

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070780.D
 Acq On : 20 Oct 2021 17:17
 Operator : VA/SY
 Sample : M4285-01
 Misc : 5.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-EA-(1)

Quant Time: Oct 21 05:40:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	59591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	101660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	106000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	45411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	55116	78.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.18%
35) Dibromofluoromethane	7.908	113	37477	57.57	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.14%
50) Toluene-d8	10.332	98	128952	51.68	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.36%
62) 4-Bromofluorobenzene	12.626	95	44626	51.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.88%

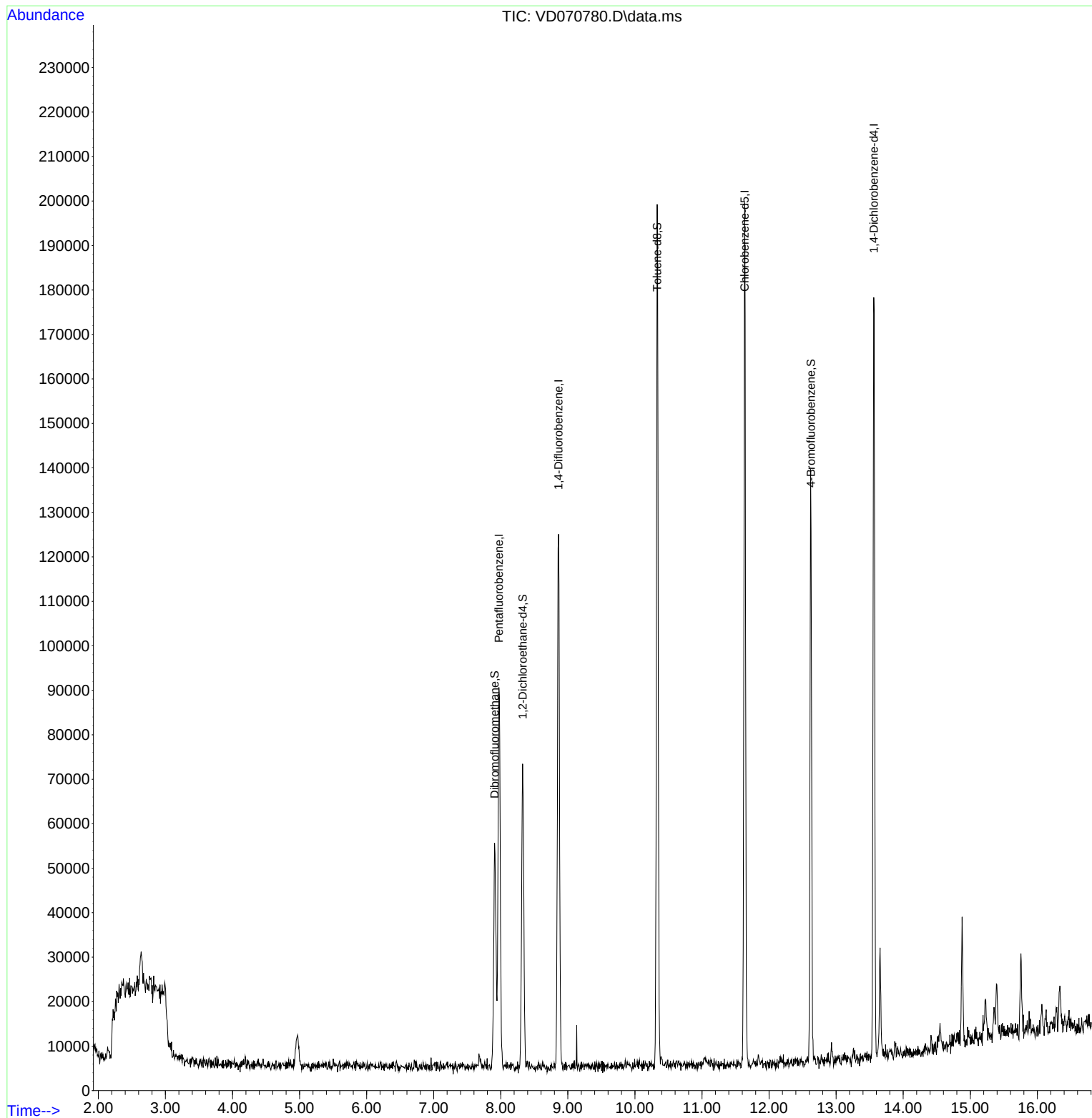
Target Compounds	Qvalue

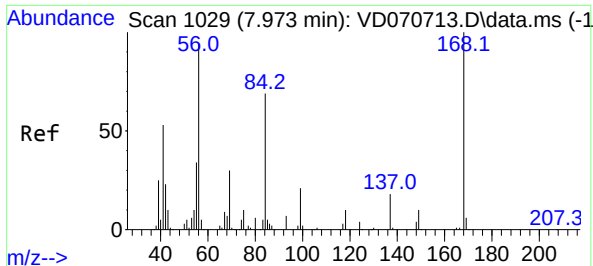
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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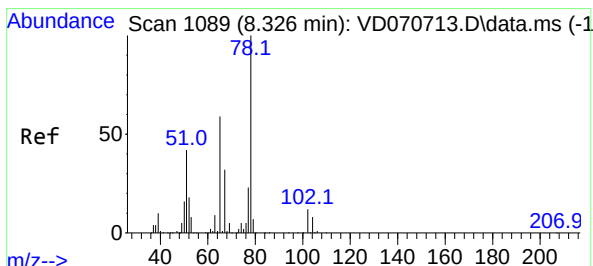
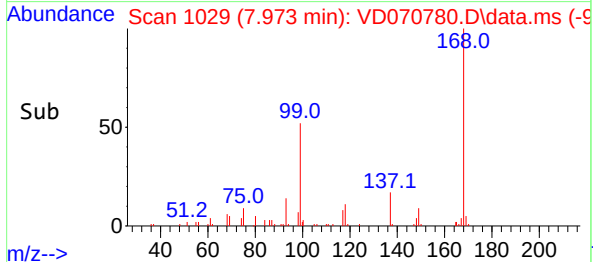
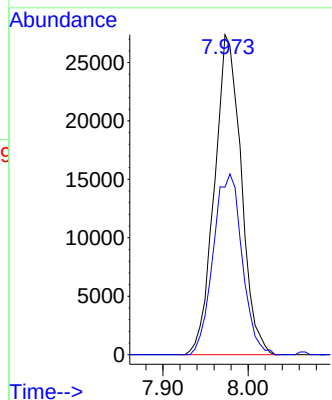
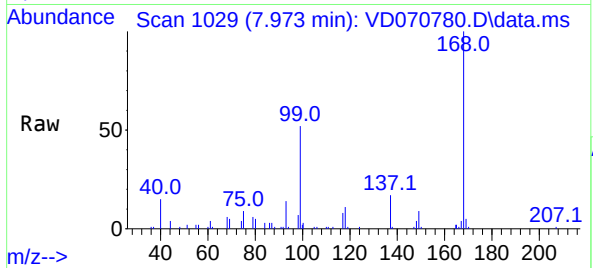




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

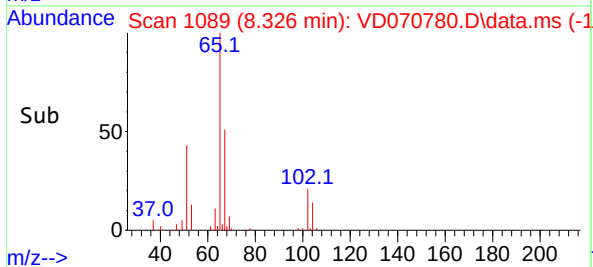
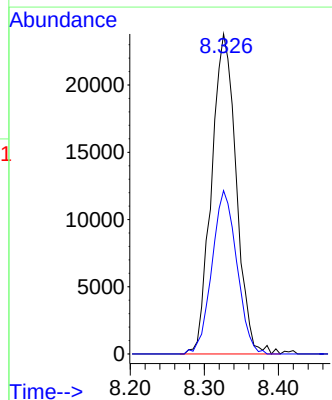
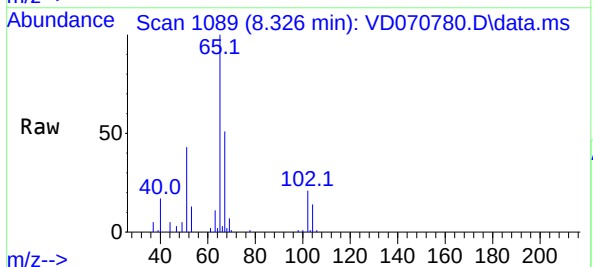
Instrument :
MSVOA_D
ClientSampleId :
MH-EA-(1)

