

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070205.D
 Acq On : 20 Aug 2021 16:18
 Operator : VA/SY
 Sample : M3449-10
 Misc : 5.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4

Quant Time: Aug 23 03:53:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

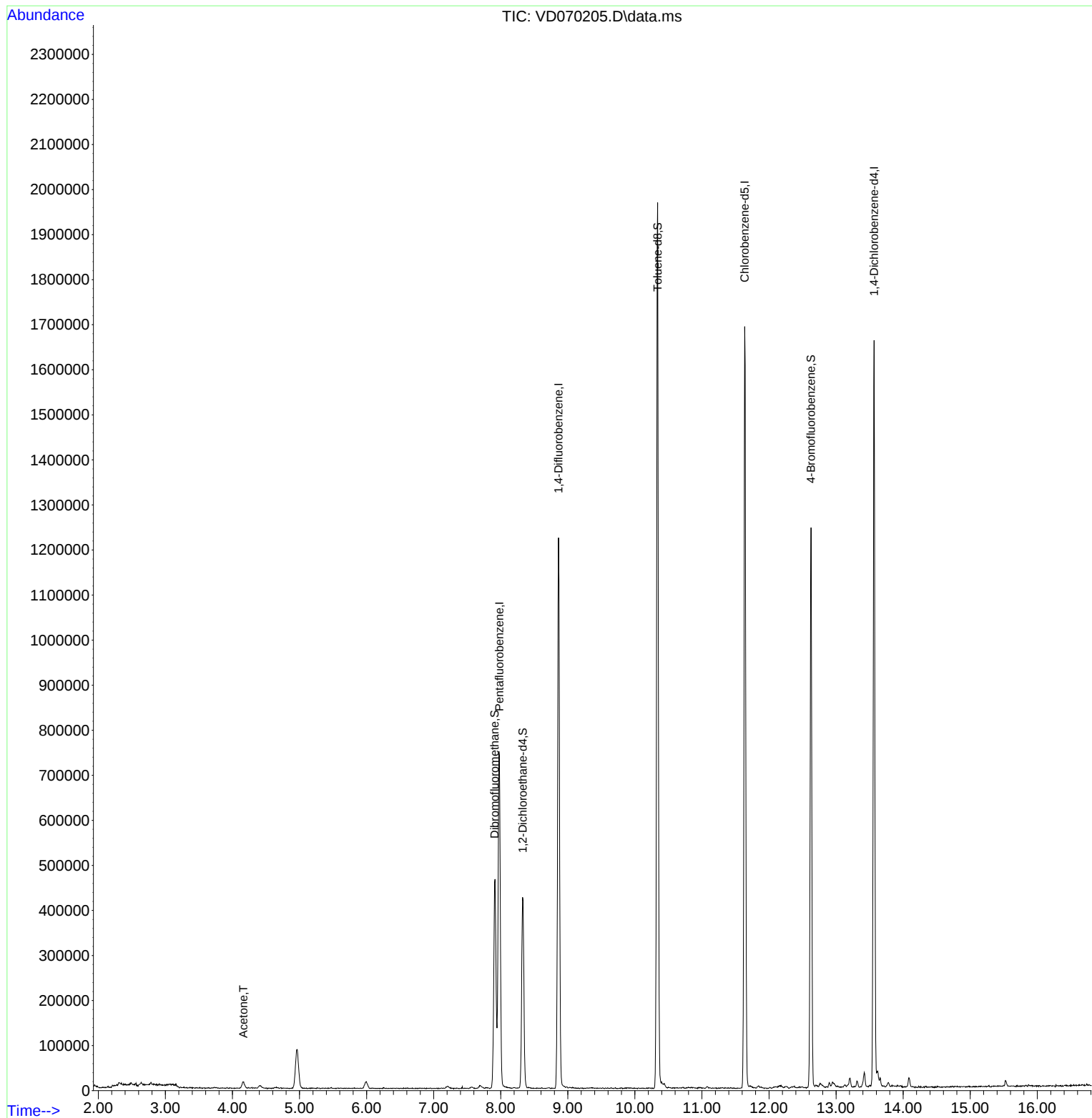
Internal Standards						
1) Pentafluorobenzene	7.979	168	532540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1027436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1005244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	430401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	338366	54.022	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.040%	
35) Dibromofluoromethane	7.909	113	345250	52.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.020%	
50) Toluene-d8	10.338	98	1337545	51.807	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	12.626	95	429250	50.478	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.960%	
Target Compounds						
16) Acetone	4.162	43	25419	22.030	ug/l	Qvalue 97

