

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070633.D
 Acq On : 08 Oct 2021 12:31
 Operator : VA/SY
 Sample : M4061-05
 Misc : 5.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-5

Quant Time: Oct 11 02:21:54 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	316042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	593458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	566863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	236411	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	197599	53.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.260%
35) Dibromofluoromethane	7.914	113	204218	51.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.520%
50) Toluene-d8	10.332	98	760472	50.417	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.626	95	233027	46.223	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.440%

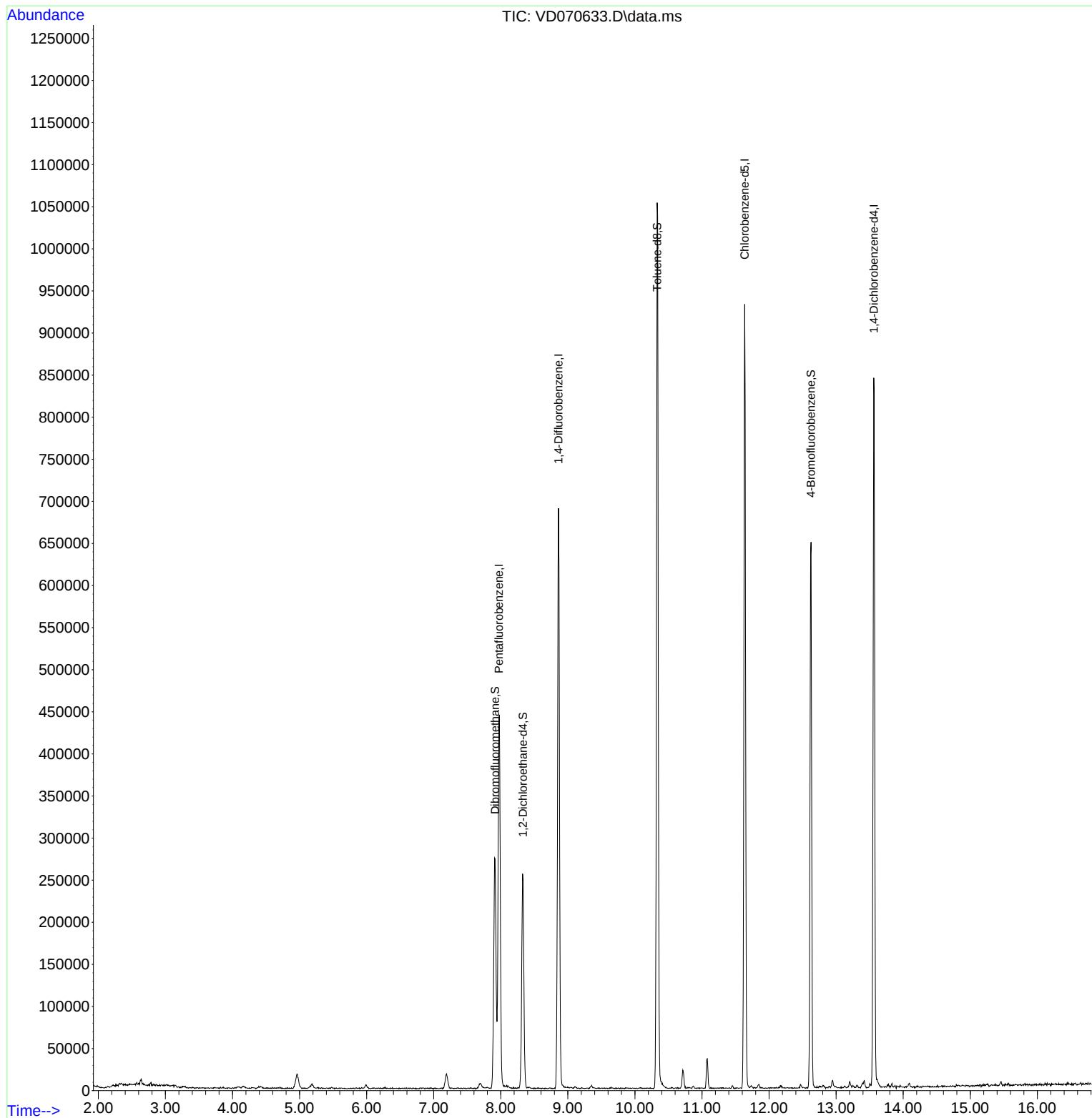
Target Compounds	Qvalue

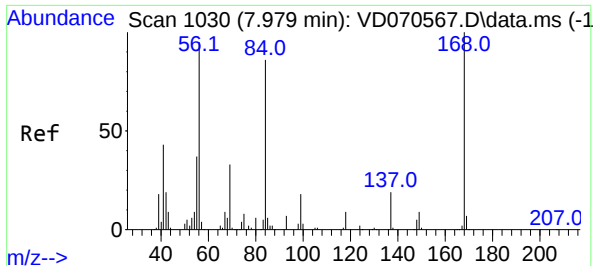
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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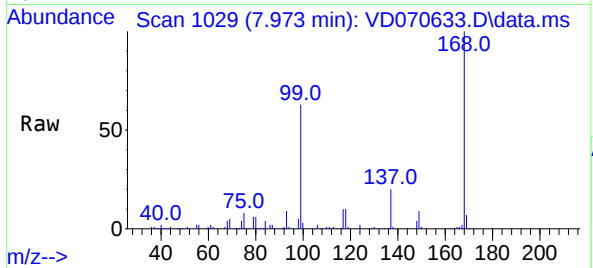
Quant Time: Oct 11 02:21:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
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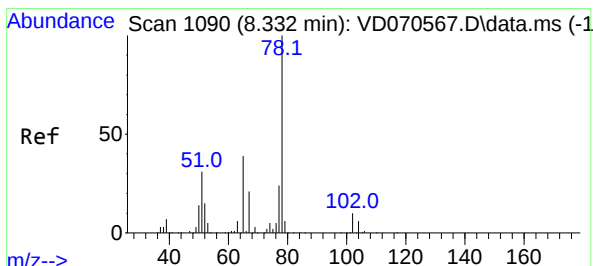
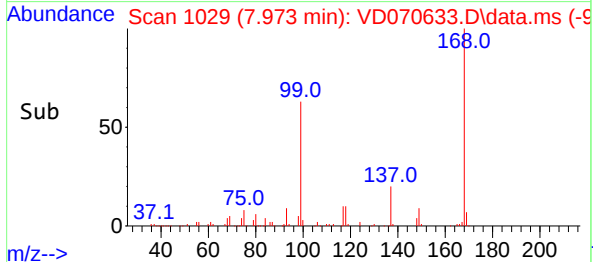
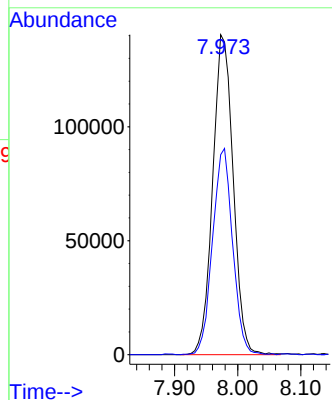


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070633.D
Acq: 08 Oct 2021 12:31

Instrument :
MSVOA_D
ClientSampled :
S-5

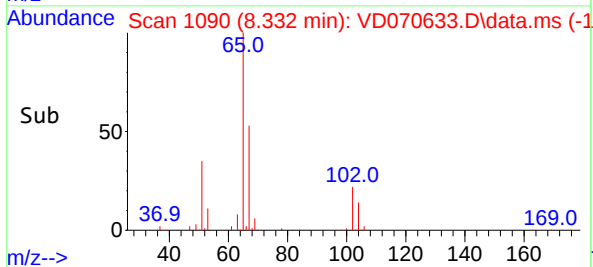
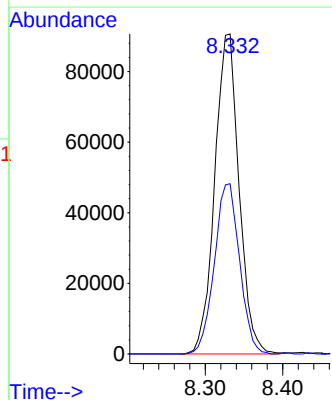
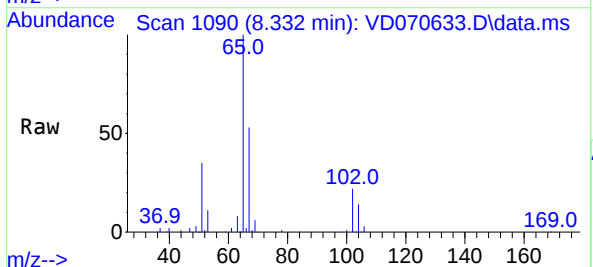


