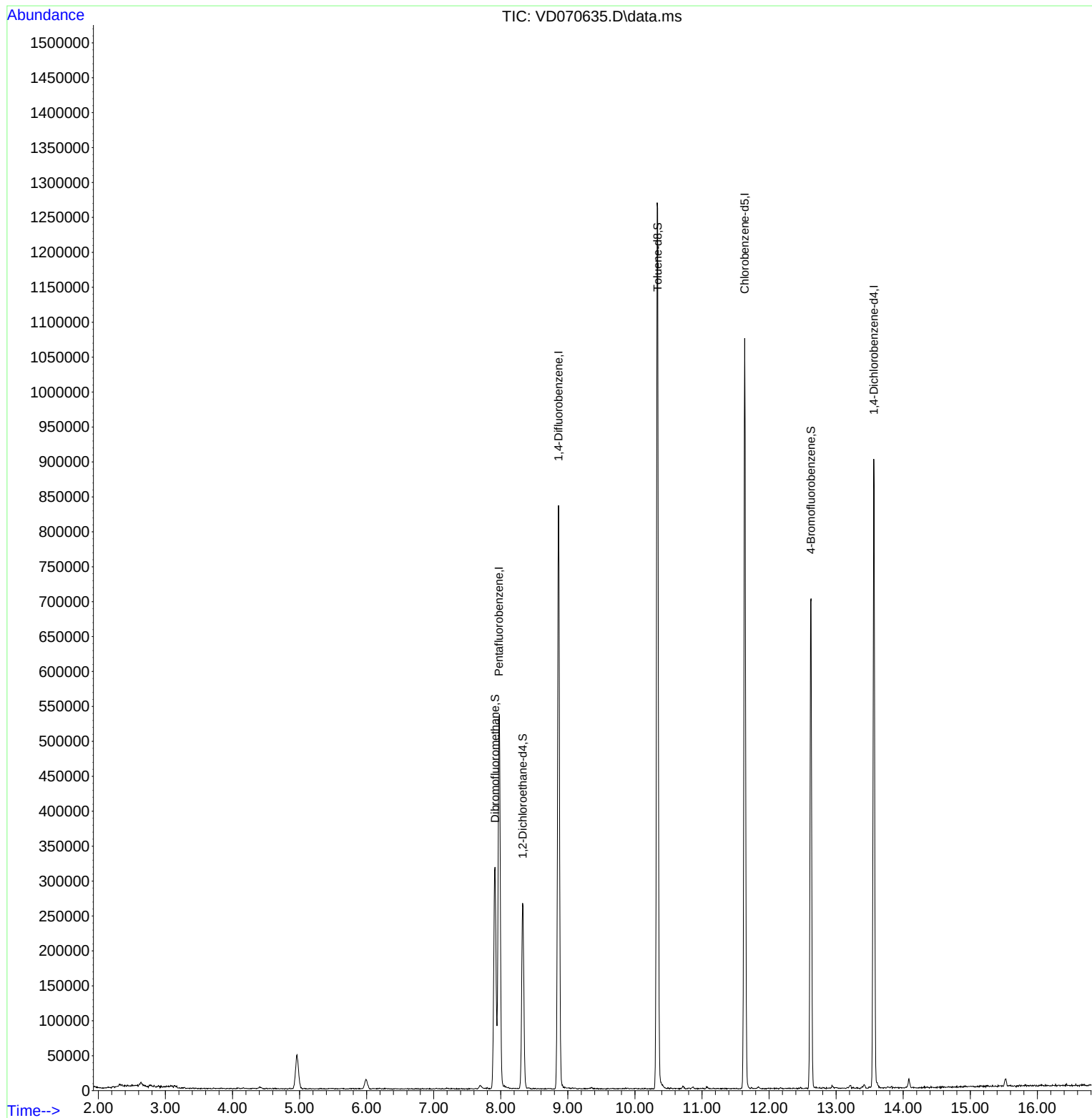
Target Compounds	Qvalue

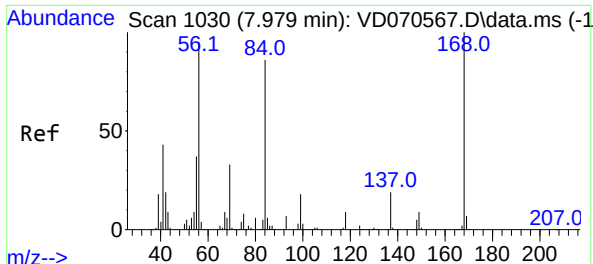
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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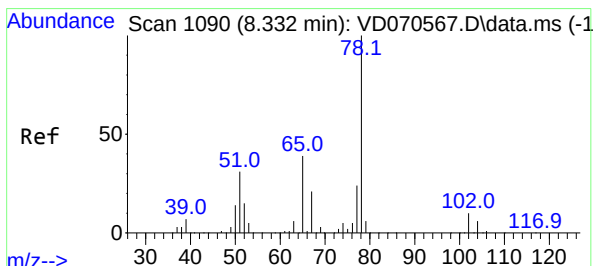
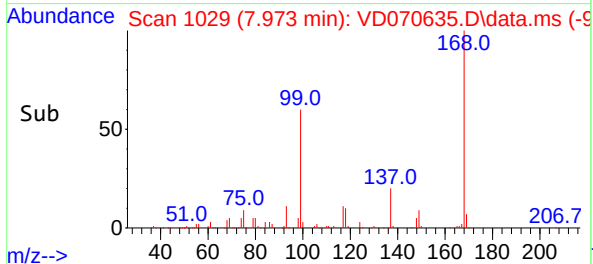
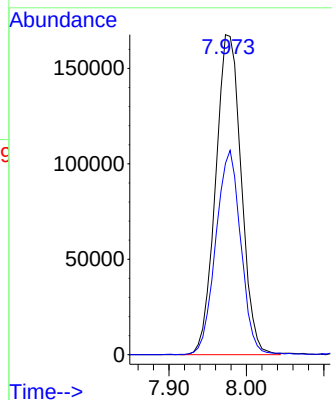
