

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070796.D
 Acq On : 21 Oct 2021 12:55
 Operator : VA/SY
 Sample : M4280-07RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2081RE

Quant Time: Oct 22 06:13:55 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	48227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	78748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	85957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	35858	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	46513	81.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.860%
35) Dibromofluoromethane	7.914	113	30286	60.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.120%
50) Toluene-d8	10.332	98	104201	53.910	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.820%
62) 4-Bromofluorobenzene	12.620	95	34297	51.532	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.060%

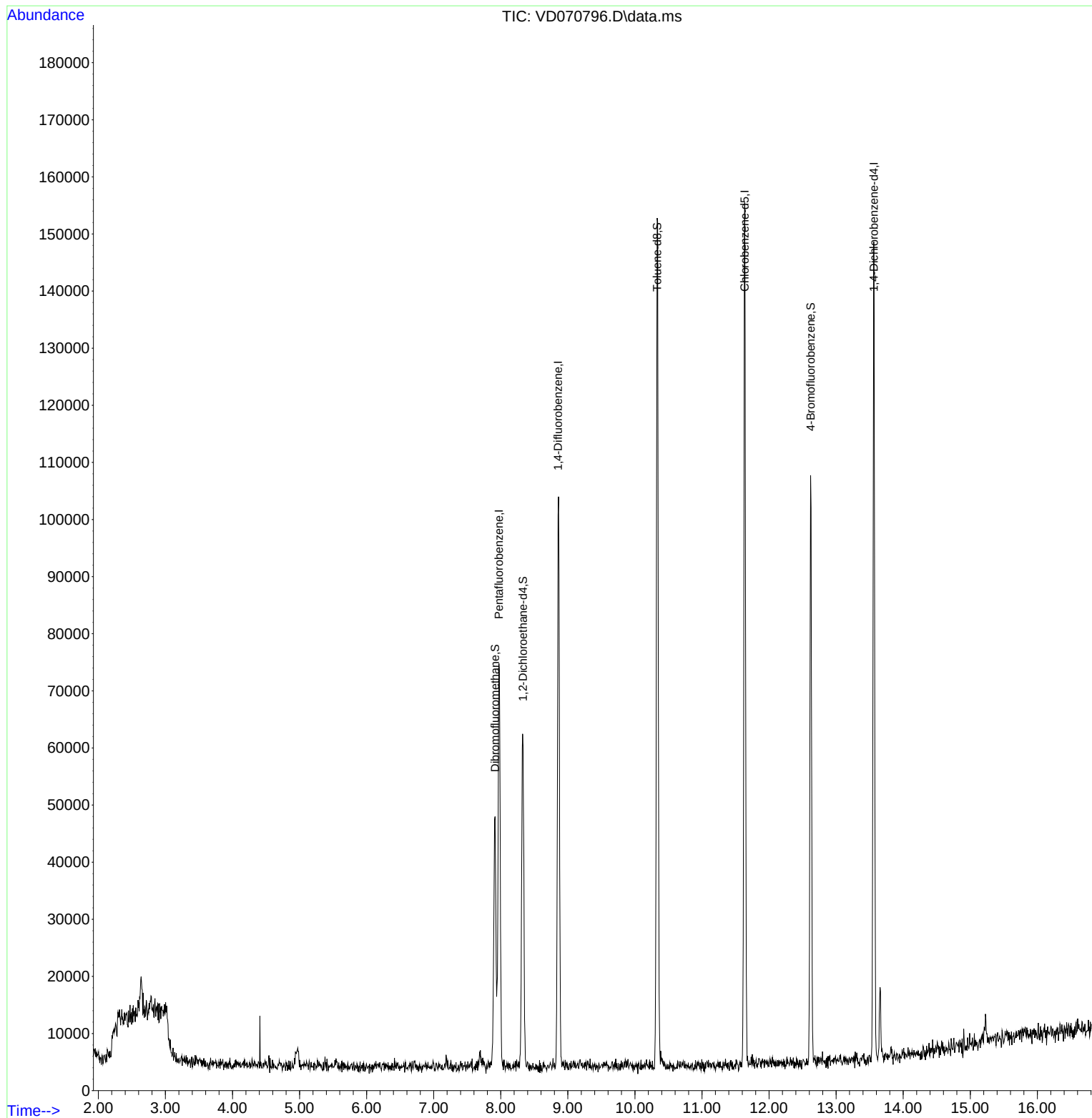
Target Compounds	Qvalue

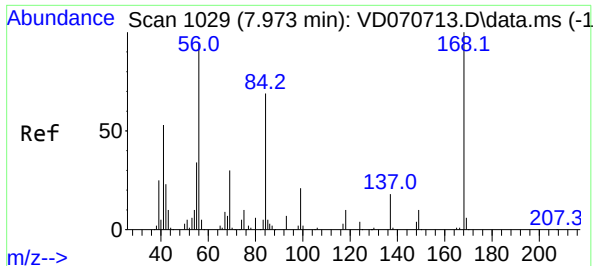
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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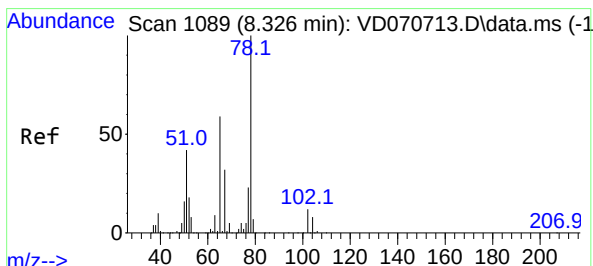
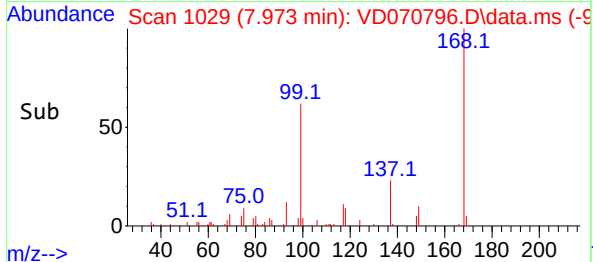
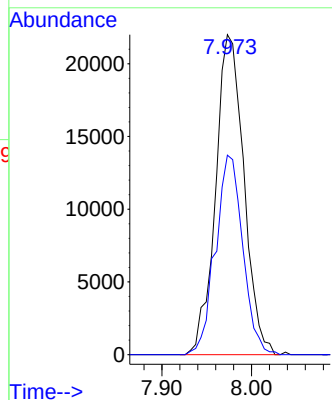
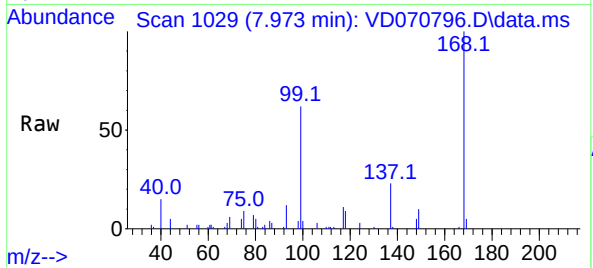




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070796.D
Acq: 21 Oct 2021 12:55

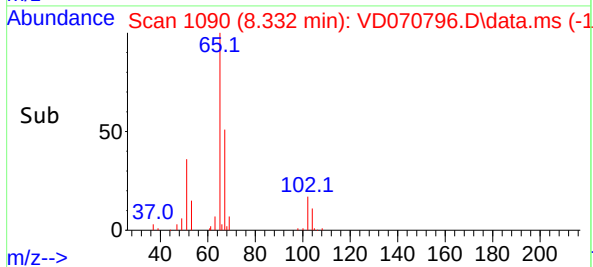
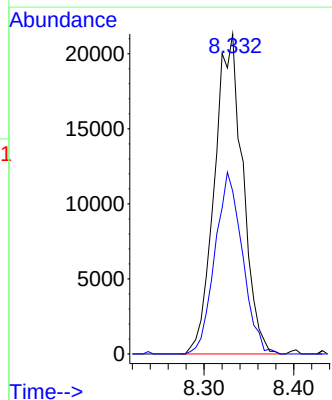
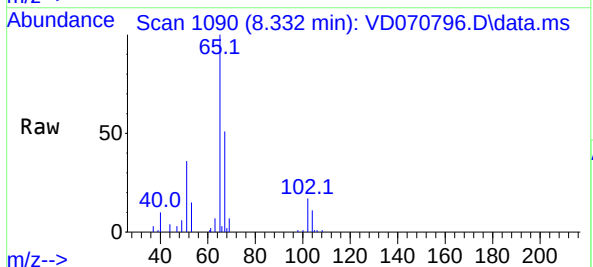
Instrument :
MSVOA_D
ClientSampleId :
2081RE

