

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072121\
 Data File : VD069786.D
 Acq On : 21 Jul 2021 12:55
 Operator : VA/SY
 Sample : M3051-08
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 41213

Quant Time: Jul 22 03:39:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

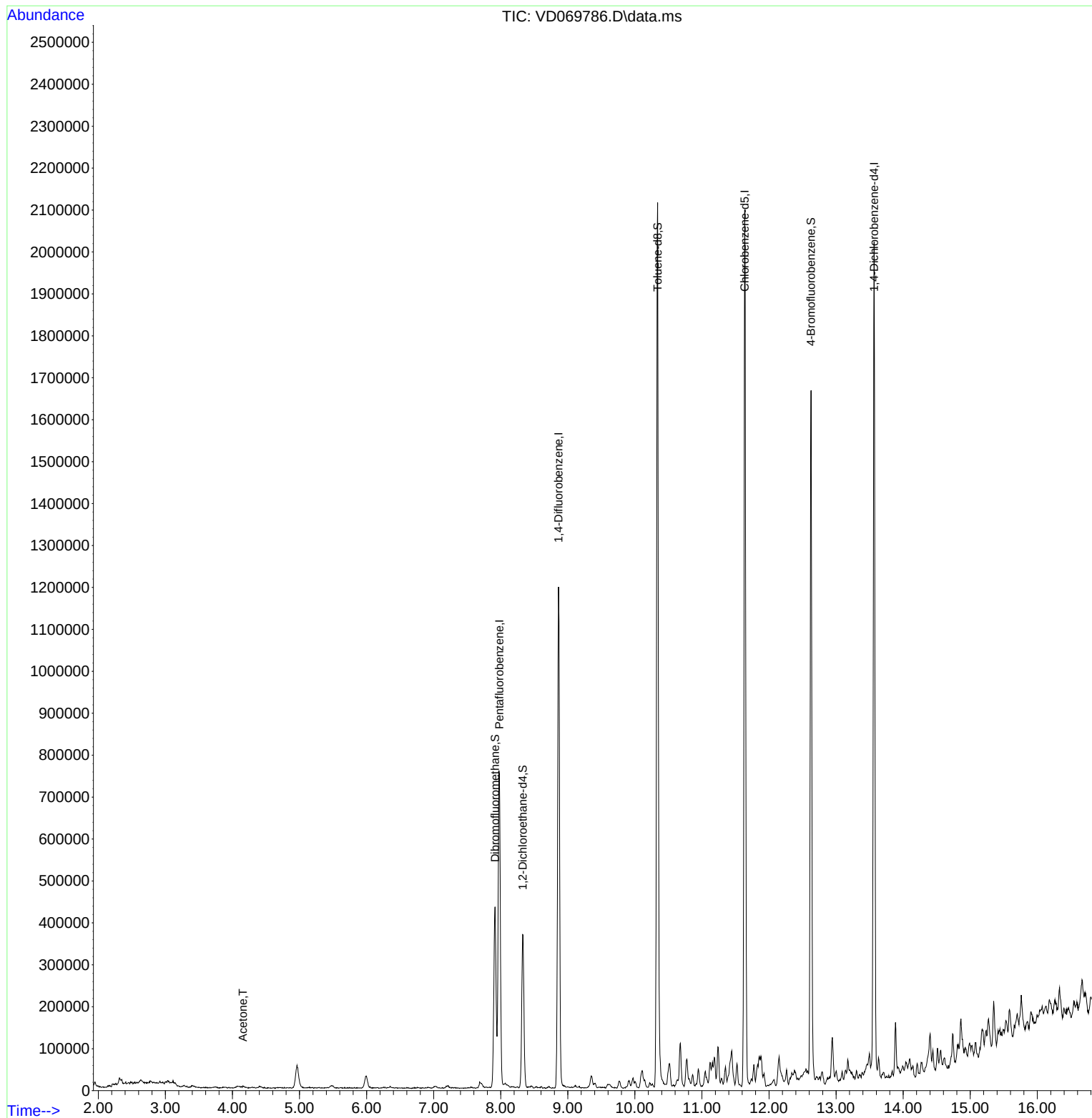
Internal Standards						
1) Pentafluorobenzene	7.979	168	531834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1008450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1208546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	515430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	292234	44.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.020%
35) Dibromofluoromethane	7.914	113	313289	46.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.620%
50) Toluene-d8	10.338	98	1366184	51.978	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.960%
62) 4-Bromofluorobenzene	12.626	95	576880	65.809	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.620%
Target Compounds						
16) Acetone	4.156	43	5652	16.786	ug/l	Qvalue # 87

