

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
 Data File : VD069770.D
 Acq On : 20 Jul 2021 15:22
 Operator : VA/SY
 Sample : M3048-02
 Misc : 5.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-AA1-AA1A-BB1-BB1A

Quant Time: Jul 21 03:25:53 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)

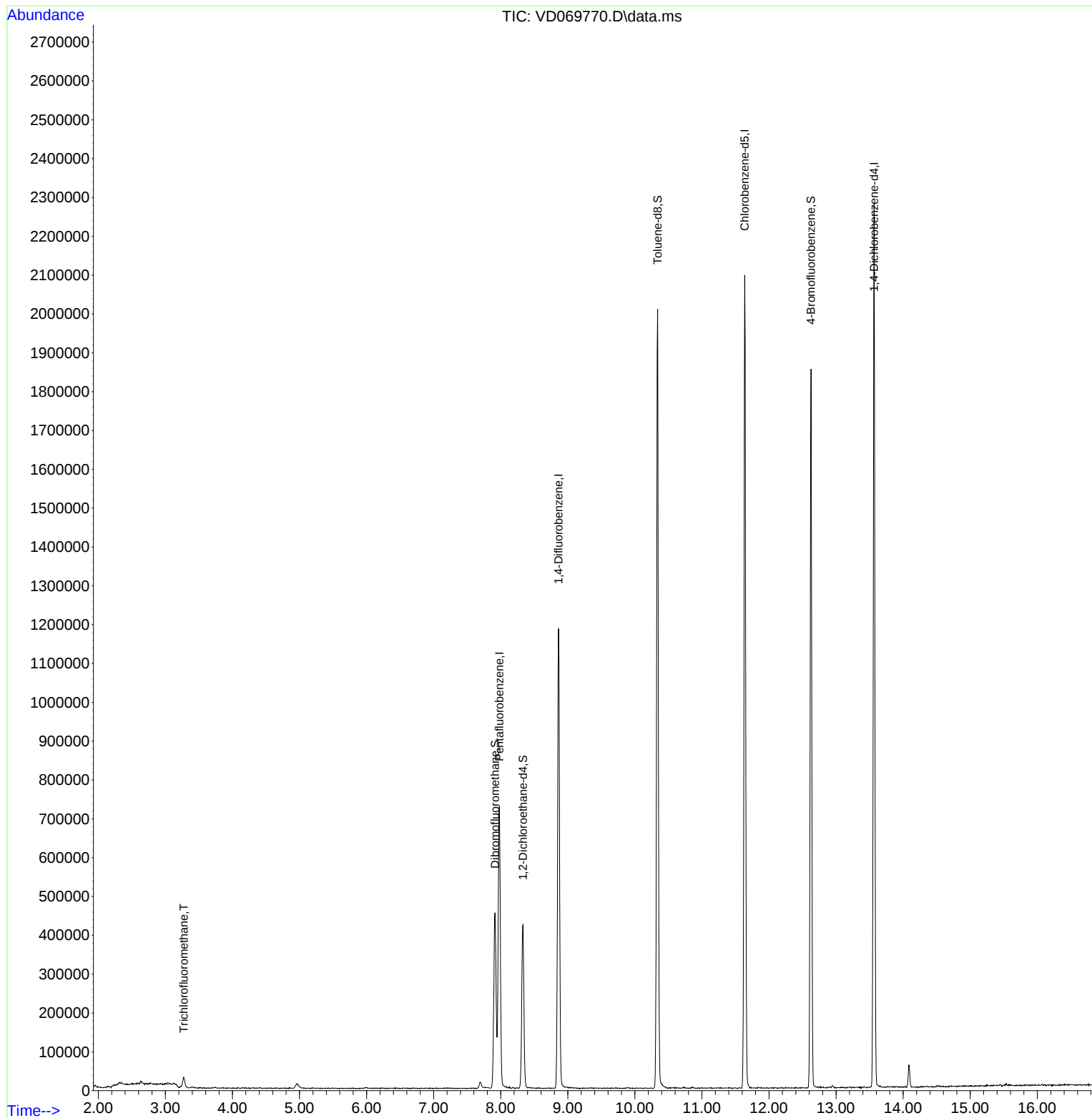
Internal Standards						
1) Pentafluorobenzene	7.979	168	512060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1005868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1214896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	588848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	333008	52.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.160%	
35) Dibromofluoromethane	7.914	113	338679	50.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.380%	
50) Toluene-d8	10.338	98	1362358	51.965	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	12.626	95	584904	66.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 133.800%	
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.273	101	25898	2.636	ug/l	96