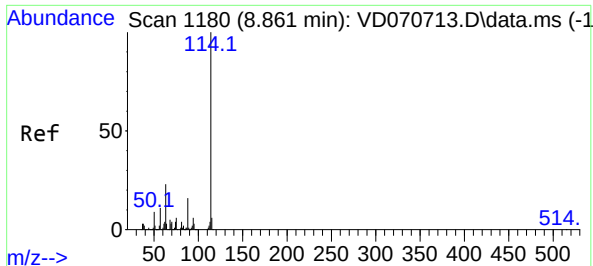
Tgt Ion:168 Resp: 59591
Ion Ratio Lower Upper
168 100
99 52.3 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 78.09 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

Tgt Ion: 65 Resp: 55116
Ion Ratio Lower Upper
65 100
67 51.5 0.0 110.2





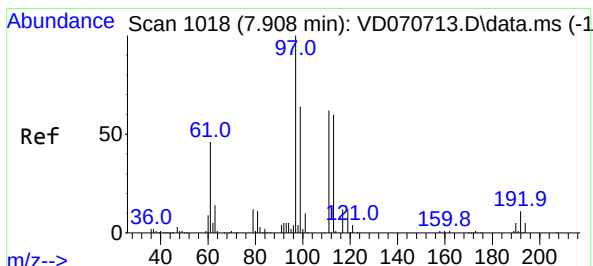
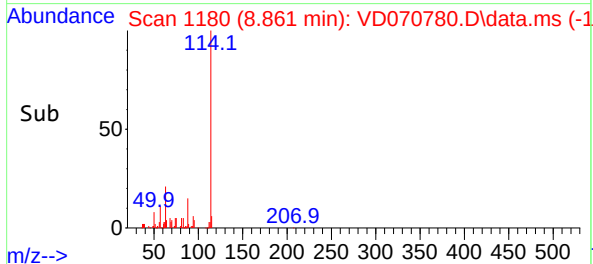
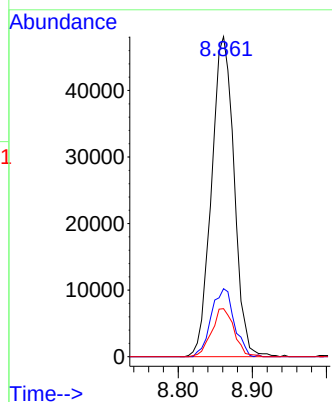
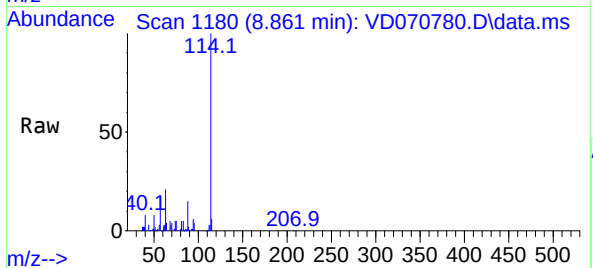
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

Instrument :
MSVOA_D
ClientSampleId :
MH-EA-(1)

Tgt Ion:114 Resp: 101660

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.8
88	15.0	0.0	32.6

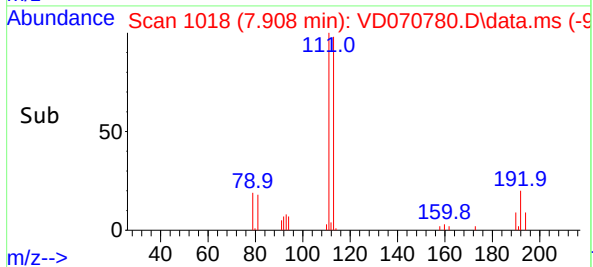
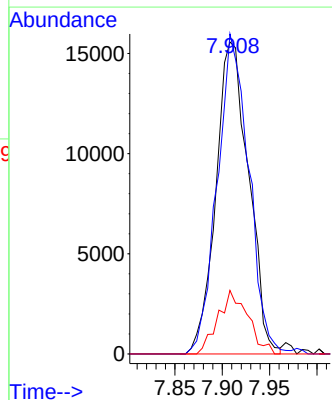
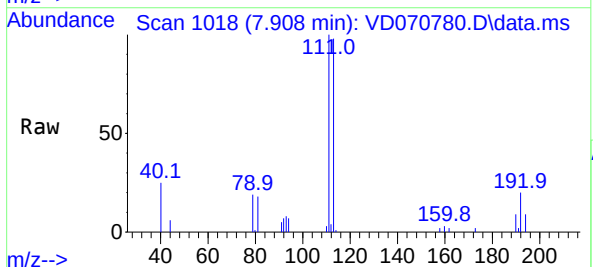