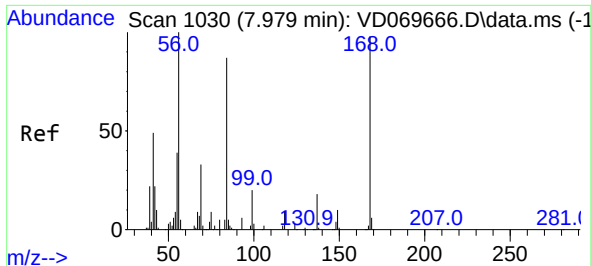
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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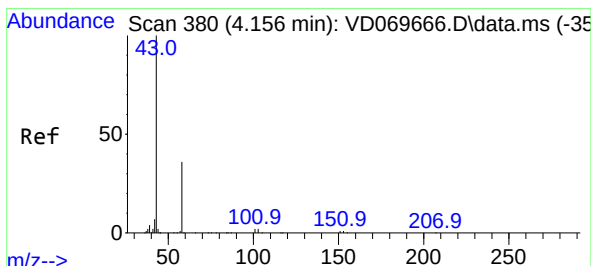
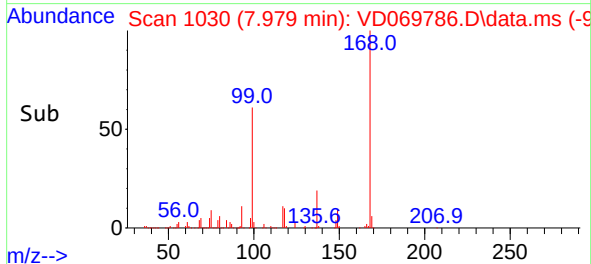
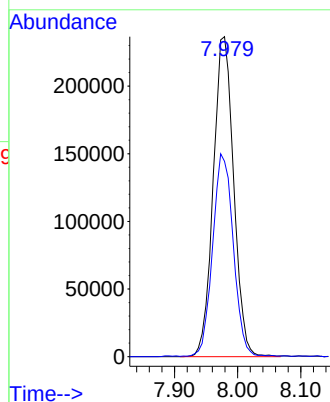
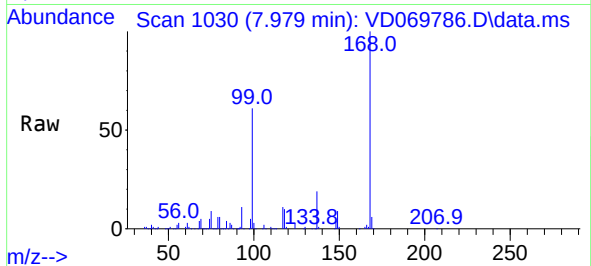




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069786.D
Acq: 21 Jul 2021 12:55

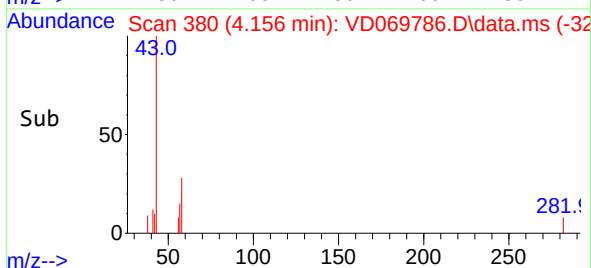
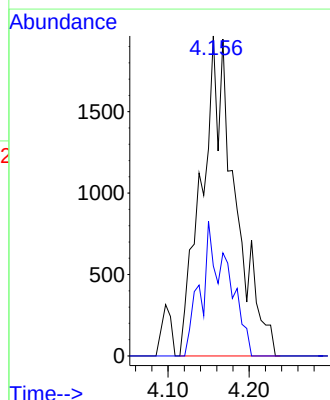
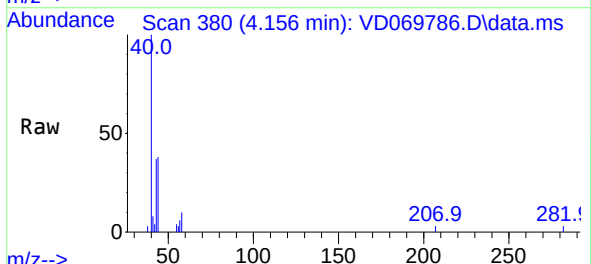
Instrument :
MSVOA_D
ClientSampleId :
41213