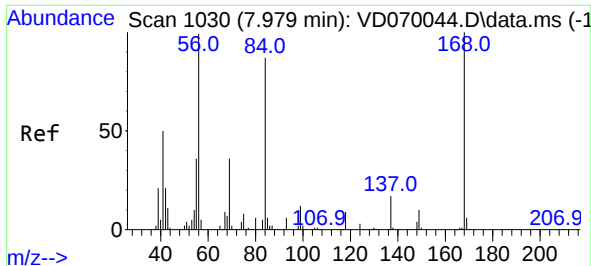
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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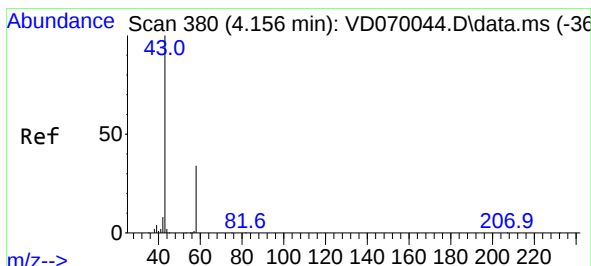
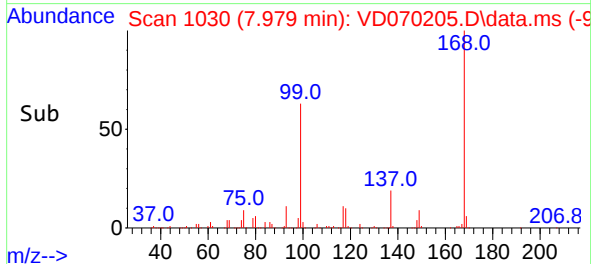
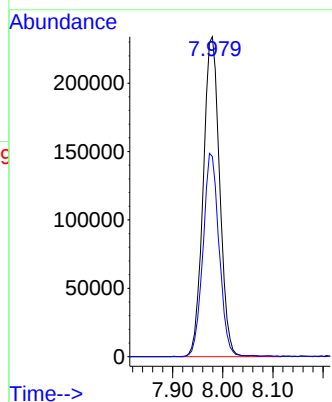
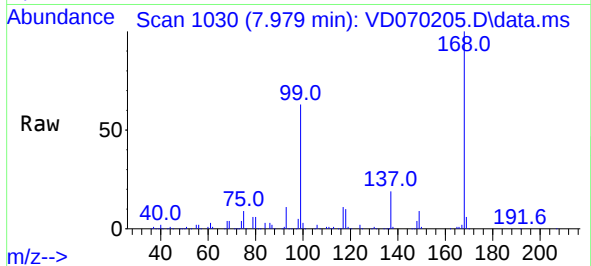




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070205.D
Acq: 20 Aug 2021 16:18

