

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070774.D
 Acq On : 20 Oct 2021 14:26
 Operator : VA/SY
 Sample : M4280-07
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2081

Quant Time: Oct 21 05:38:15 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	62405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	108461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	113200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	50301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	65729	88.93	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	177.86%#
35) Dibromofluoromethane	7.914	113	44775	64.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.94%
50) Toluene-d8	10.332	98	139411	52.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.74%
62) 4-Bromofluorobenzene	12.620	95	47306	51.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.22%

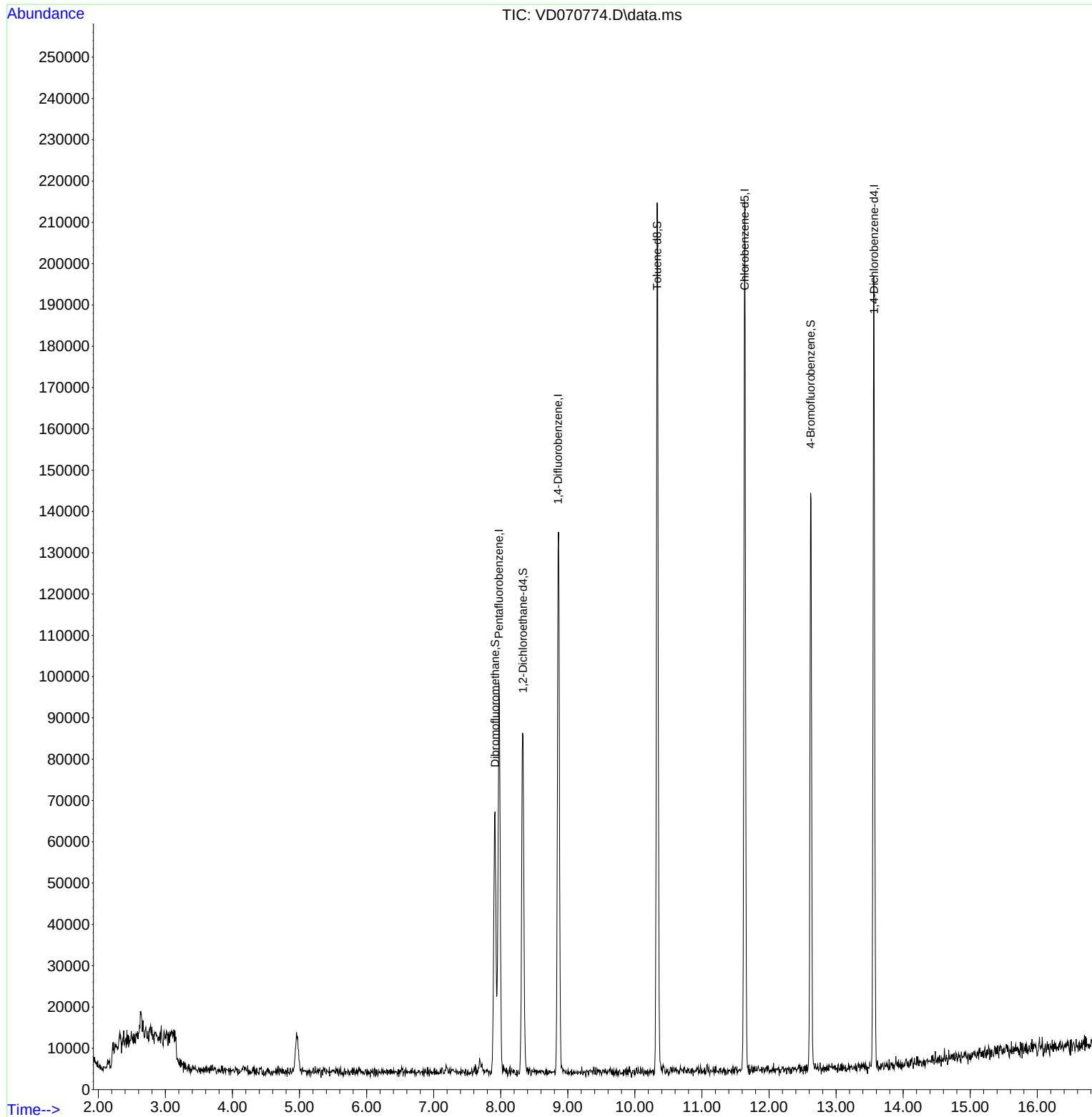
Target Compounds	Qvalue

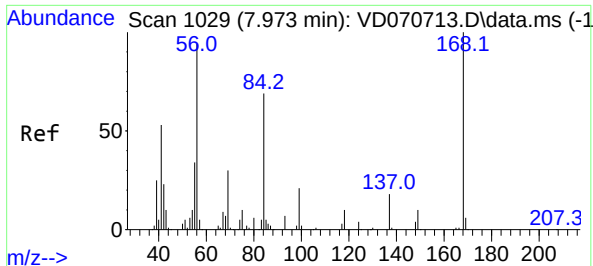
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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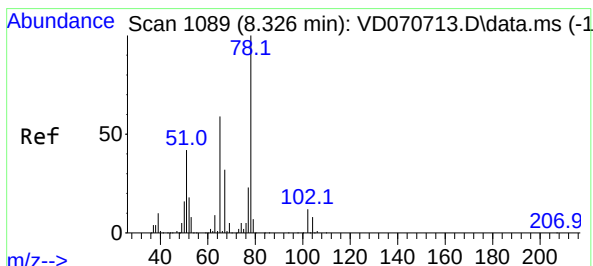
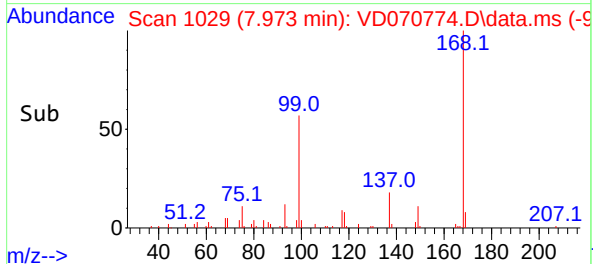
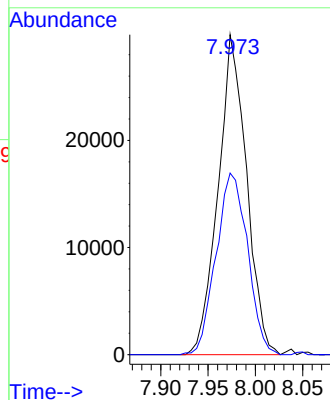
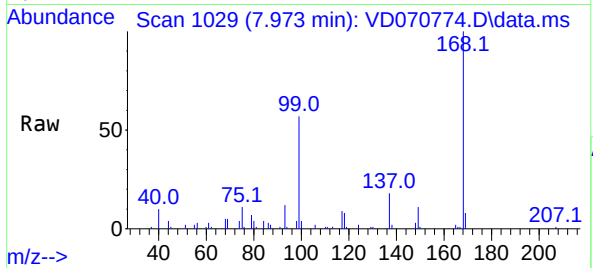




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

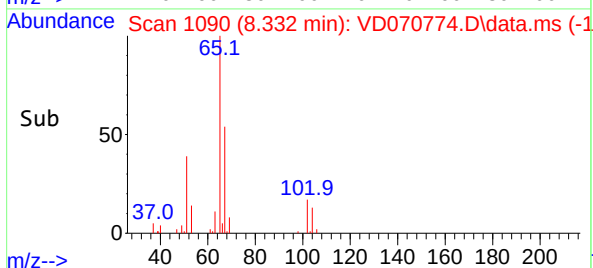
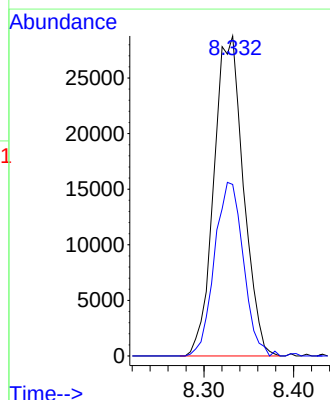
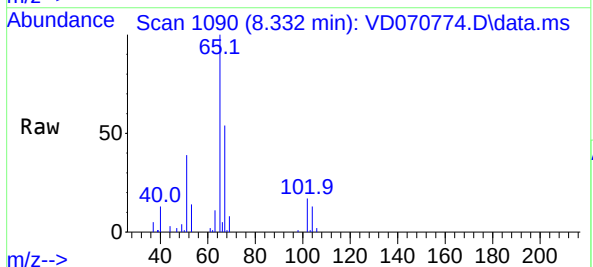
Instrument :
MSVOA_D
ClientSampleId :
2081