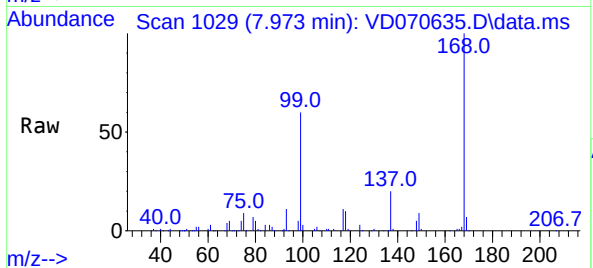




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070635.D
Acq: 08 Oct 2021 13:28

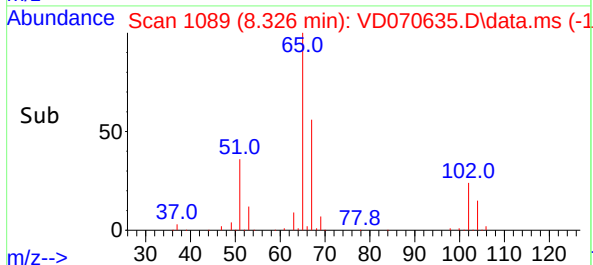
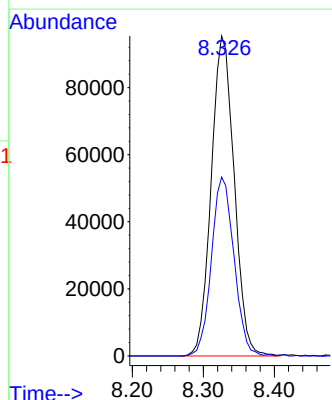
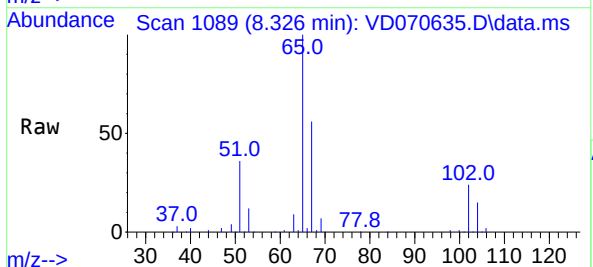
Instrument :
MSVOA_D
ClientSampleId :
SP-01