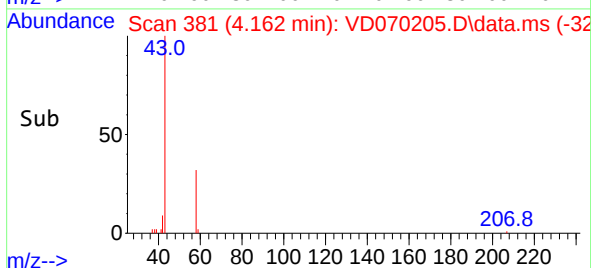
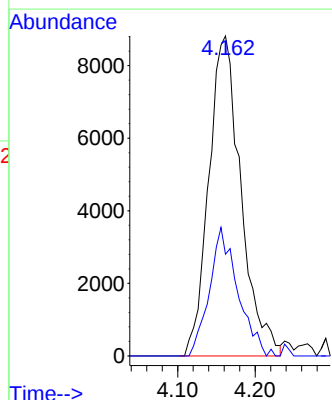
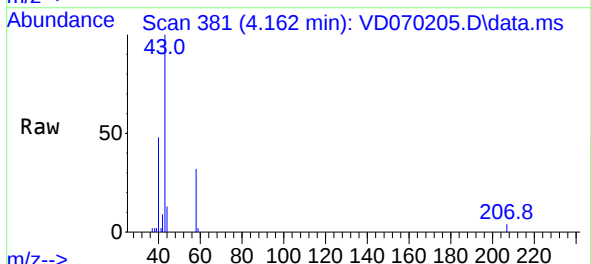
Instrument :
MSVOA_D
ClientSampled :
TP4

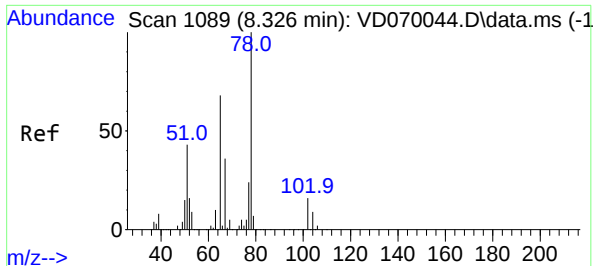
Tgt Ion:168 Resp: 532540
Ion Ratio Lower Upper
168 100
99 62.5 50.3 75.5



#16
Acetone
Concen: 22.030 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070205.D
Acq: 20 Aug 2021 16:18

Tgt Ion: 43 Resp: 25419
Ion Ratio Lower Upper
43 100
58 31.8 26.8 40.2

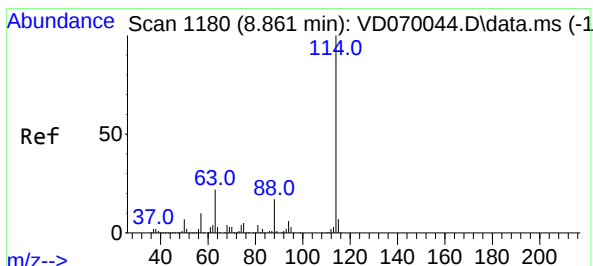
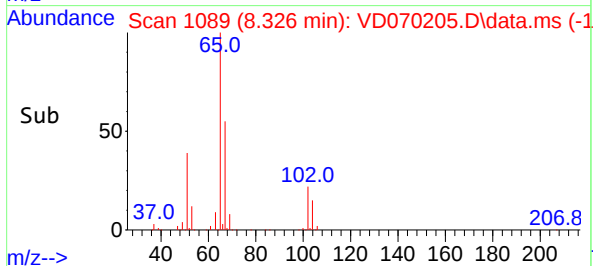
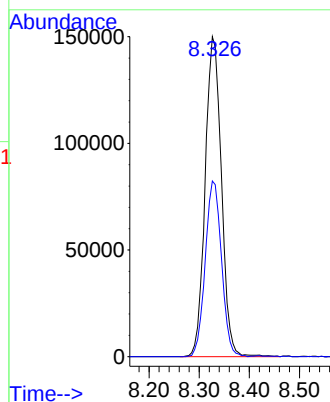
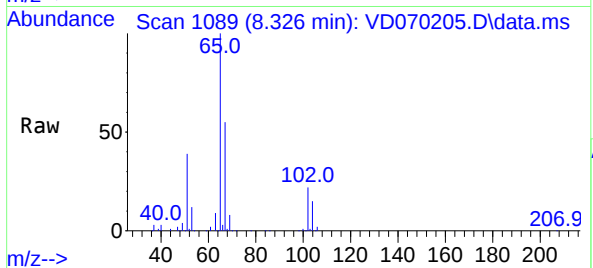




#33
1,2-Dichloroethane-d4
Concen: 54.022 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070205.D
Acq: 20 Aug 2021 16:18