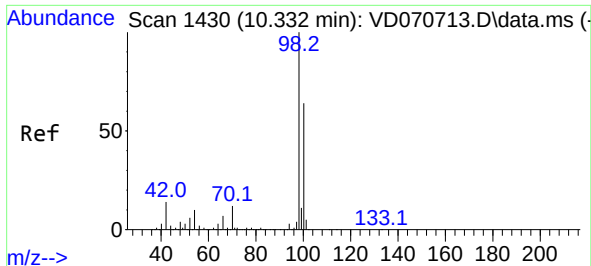
#35

Dibromofluoromethane
Concen: 57.57 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

Tgt Ion:113 Resp: 37477

Ion	Ratio	Lower	Upper
113	100		
111	98.6	83.1	124.7
192	18.6	12.7	19.1

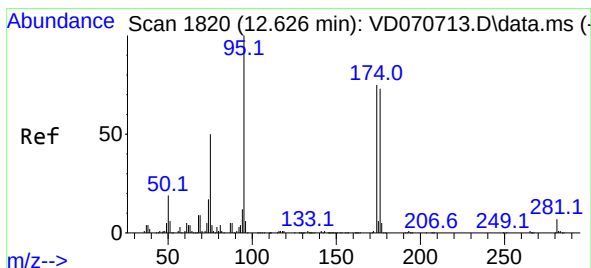
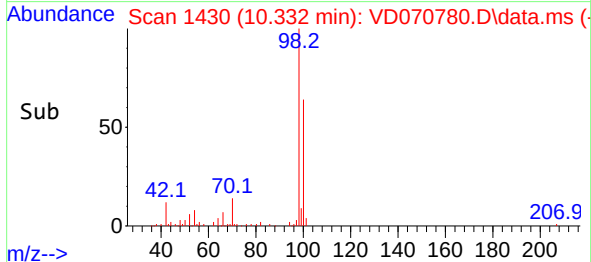
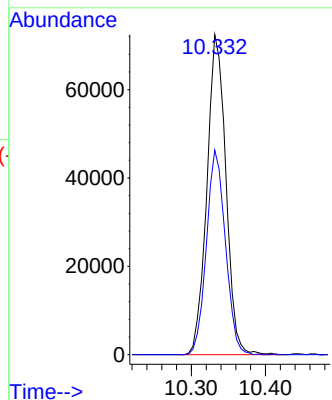
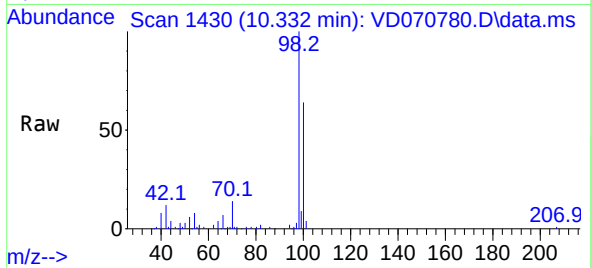




#50
Toluene-d8
Concen: 51.68 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

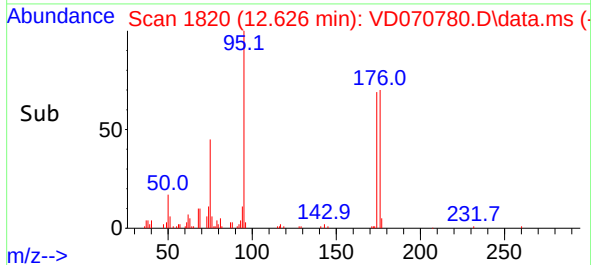
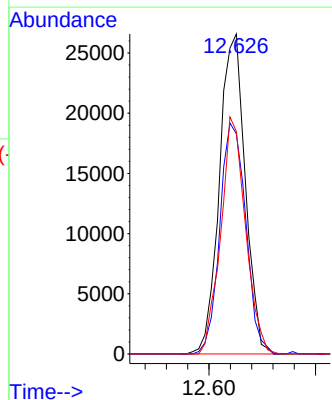
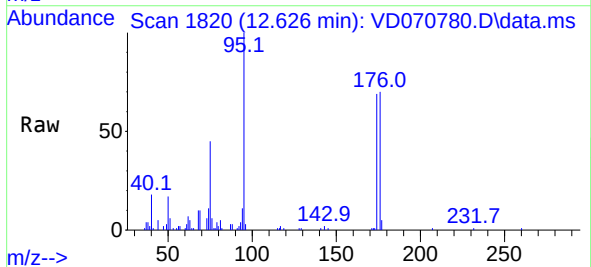
Instrument :
MSVOA_D
ClientSampleId :
MH-EA-(1)