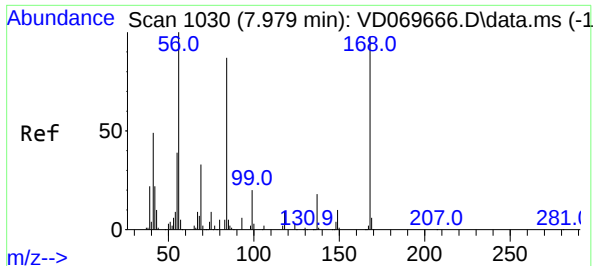
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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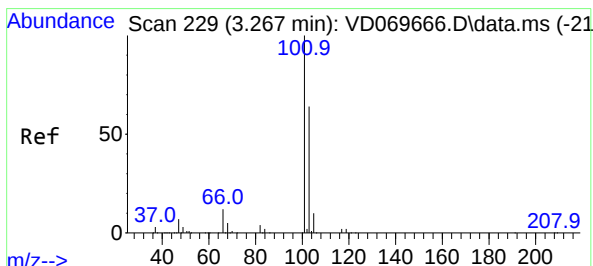
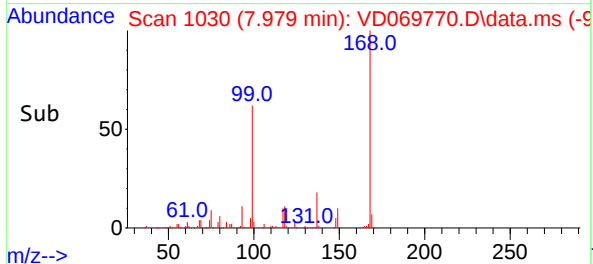
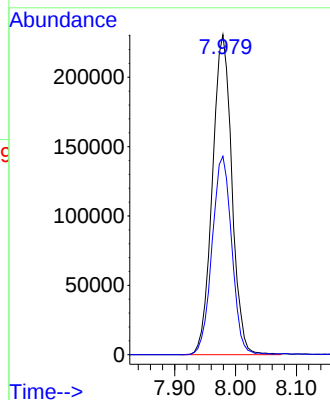
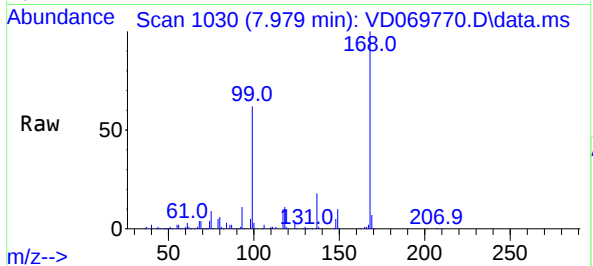




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069770.D
Acq: 20 Jul 2021 15:22

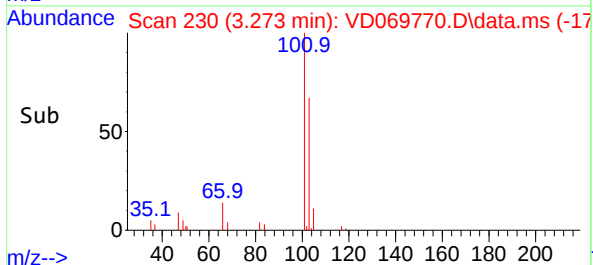
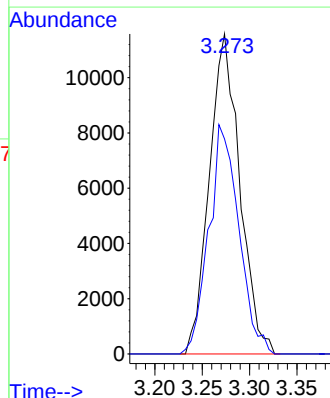
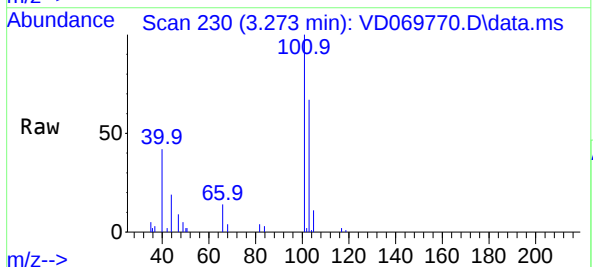
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-AA1-AA1A-BB1-BB1A