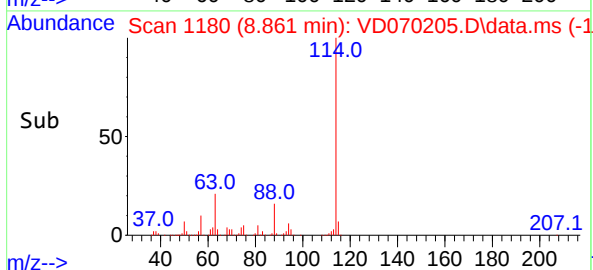
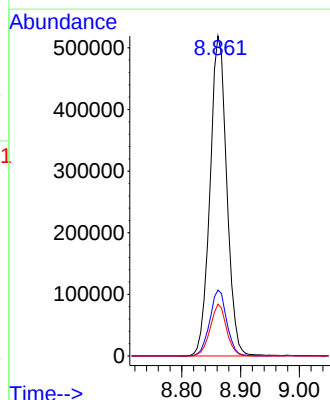
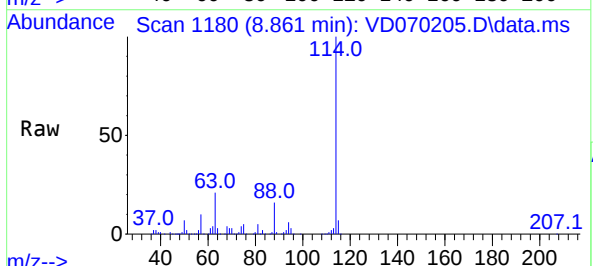
Instrument :
MSVOA_D
ClientSampleId :
TP4

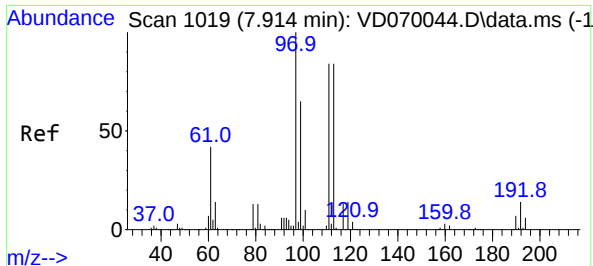
Tgt Ion: 65 Resp: 338366
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070205.D
Acq: 20 Aug 2021 16:18

Tgt Ion:114 Resp: 1027436
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.6
88 16.2 0.0 33.4

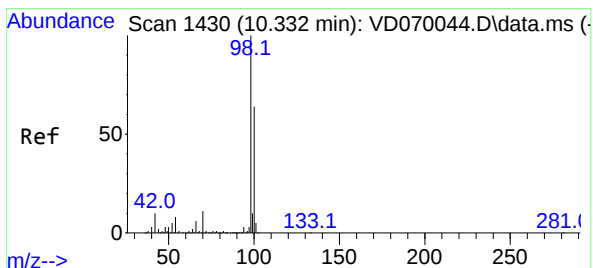
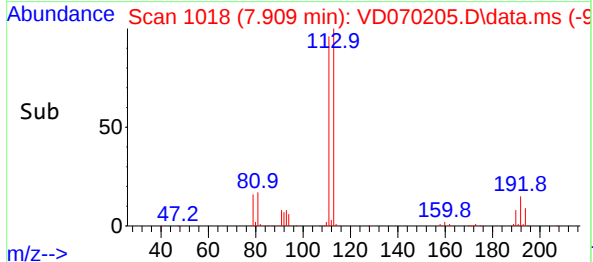
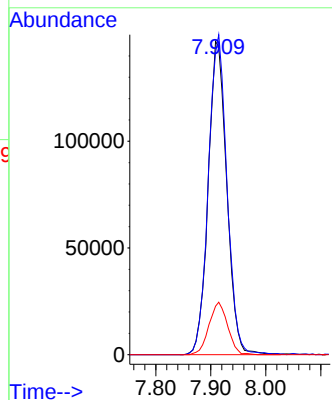
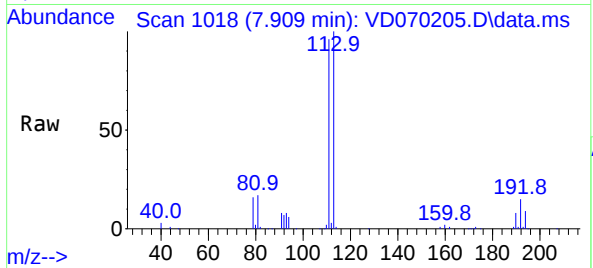