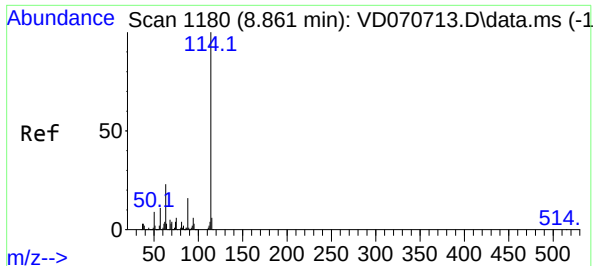
Tgt Ion:168 Resp: 62405
Ion Ratio Lower Upper
168 100
99 56.8 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 88.93 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

Tgt Ion: 65 Resp: 65729
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.2



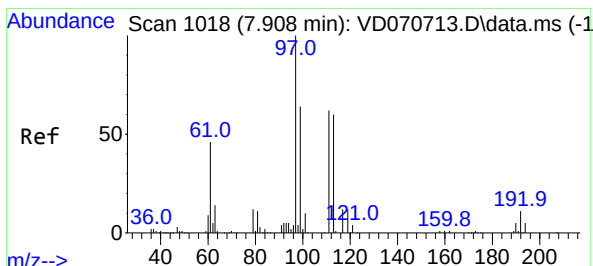
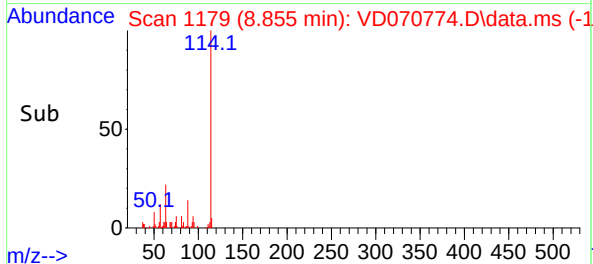
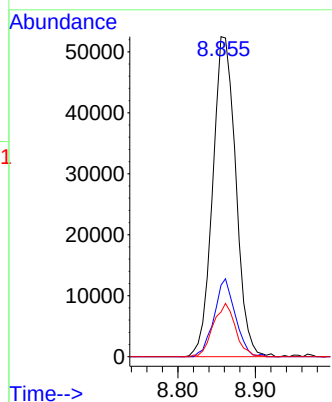
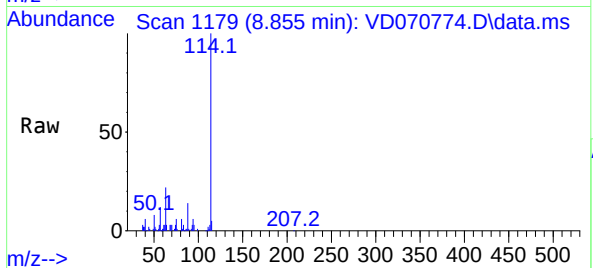


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

Instrument :
MSVOA_D
ClientSampleId :
2081

Tgt Ion:114 Resp: 108461

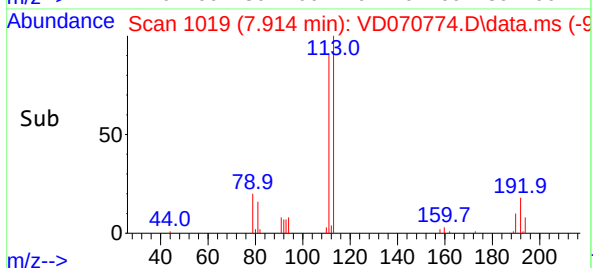
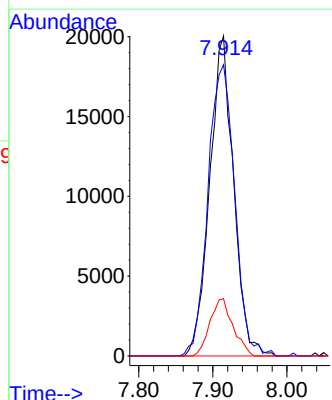
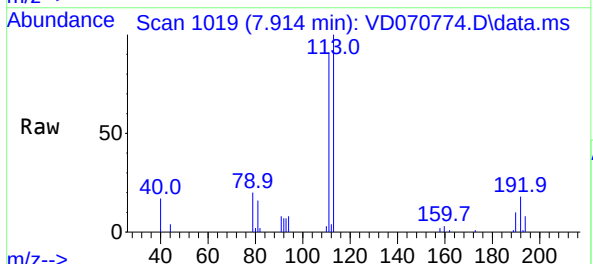
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	41.8
88	14.0	0.0	32.6