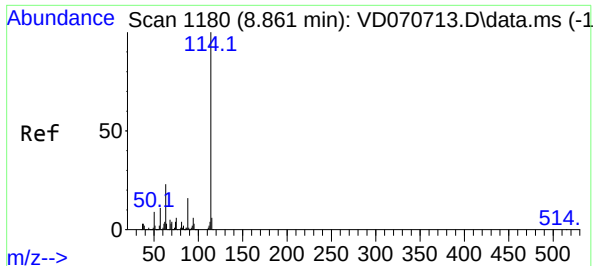
Tgt Ion:168 Resp: 48227
Ion Ratio Lower Upper
168 100
99 62.4 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 81.428 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070796.D
Acq: 21 Oct 2021 12:55

Tgt Ion: 65 Resp: 46513
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.2



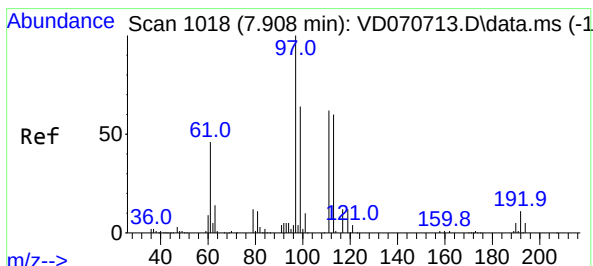
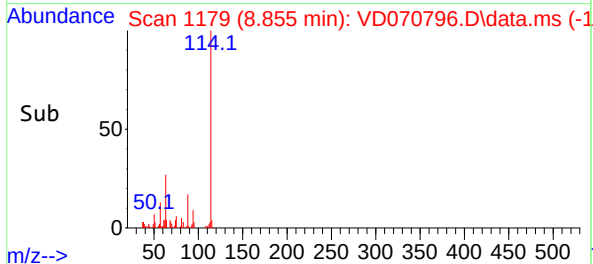
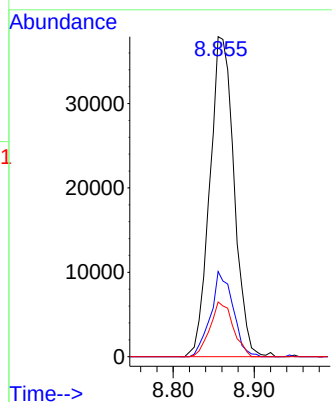
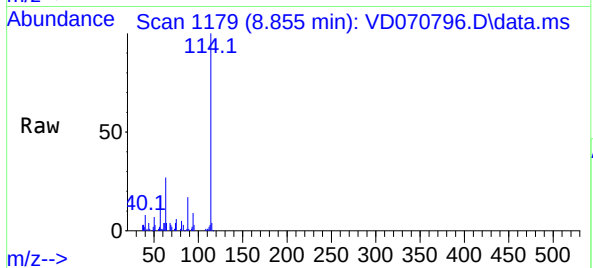


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070796.D
Acq: 21 Oct 2021 12:55

Instrument :
MSVOA_D
ClientSampleId :
2081RE

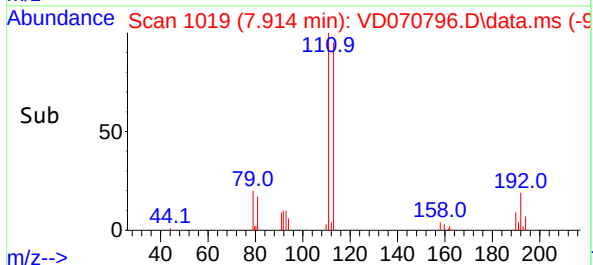
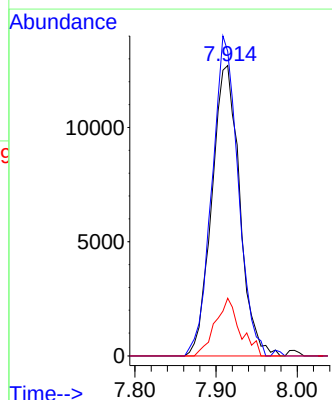
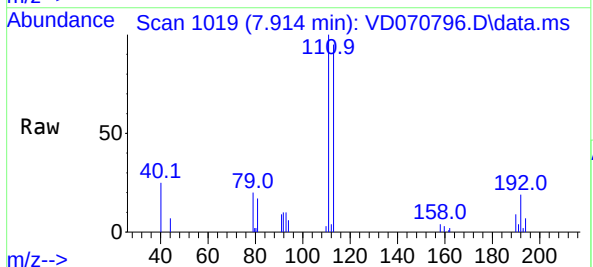
Tgt Ion:114	Resp:	78748
Ion Ratio	Lower	Upper
114	100	
63	26.6	0.0 41.8
88	17.1	0.0 32.6