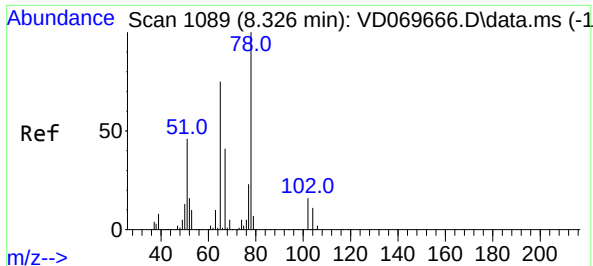
Tgt Ion:168 Resp: 531834
Ion Ratio Lower Upper
168 100
99 60.9 51.8 77.6



#16
Acetone
Concen: 16.786 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069786.D
Acq: 21 Jul 2021 12:55

Tgt Ion: 43 Resp: 5652
Ion Ratio Lower Upper
43 100
58 28.1 28.6 42.8#

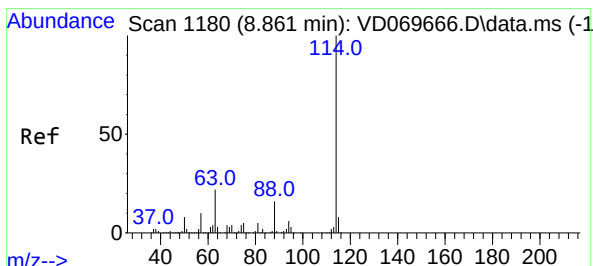
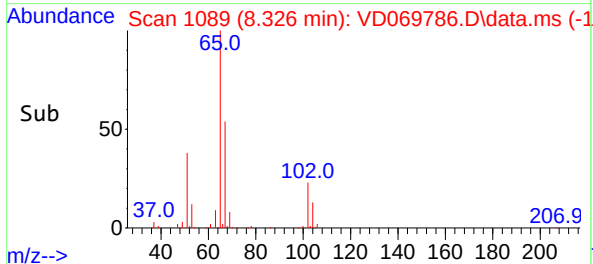
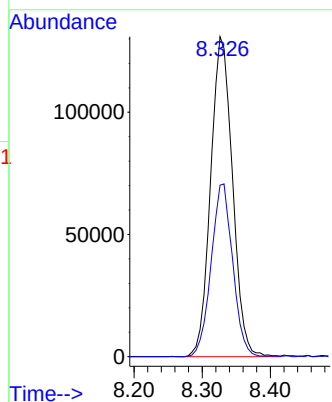
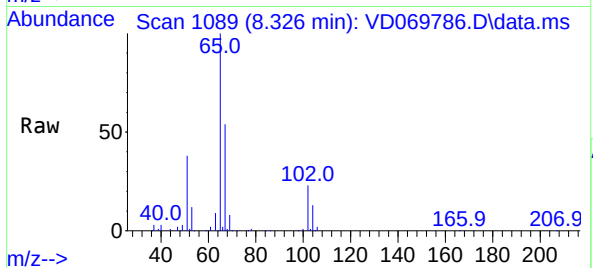




#33
1,2-Dichloroethane-d4
Concen: 44.007 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069786.D
Acq: 21 Jul 2021 12:55