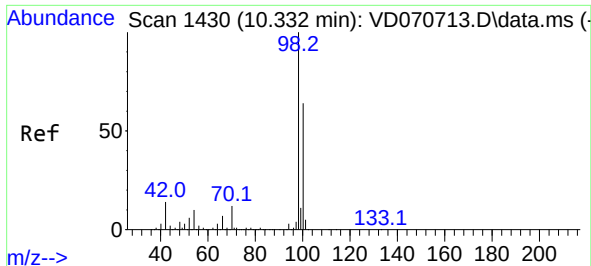


#35
Dibromofluoromethane
Concen: 64.47 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

Tgt Ion:113 Resp: 44775

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.1	124.7
192	17.3	12.7	19.1

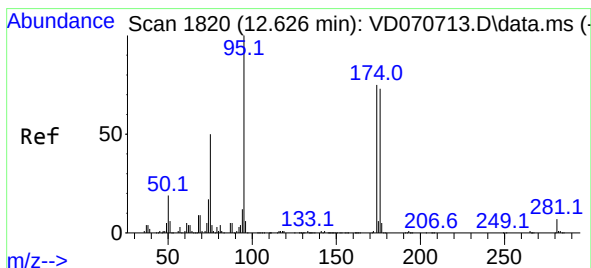
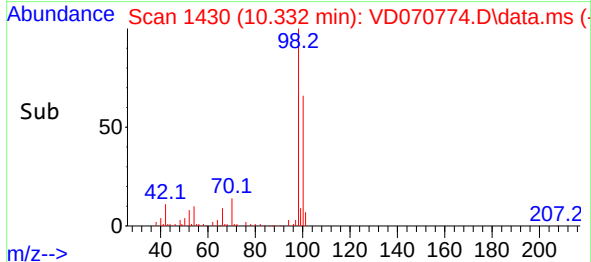
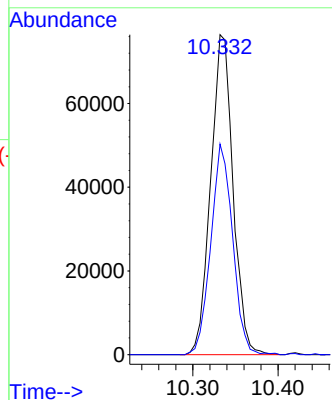
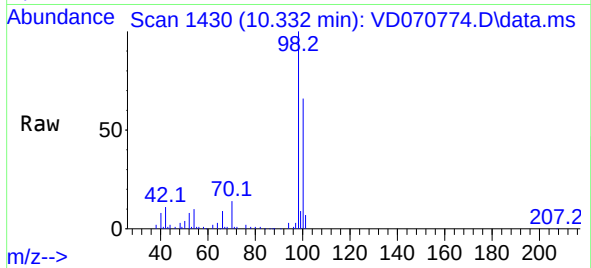




#50
Toluene-d8
Concen: 52.37 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

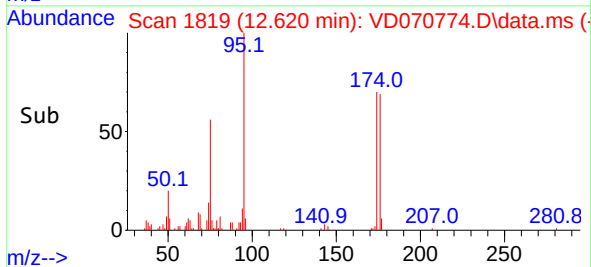
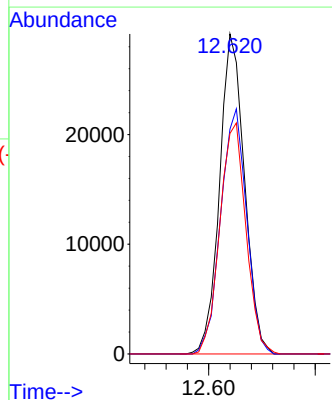
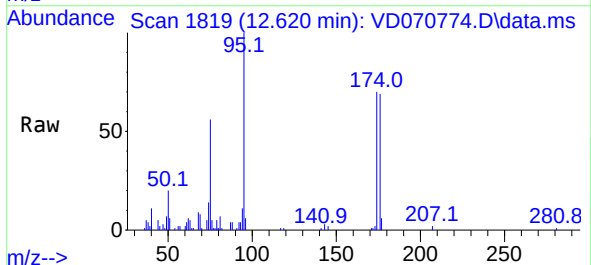
Instrument :
MSVOA_D
ClientSampled :
2081