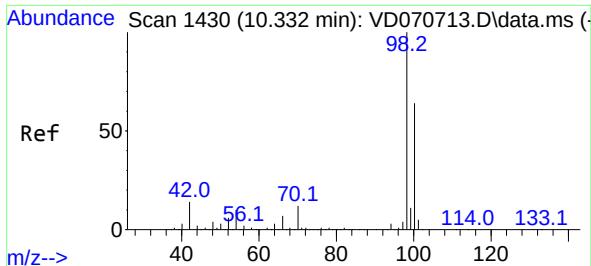


#35

Dibromofluoromethane
Concen: 60.064 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070796.D
Acq: 21 Oct 2021 12:55

Tgt Ion:113	Resp:	30286
Ion Ratio	Lower	Upper
113	100	
111	103.8	83.1 124.7
192	17.6	12.7 19.1

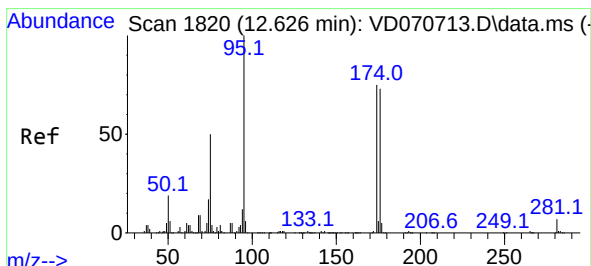
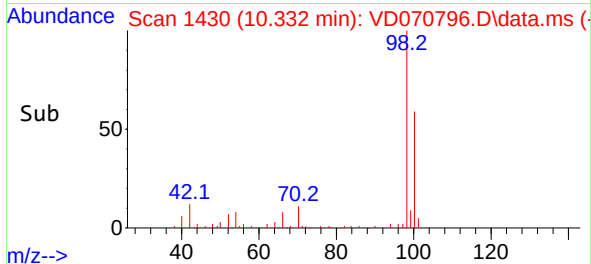
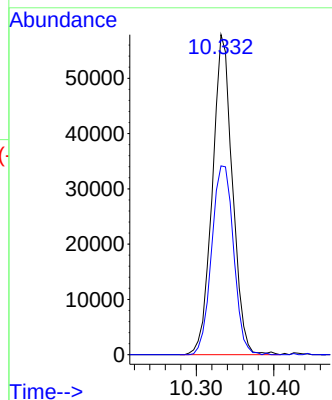
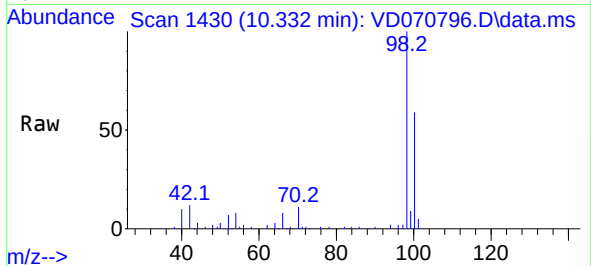




#50
Toluene-d8
Concen: 53.910 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070796.D
Acq: 21 Oct 2021 12:55

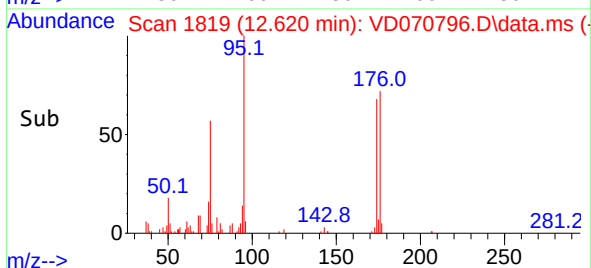
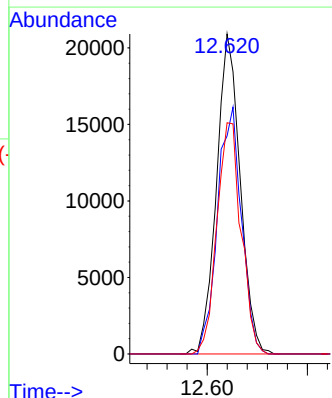
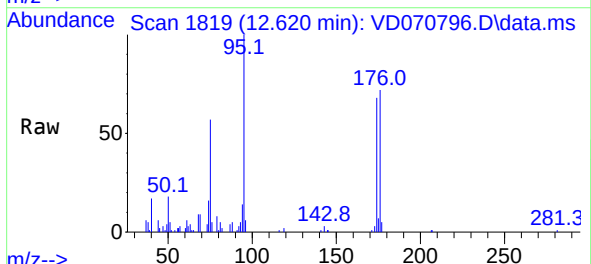
Instrument :
MSVOA_D
ClientSampled :
2081RE