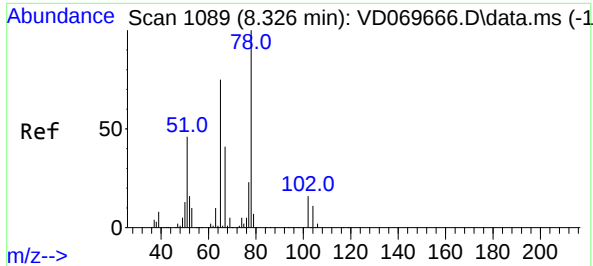
Tgt Ion:168 Resp: 512060
Ion Ratio Lower Upper
168 100
99 62.0 51.8 77.6



#7
Trichlorofluoromethane
Concen: 2.636 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.006 min
Lab File: VD069770.D
Acq: 20 Jul 2021 15:22

Tgt Ion:101 Resp: 25898
Ion Ratio Lower Upper
101 100
103 67.2 51.4 77.0

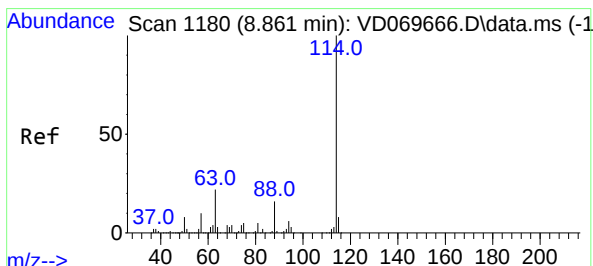
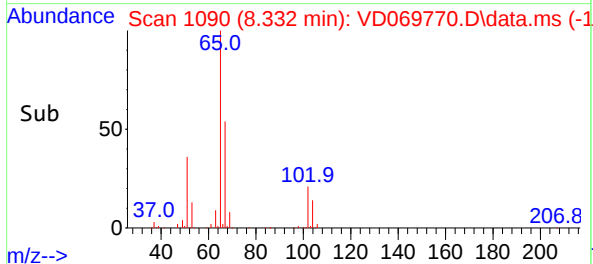
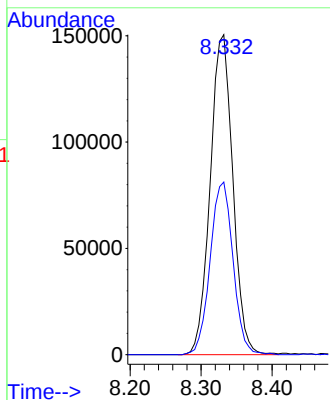
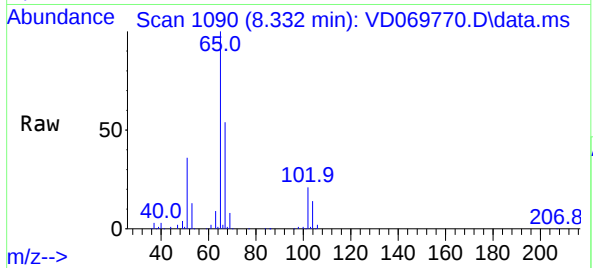




#33
1,2-Dichloroethane-d4
Concen: 52.084 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069770.D
Acq: 20 Jul 2021 15:22

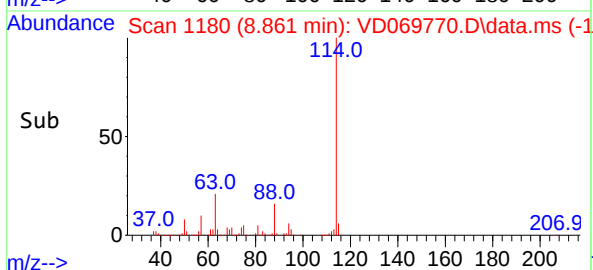
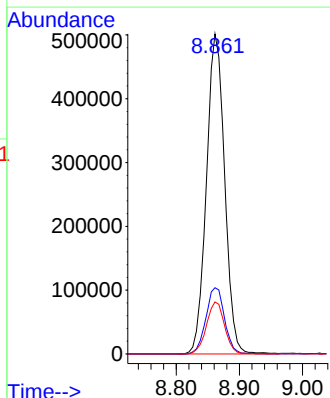
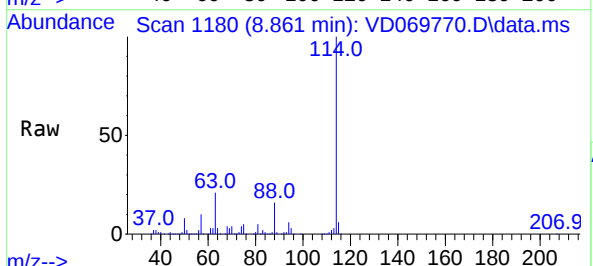
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-AA1-AA1A-BB1-BB1A