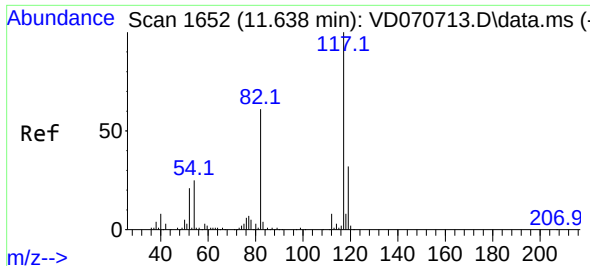
Tgt Ion: 98 Resp: 139411
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.61 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

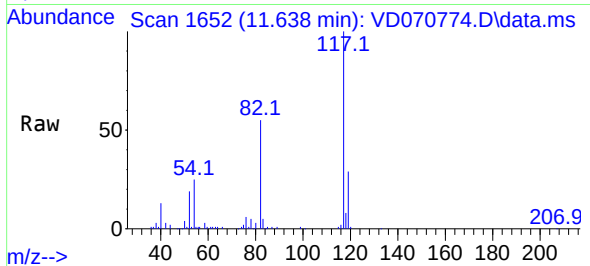
Tgt Ion: 95 Resp: 47306
Ion Ratio Lower Upper
95 100
174 79.8 0.0 138.0
176 75.7 0.0 135.6



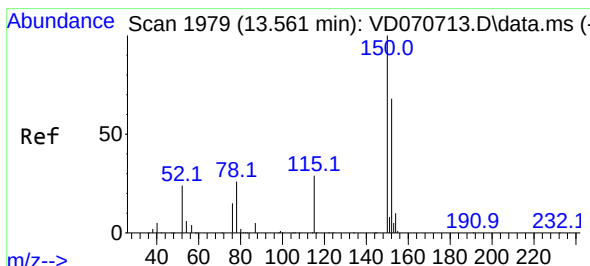
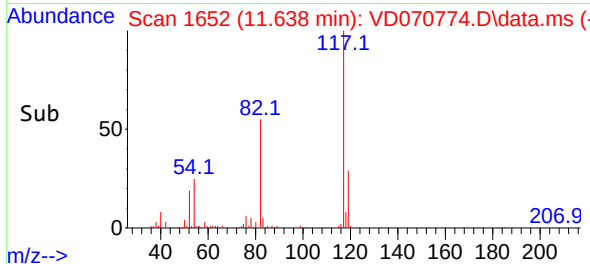
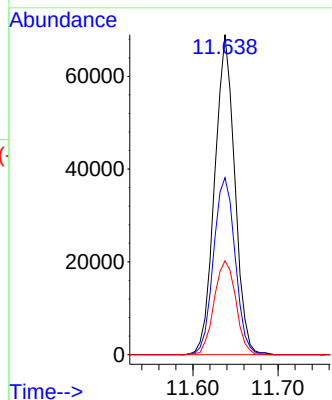


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

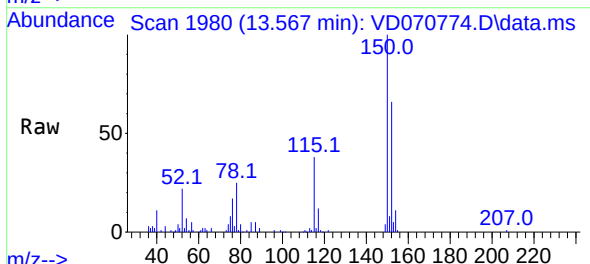
Instrument :
MSVOA_D
ClientSampleId :
2081



Tgt Ion:117 Resp: 113200
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 29.4 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26



Tgt Ion:152 Resp: 50301
Ion Ratio Lower Upper
152 100
115 61.4 31.9 95.7
150 157.5 0.0 350.0