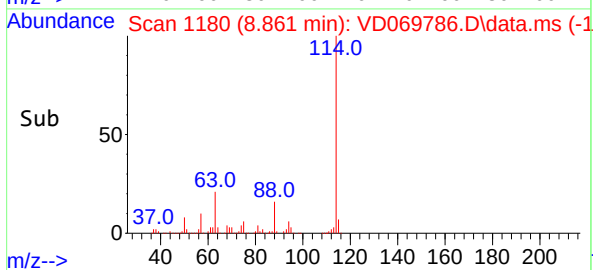
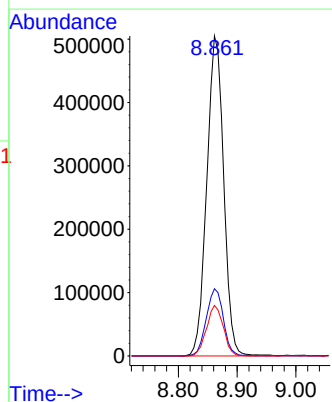
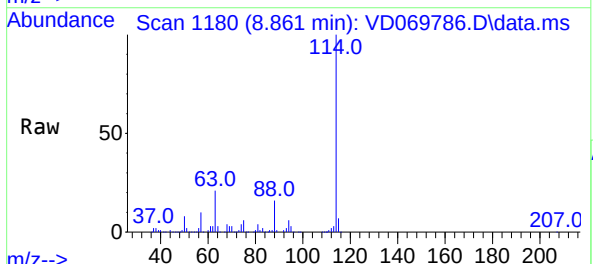
Instrument :
MSVOA_D
ClientSampled :
41213

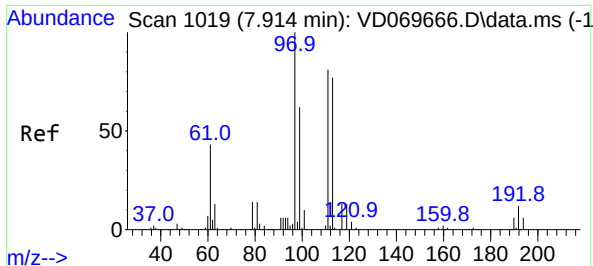
Tgt Ion: 65 Resp: 292234
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069786.D
Acq: 21 Jul 2021 12:55

Tgt Ion:114 Resp: 1008450
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.4
88 15.8 0.0 32.0

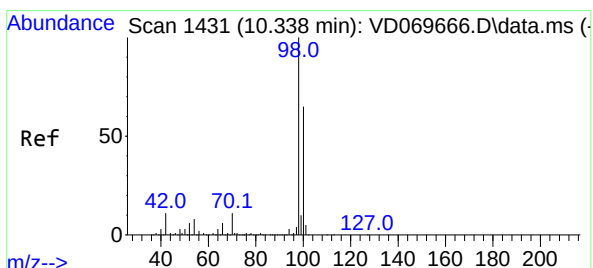
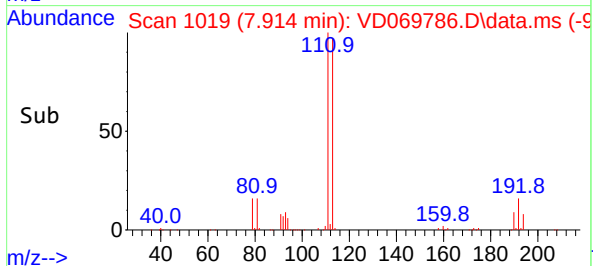
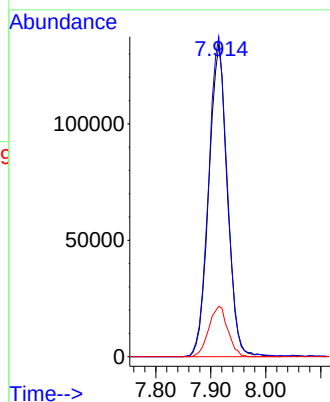
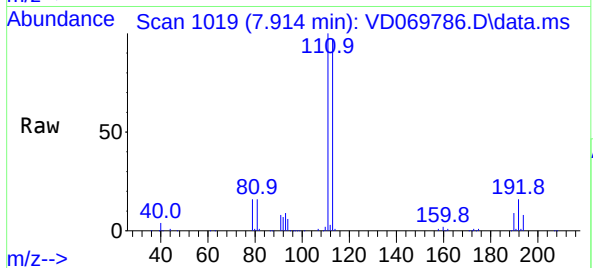




