

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070632.D
 Acq On : 08 Oct 2021 12:02
 Operator : VA/SY
 Sample : M4061-02
 Misc : 5.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2

Quant Time: Oct 11 02:21:37 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	417803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	791380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	725878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	299987	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249704	50.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.560%
35) Dibromofluoromethane	7.909	113	260263	49.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.940%
50) Toluene-d8	10.338	98	988625	49.151	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.626	95	303952	45.213	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.420%

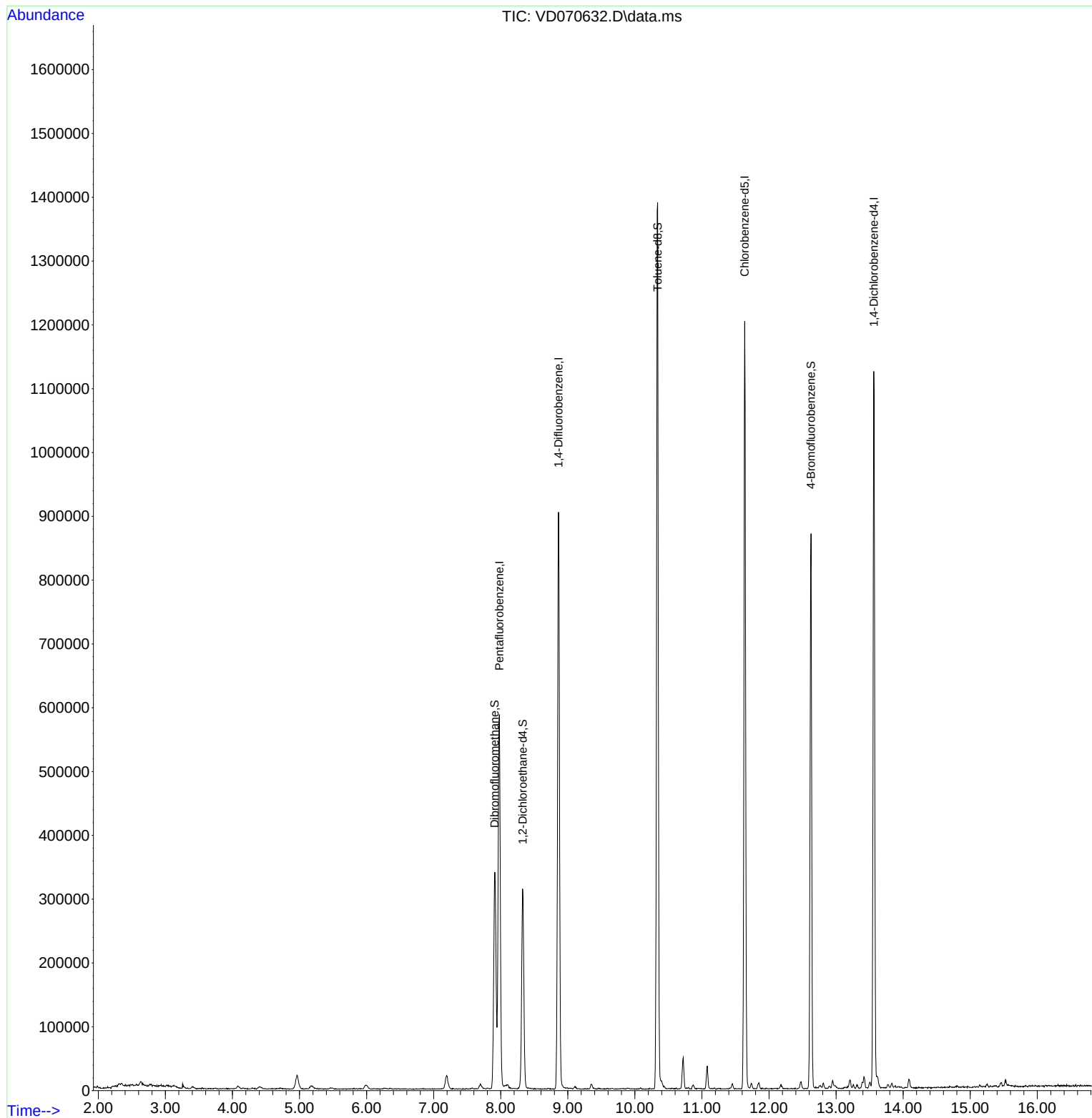
Target Compounds	Qvalue

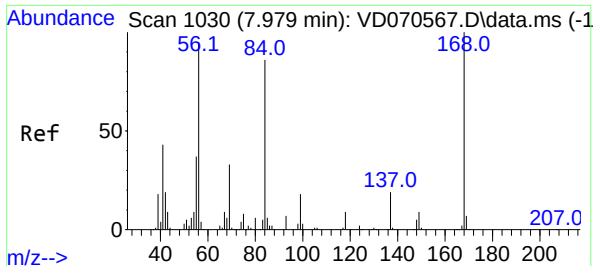
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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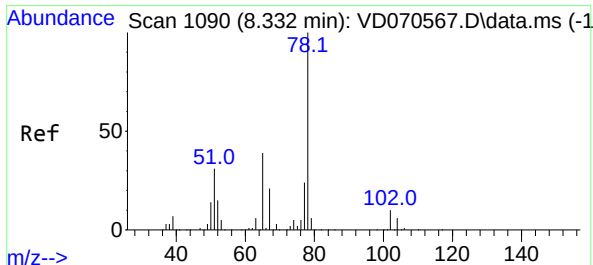
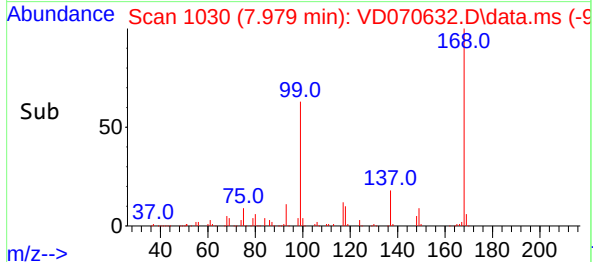
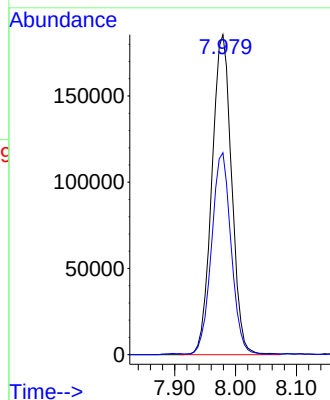
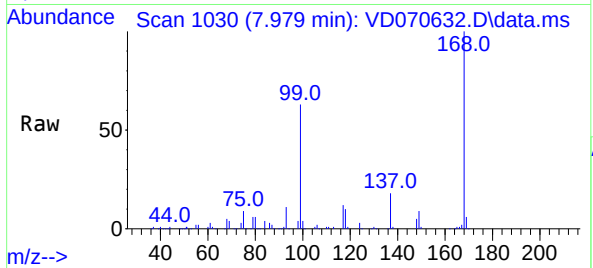




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

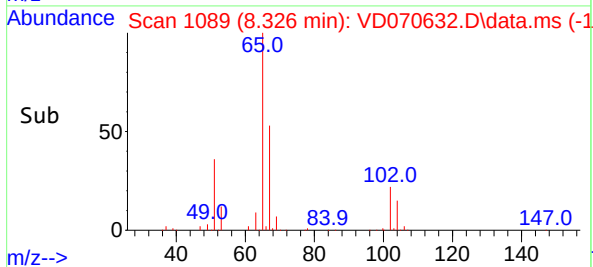
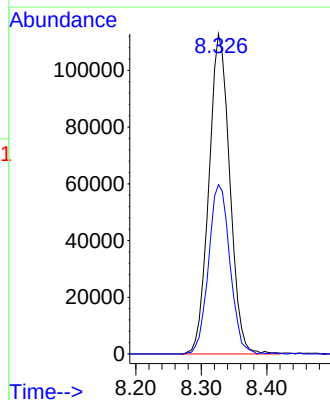
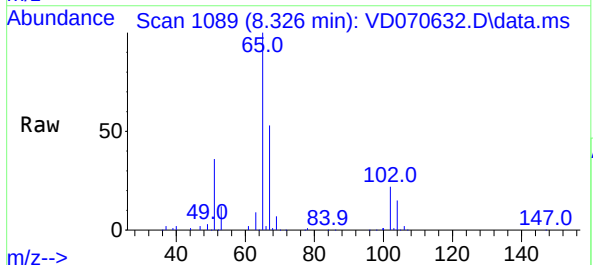
Instrument :
MSVOA_D
ClientSampled :
S-2