#35
Dibromofluoromethane
Concen: 52.012 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070205.D
Acq: 20 Aug 2021 16:18

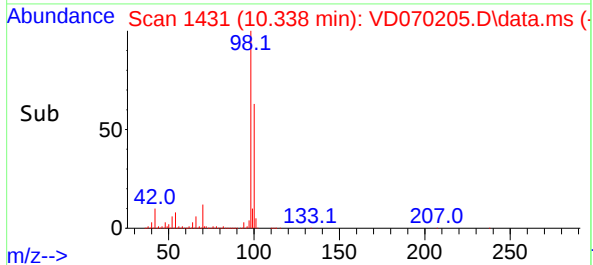
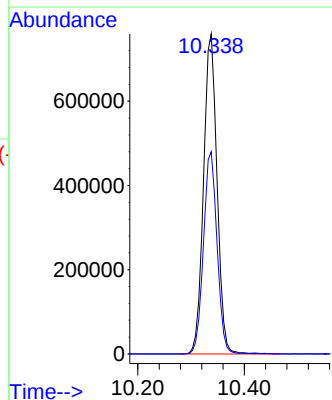
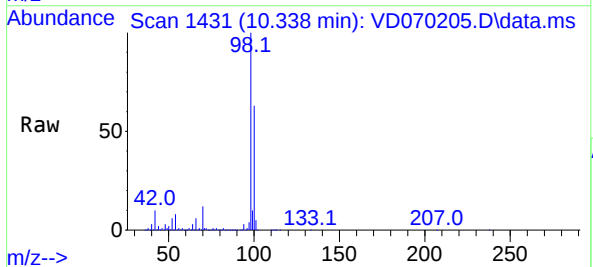
Instrument :
MSVOA_D
ClientSampleId :
TP4

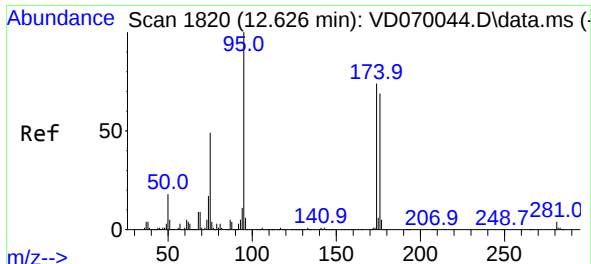
Tgt Ion:113 Resp: 345250
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 16.8 13.2 19.8



#50
Toluene-d8
Concen: 51.807 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070205.D
Acq: 20 Aug 2021 16:18