#35
Dibromofluoromethane
Concen: 46.307 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069786.D
Acq: 21 Jul 2021 12:55

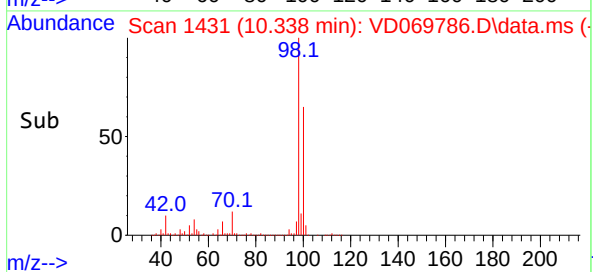
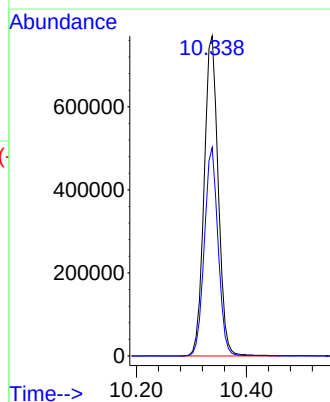
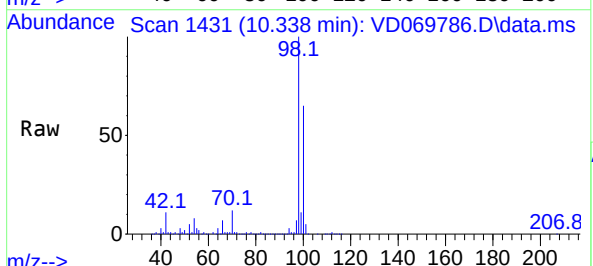
Instrument :
MSVOA_D
ClientSampleId :
41213

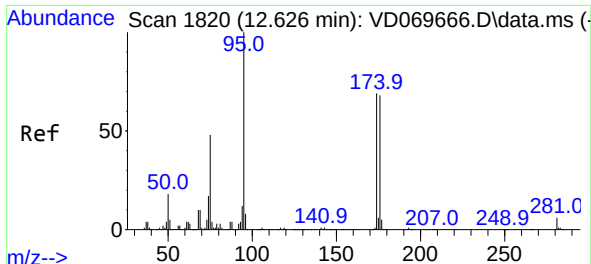
Tgt Ion:113 Resp: 313289
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 16.6 12.7 19.1



#50
Toluene-d8
Concen: 51.978 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069786.D
Acq: 21 Jul 2021 12:55

Tgt Ion: 98 Resp: 1366184
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2

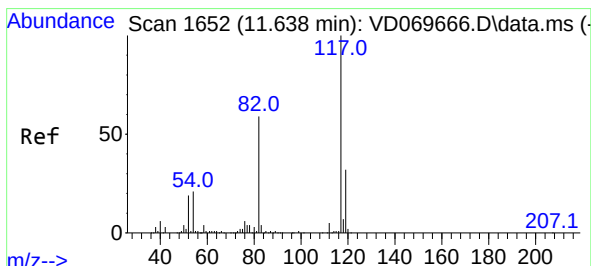
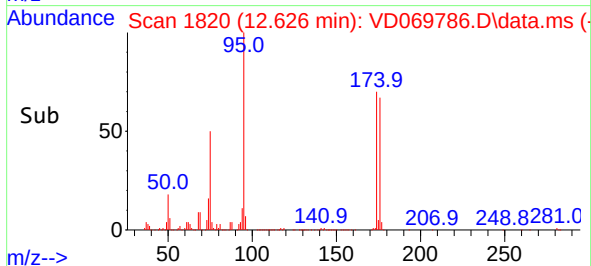
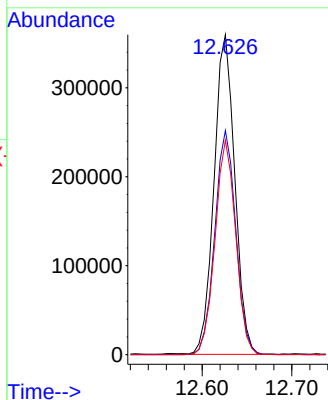
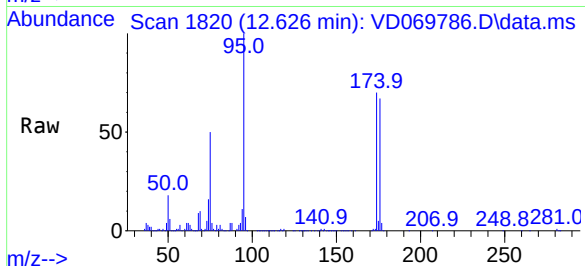