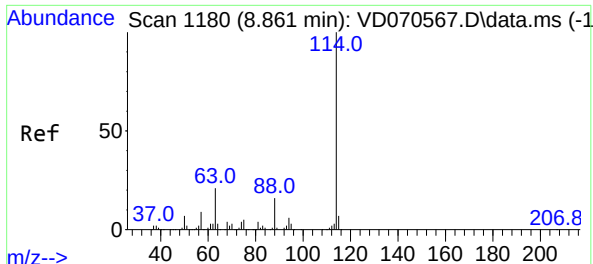
Tgt Ion:168 Resp: 417803
Ion Ratio Lower Upper
168 100
99 62.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 50.784 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

Tgt Ion: 65 Resp: 249704
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.2





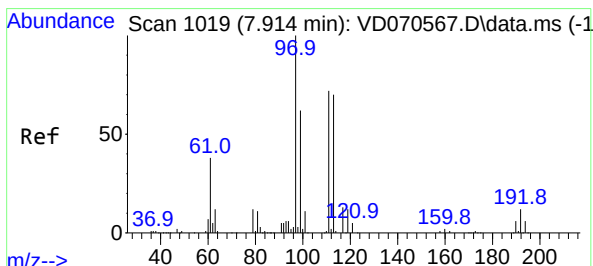
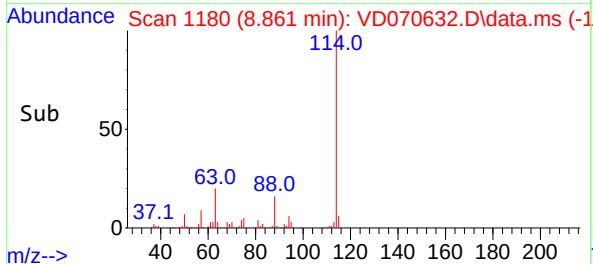
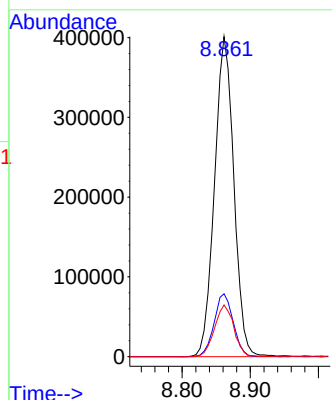
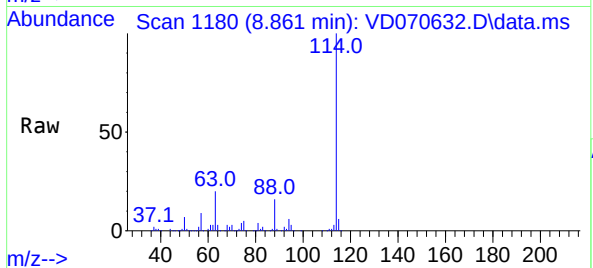
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

Instrument :
MSVOA_D
ClientSampleId :
S-2

Tgt Ion:114 Resp: 791380

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.8
88	16.2	0.0	32.6

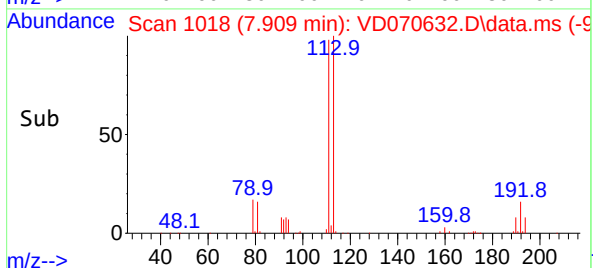
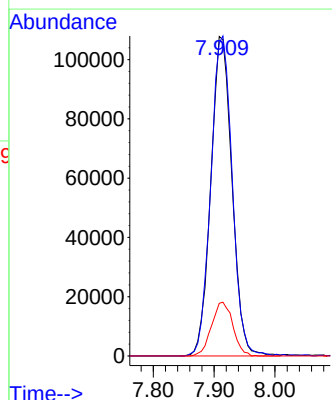
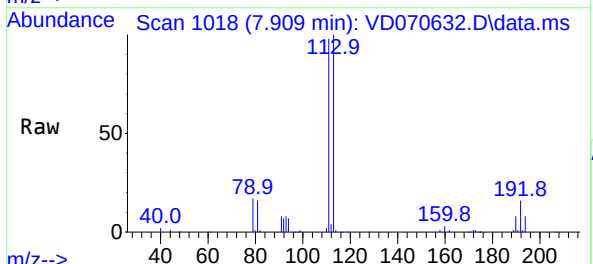