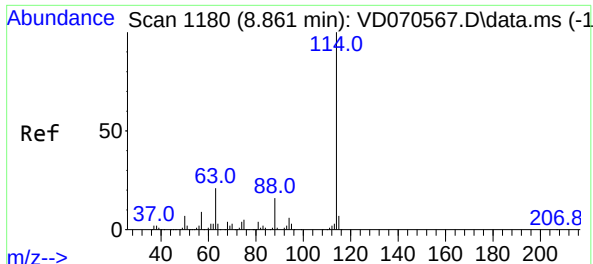
Tgt Ion:168 Resp: 385834
Ion Ratio Lower Upper
168 100
99 59.7 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 47.196 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070635.D
Acq: 08 Oct 2021 13:28

Tgt Ion: 65 Resp: 214305
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.2



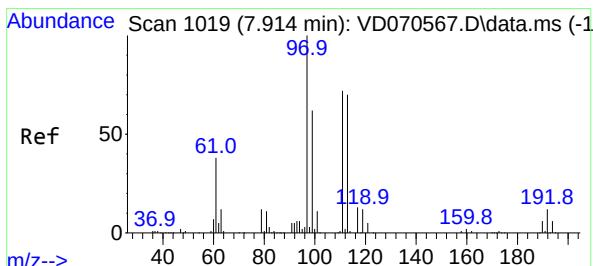
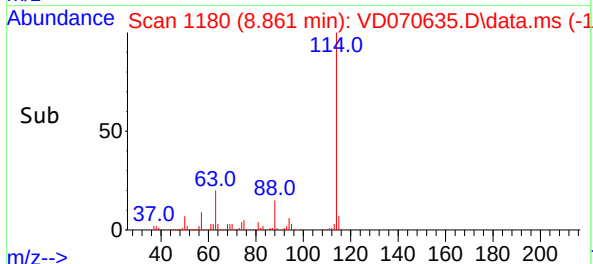
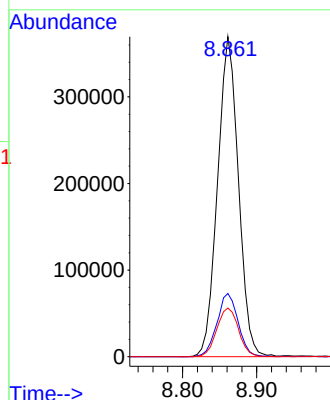
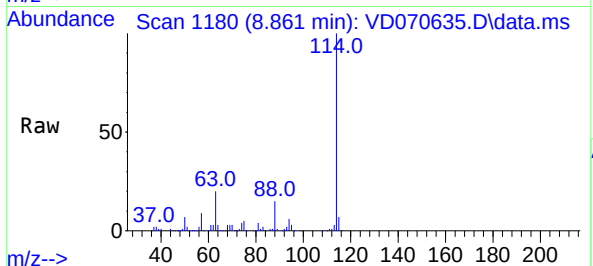


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070635.D
Acq: 08 Oct 2021 13:28

Instrument :
MSVOA_D
ClientSampled :
SP-01

Tgt Ion:114 Resp: 722454

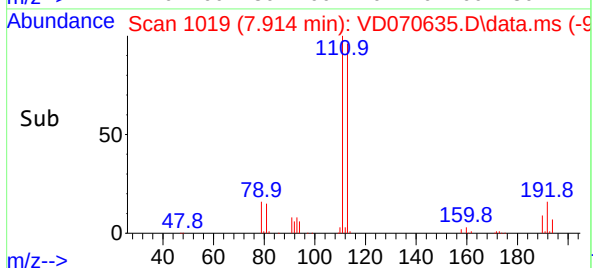
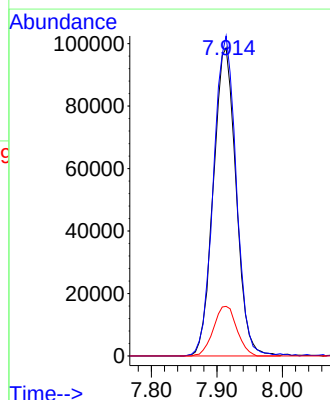
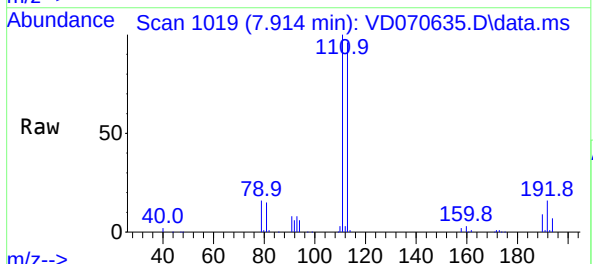
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.8
88	15.2	0.0	32.6