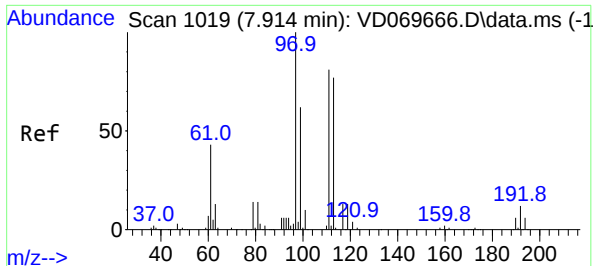
Tgt Ion: 65 Resp: 333008
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069770.D
Acq: 20 Jul 2021 15:22

Tgt Ion:114 Resp: 1005868
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.4
88 16.3 0.0 32.0

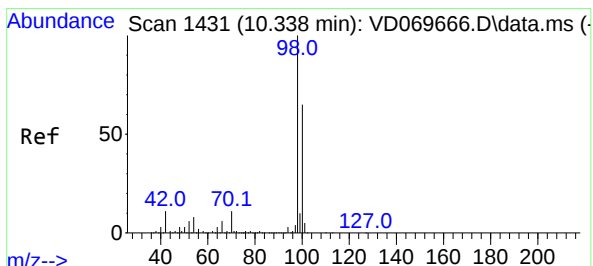
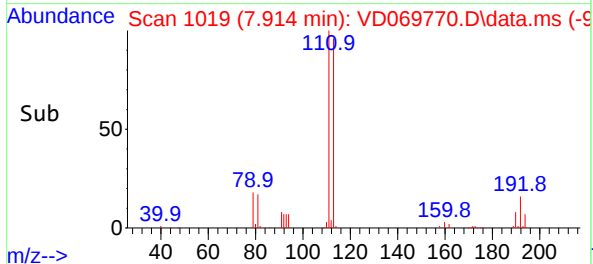
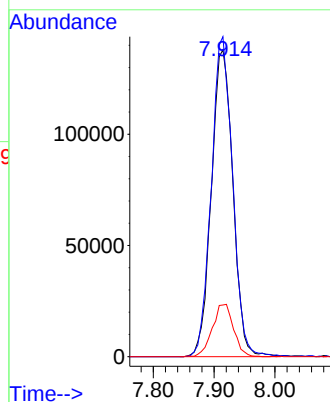
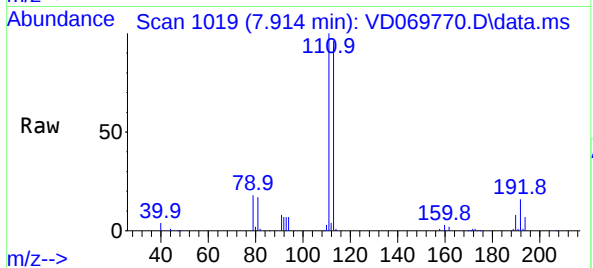




#35
Dibromofluoromethane
Concen: 50.188 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069770.D
Acq: 20 Jul 2021 15:22

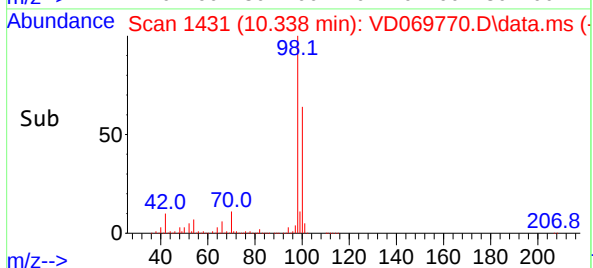
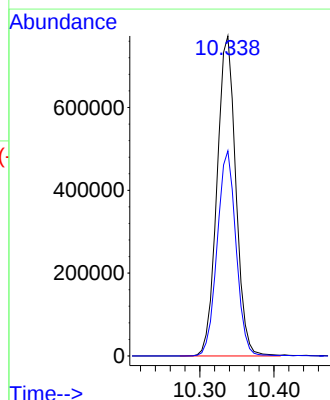
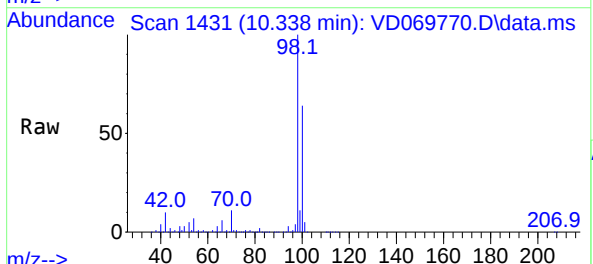
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-AA1-AA1A-BB1-BB1A