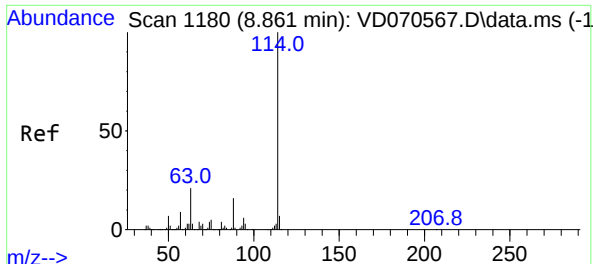
Tgt Ion:168 Resp: 316042
Ion Ratio Lower Upper
168 100
99 62.5 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 53.127 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD070633.D
Acq: 08 Oct 2021 12:31

Tgt Ion: 65 Resp: 197599
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.2

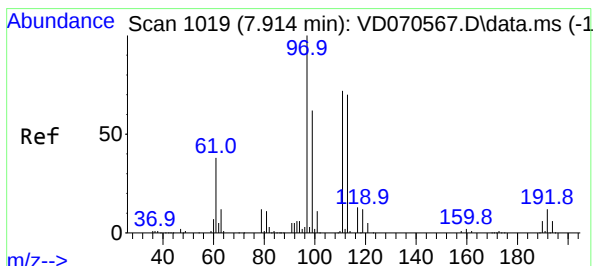
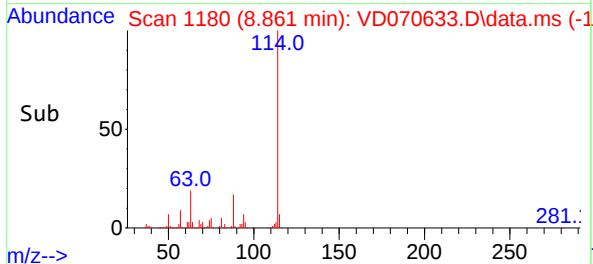
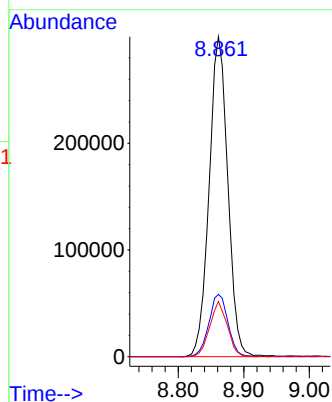
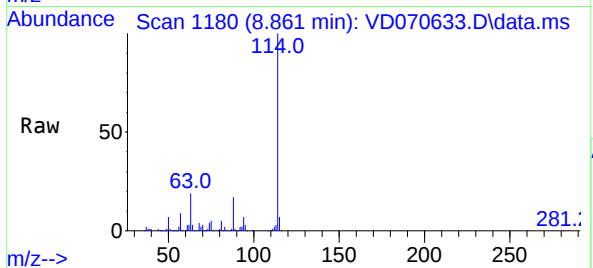




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070633.D
Acq: 08 Oct 2021 12:31

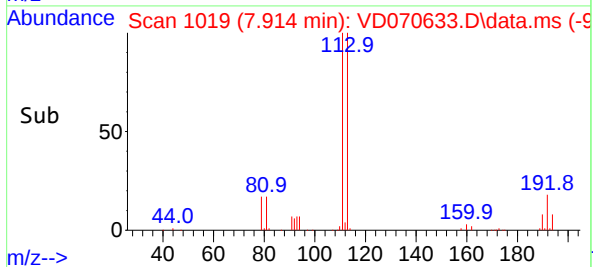
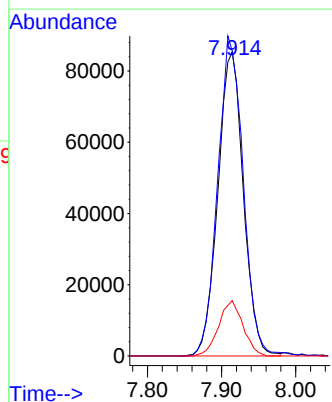
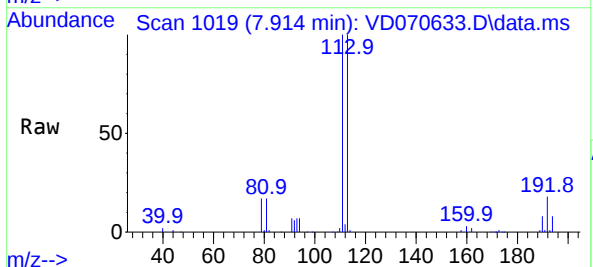
Instrument :
MSVOA_D
ClientSampled :
S-5