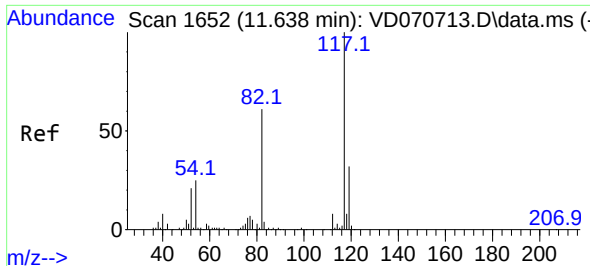
Tgt Ion: 98 Resp: 128952
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.94 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

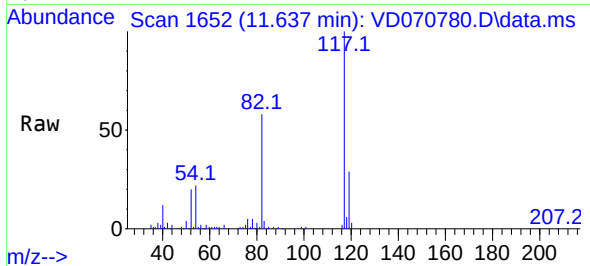
Tgt Ion: 95 Resp: 44626
Ion Ratio Lower Upper
95 100
174 72.6 0.0 138.0
176 71.0 0.0 135.6



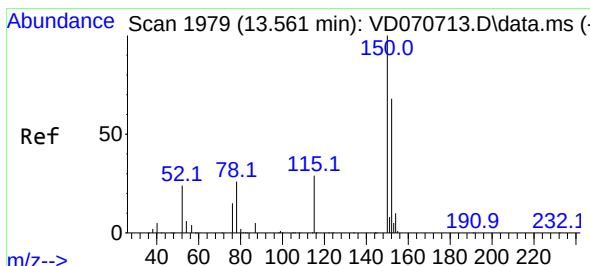
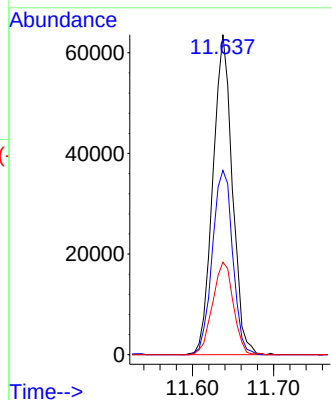
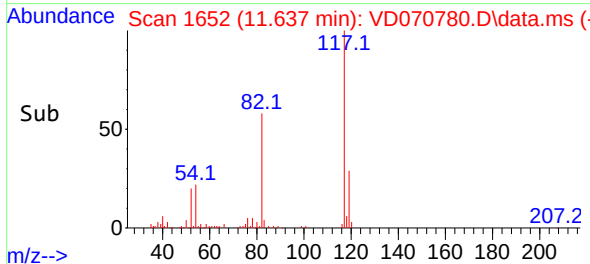


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

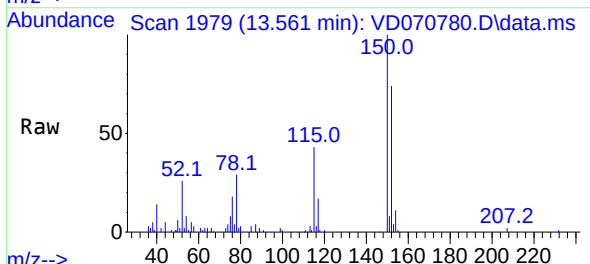
Instrument :
MSVOA_D
ClientSampleId :
MH-EA-(1)



Tgt Ion:117 Resp: 106000
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.2
119 28.9 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: VD070780.D
Acq: 20 Oct 2021 17:17



Tgt Ion:152 Resp: 45411
Ion Ratio Lower Upper
152 100
115 61.2 31.9 95.7
150 155.3 0.0 350.0