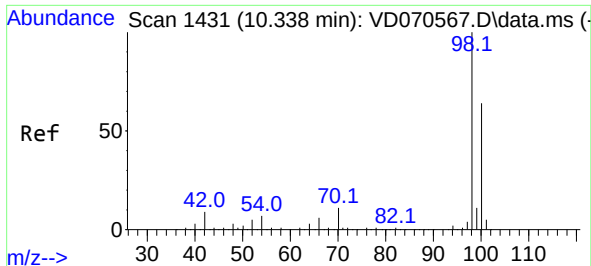


#35
Dibromofluoromethane
Concen: 49.345 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070635.D
Acq: 08 Oct 2021 13:28

Tgt Ion:113 Resp: 237017

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.1	124.7
192	16.6	12.7	19.1

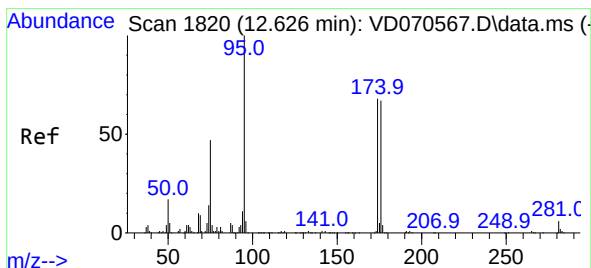
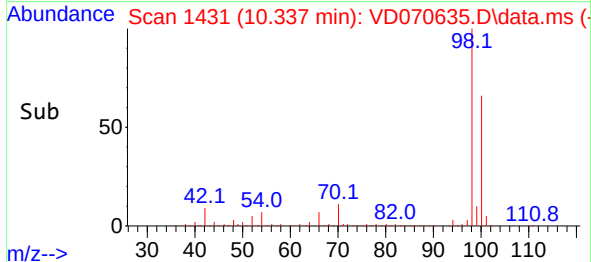
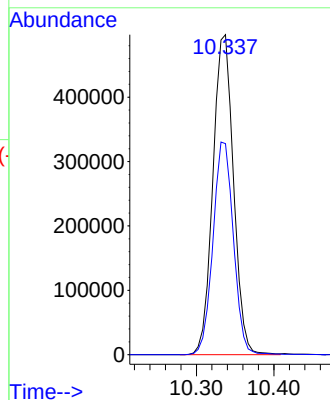
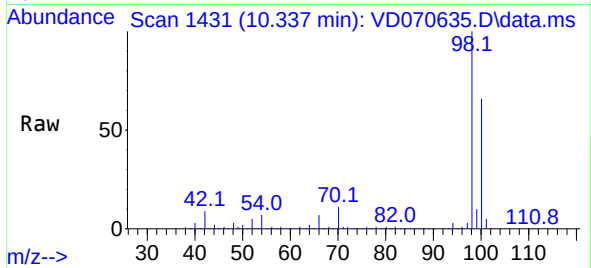




#50
Toluene-d8
Concen: 50.035 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070635.D
Acq: 08 Oct 2021 13:28

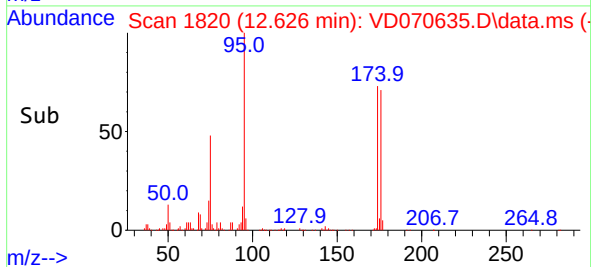
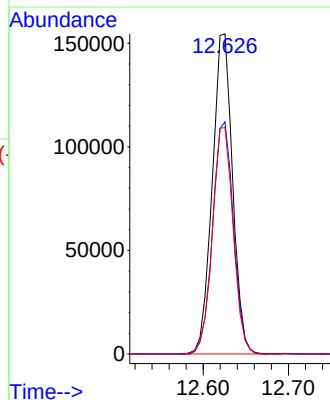
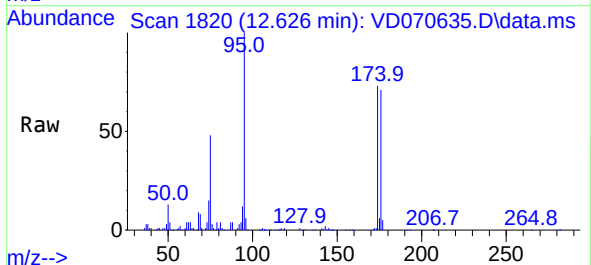
Instrument :
MSVOA_D
ClientSampleId :
SP-01