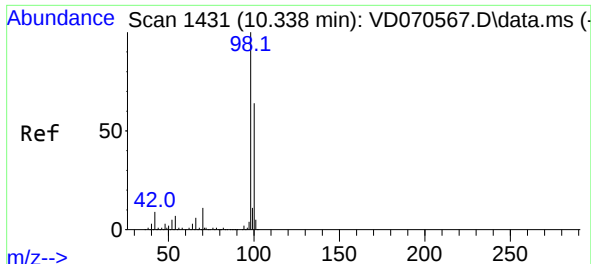
Tgt Ion:114 Resp: 593458
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.8
88 17.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.758 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070633.D
Acq: 08 Oct 2021 12:31

Tgt Ion:113 Resp: 204218
Ion Ratio Lower Upper
113 100
111 105.2 83.1 124.7
192 17.4 12.7 19.1

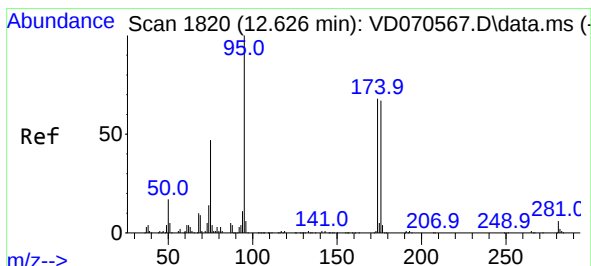
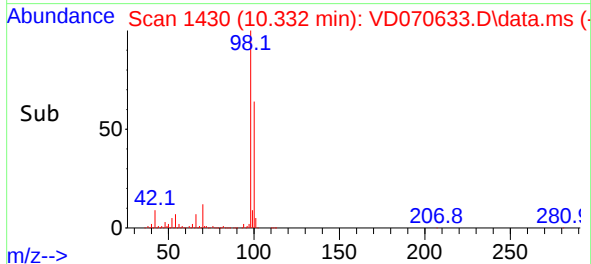
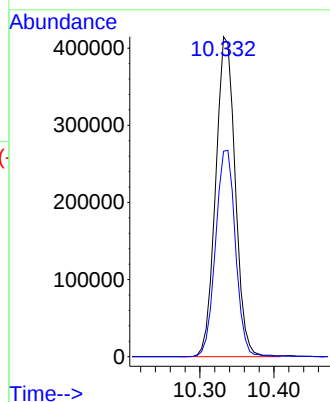
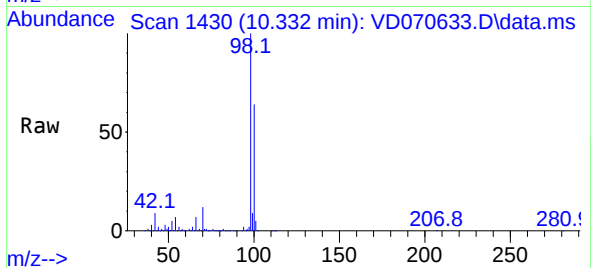




#50
Toluene-d8
Concen: 50.417 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070633.D
Acq: 08 Oct 2021 12:31