#62
4-Bromofluorobenzene
Concen: 65.809 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069786.D
Acq: 21 Jul 2021 12:55

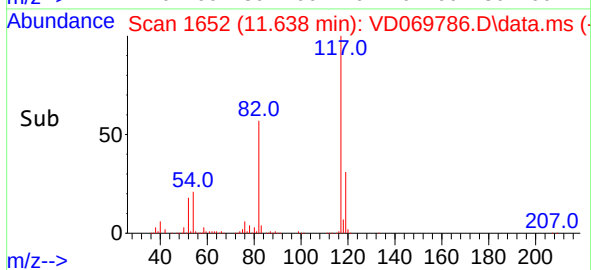
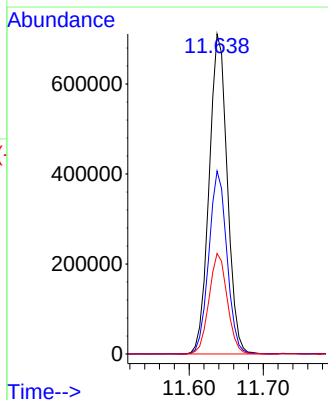
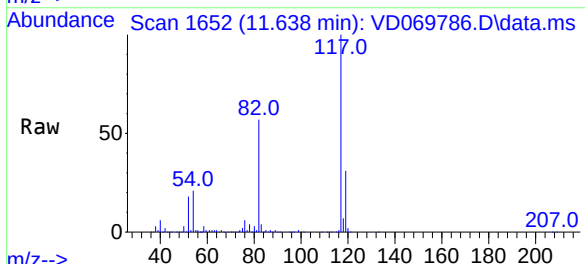
Instrument :
MSVOA_D
ClientSampled :
41213

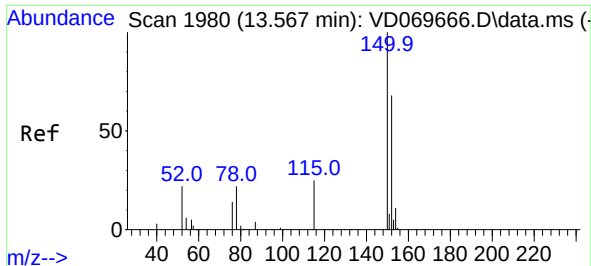
Tgt Ion: 95 Resp: 576880
Ion Ratio Lower Upper
95 100
174 71.1 0.0 140.0
176 66.8 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069786.D
Acq: 21 Jul 2021 12:55

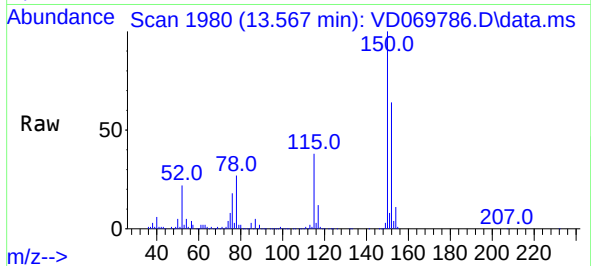
Tgt Ion: 117 Resp: 1208546
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.4 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069786.D
Acq: 21 Jul 2021 12:55

Instrument :
MSVOA_D
ClientSampleId :
41213



Tgt Ion:152 Resp: 515430
Ion Ratio Lower Upper
152 100
115 61.6 31.7 95.1
150 157.1 0.0 350.4