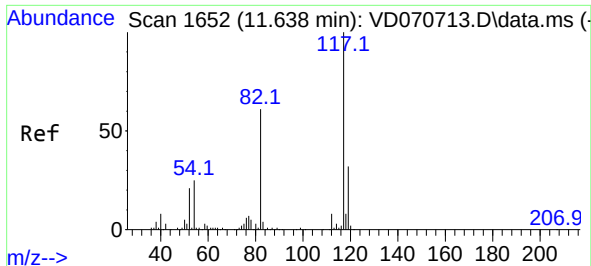
Tgt Ion: 98 Resp: 104201
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.532 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070796.D
Acq: 21 Oct 2021 12:55

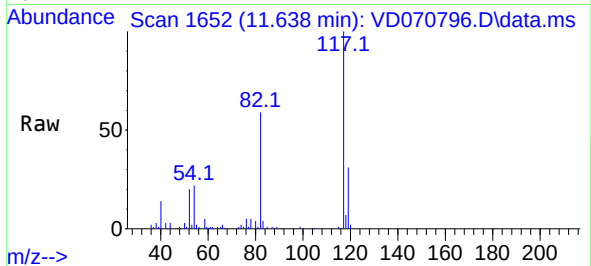
Tgt Ion: 95 Resp: 34297
Ion Ratio Lower Upper
95 100
174 78.1 0.0 138.0
176 74.0 0.0 135.6



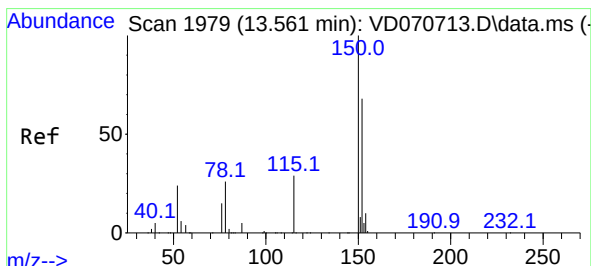
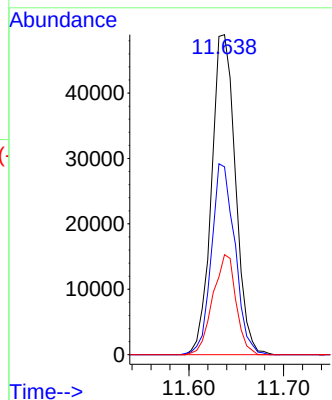
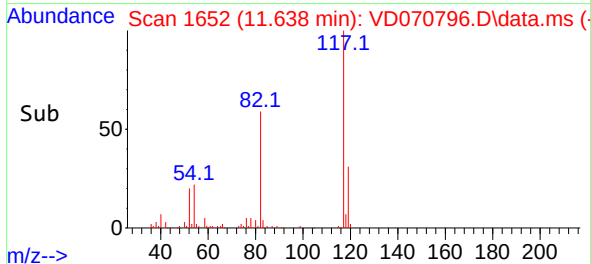


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070796.D
Acq: 21 Oct 2021 12:55

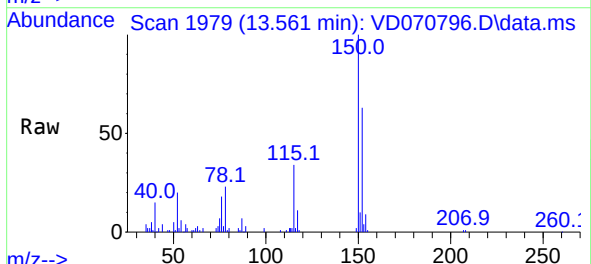
Instrument :
MSVOA_D
ClientSampled :
2081RE



Tgt Ion:117 Resp: 85957
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.2
119 31.3 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: VD070796.D
Acq: 21 Oct 2021 12:55



Tgt Ion:152 Resp: 35858
Ion Ratio Lower Upper
152 100
115 59.6 31.9 95.7
150 159.5 0.0 350.0