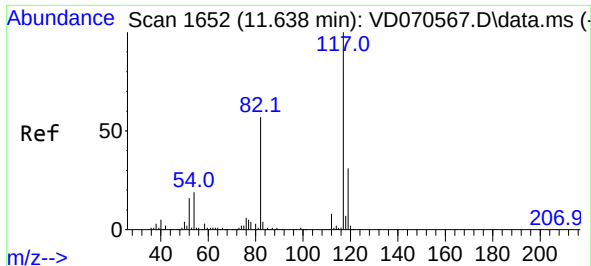
Tgt Ion: 98 Resp: 918756
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 41.604 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070635.D
Acq: 08 Oct 2021 13:28

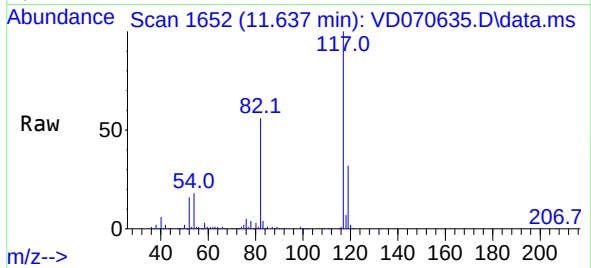
Tgt Ion: 95 Resp: 255332
Ion Ratio Lower Upper
95 100
174 74.4 0.0 138.0
176 72.4 0.0 135.6



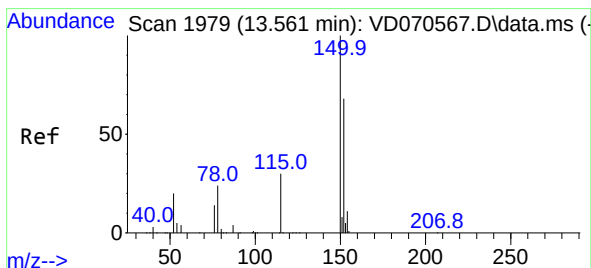
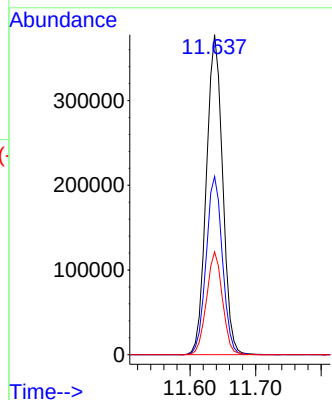
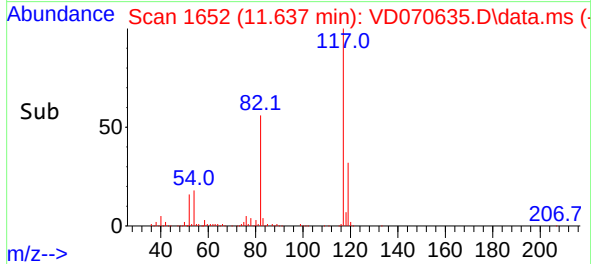


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070635.D
Acq: 08 Oct 2021 13:28

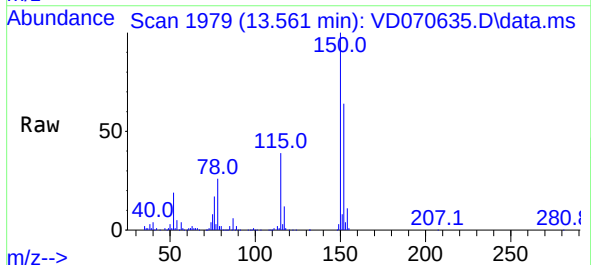
Instrument :
MSVOA_D
ClientSampled :
SP-01



Tgt Ion:117 Resp: 652218
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.2
119 32.2 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070635.D
Acq: 08 Oct 2021 13:28



Tgt Ion:152 Resp: 238865
Ion Ratio Lower Upper
152 100
115 62.6 31.9 95.7
150 157.4 0.0 350.0