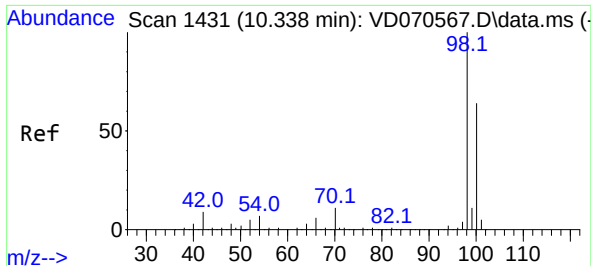
#35

Dibromofluoromethane
Concen: 49.465 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

Tgt Ion:113 Resp: 260263

Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.1	124.7
192	16.9	12.7	19.1

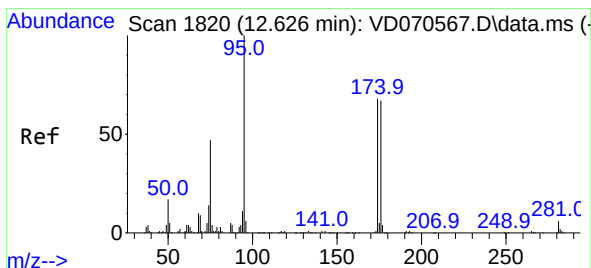
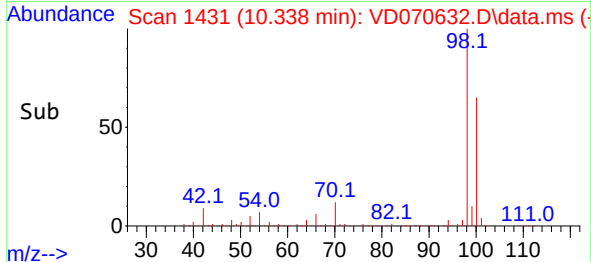
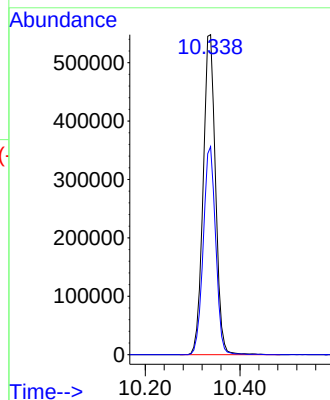
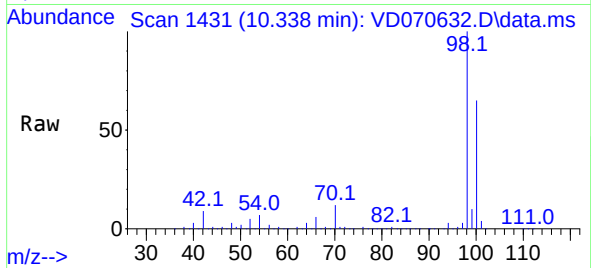




#50
Toluene-d8
Concen: 49.151 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

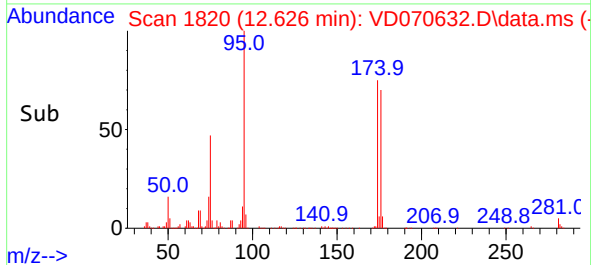
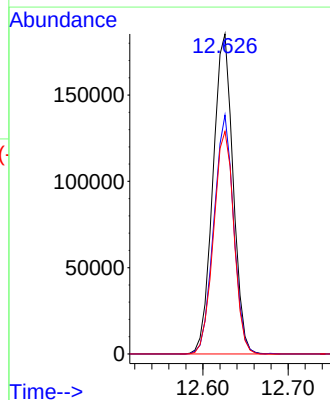
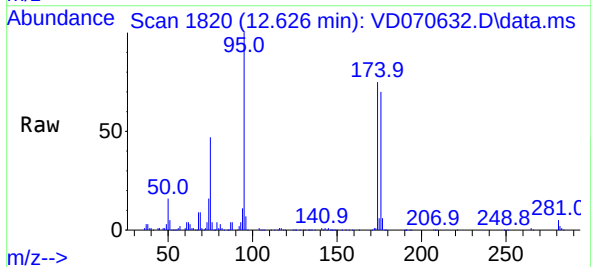
Instrument :
MSVOA_D
ClientSampled :
S-2