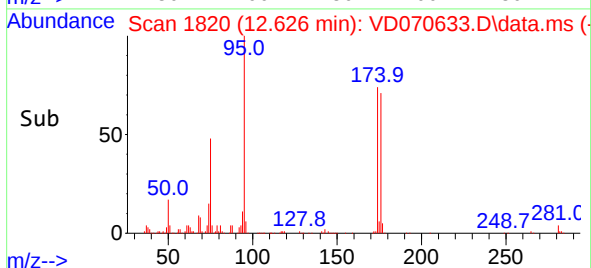
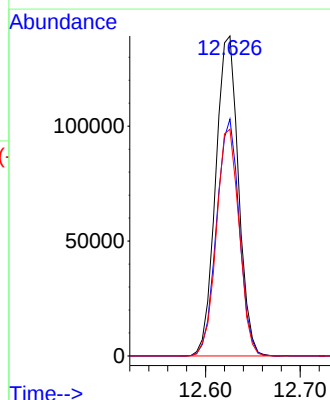
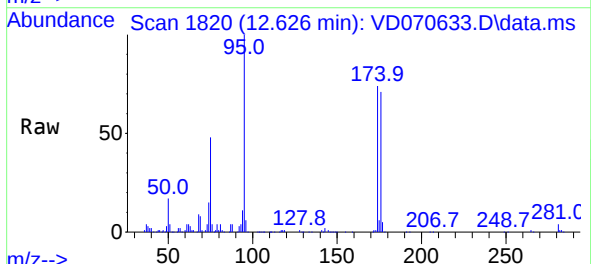
Instrument :
MSVOA_D
ClientSampleId :
S-5

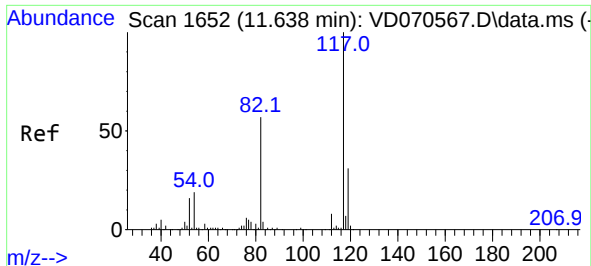
Tgt Ion: 98 Resp: 760472
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.223 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070633.D
Acq: 08 Oct 2021 12:31

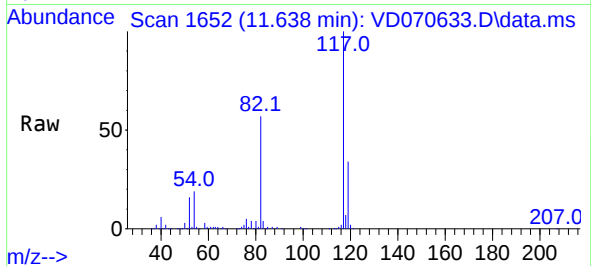
Tgt Ion: 95 Resp: 233027
Ion Ratio Lower Upper
95 100
174 73.6 0.0 138.0
176 70.7 0.0 135.6



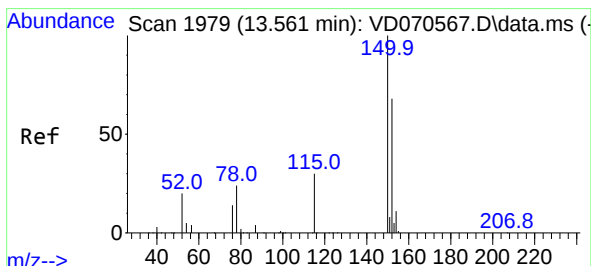
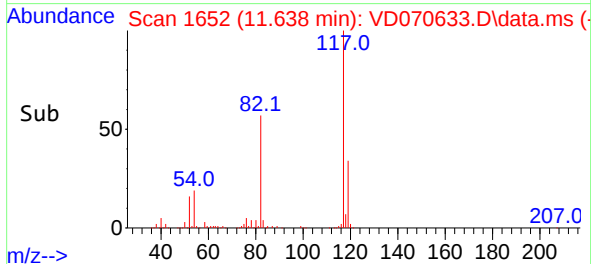
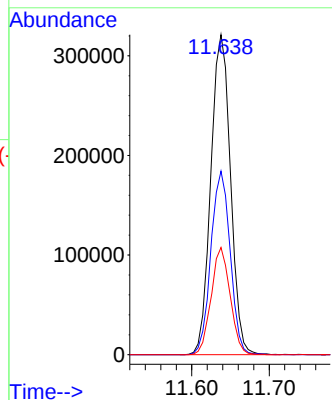


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070633.D
Acq: 08 Oct 2021 12:31

Instrument :
MSVOA_D
ClientSampleId :
S-5



Tgt Ion:117 Resp: 566863
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.2
119 33.5 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: VD070633.D
Acq: 08 Oct 2021 12:31

Tgt Ion:152 Resp: 236411
Ion Ratio Lower Upper
152 100
115 62.5 31.9 95.7
150 155.3 0.0 350.0