Tgt Ion: 98 Resp: 1337545
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8

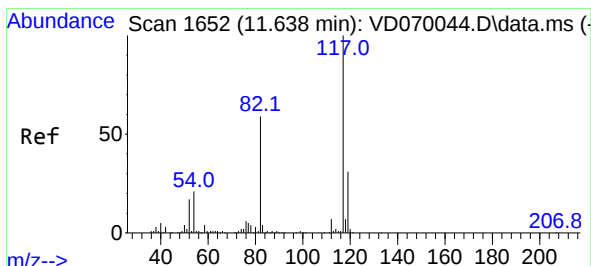
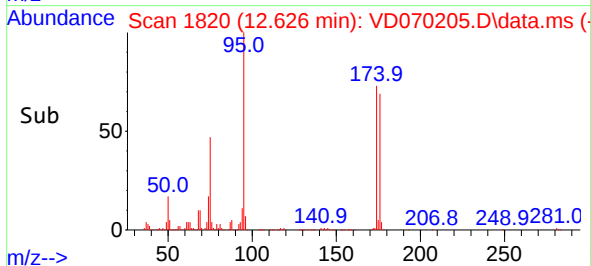
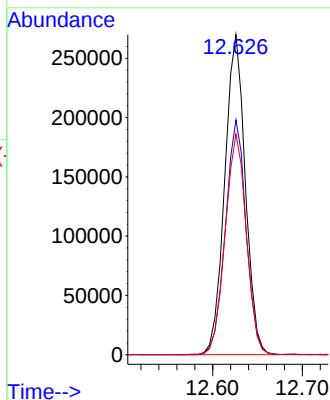
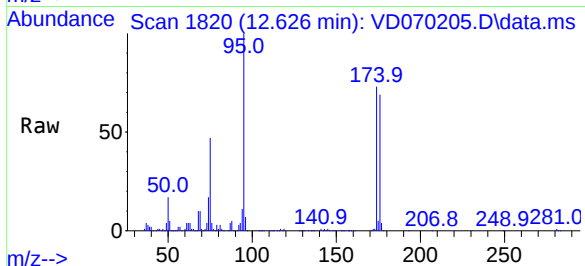




#62
4-Bromofluorobenzene
Concen: 50.478 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070205.D
Acq: 20 Aug 2021 16:18

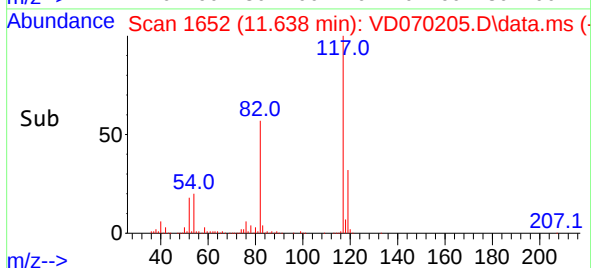
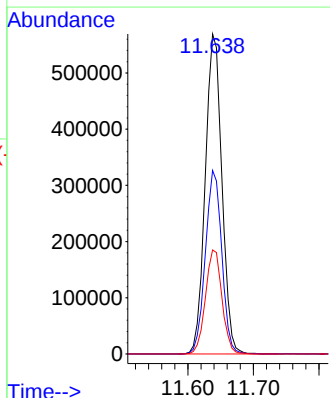
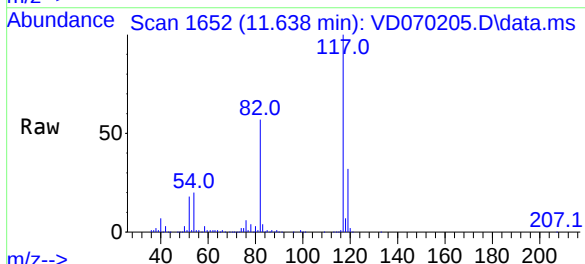
Instrument :
MSVOA_D
ClientSampled :
TP4

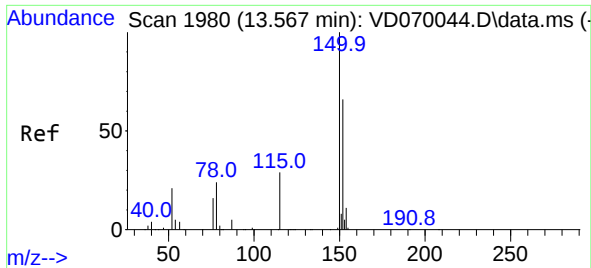
Tgt Ion: 95 Resp: 429250
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.6
176 70.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070205.D
Acq: 20 Aug 2021 16:18

Tgt Ion: 117 Resp: 1005244
Ion Ratio Lower Upper
117 100
82 57.4 47.5 71.3
119 32.5 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070205.D
 Acq: 20 Aug 2021 16:18

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4

Tgt Ion:152 Resp: 430401

Ion	Ratio	Lower	Upper
152	100		
115	60.9	31.2	93.6
150	157.8	0.0	352.0