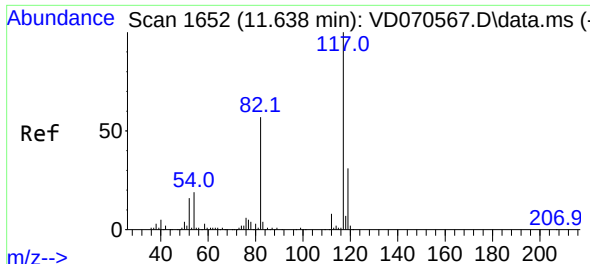
Tgt Ion: 98 Resp: 988625
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.213 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

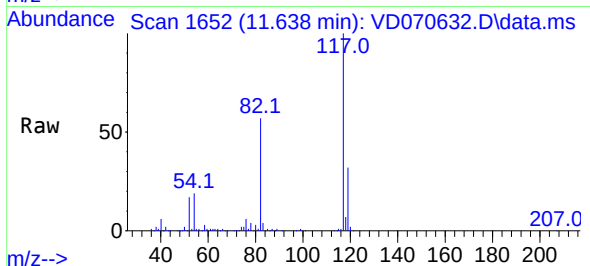
Tgt Ion: 95 Resp: 303952
Ion Ratio Lower Upper
95 100
174 73.3 0.0 138.0
176 70.1 0.0 135.6



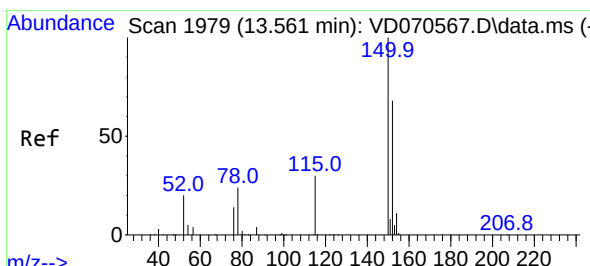
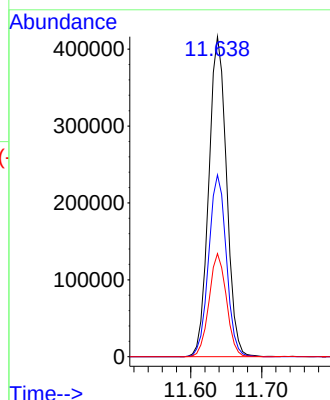
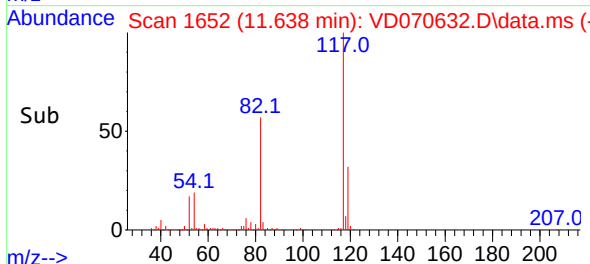


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

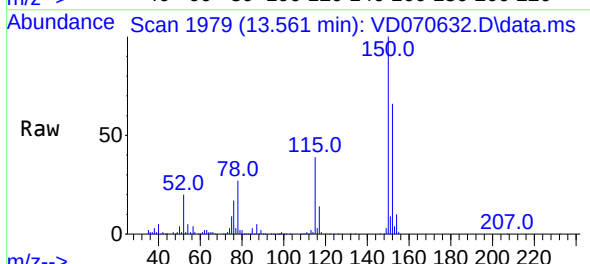
Instrument :
MSVOA_D
ClientSampleId :
S-2



Tgt Ion:117 Resp: 725878
Ion Ratio Lower Upper
117 100
82 56.8 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: VD070632.D
Acq: 08 Oct 2021 12:02



Tgt Ion:152 Resp: 299987
Ion Ratio Lower Upper
152 100
115 62.2 31.9 95.7
150 158.6 0.0 350.0