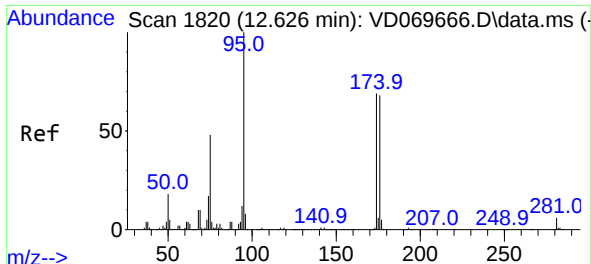
Tgt Ion:113 Resp: 338679
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 16.8 12.7 19.1



#50
Toluene-d8
Concen: 51.965 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069770.D
Acq: 20 Jul 2021 15:22

Tgt Ion: 98 Resp: 1362358
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2

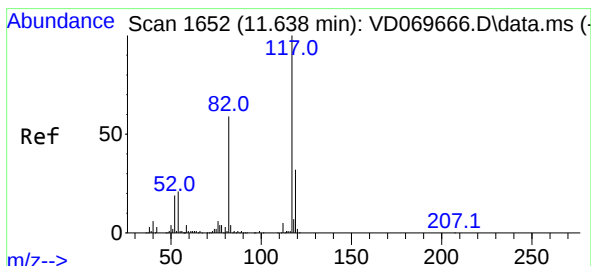
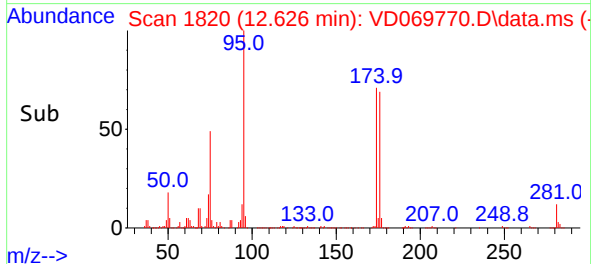
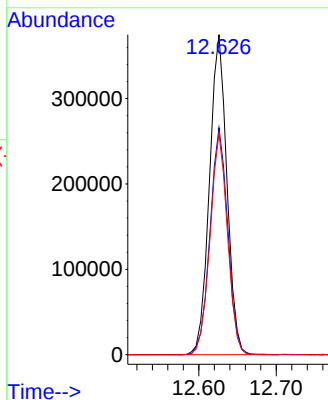
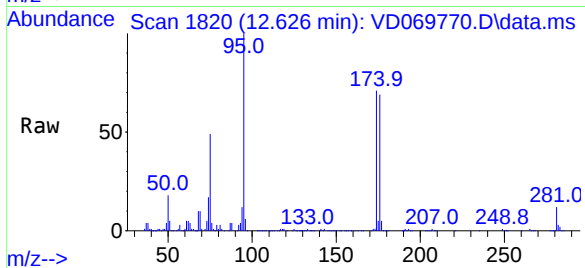




#62
4-Bromofluorobenzene
Concen: 66.896 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069770.D
Acq: 20 Jul 2021 15:22

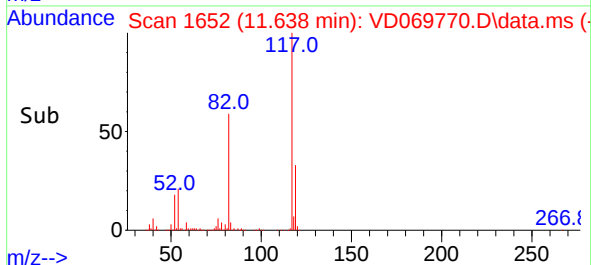
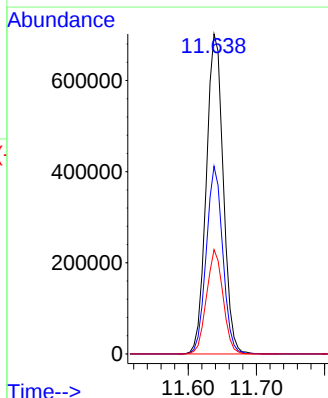
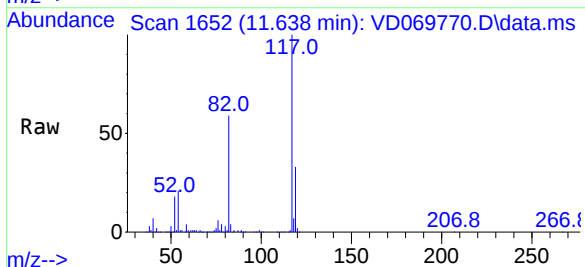
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ClientSampleId :
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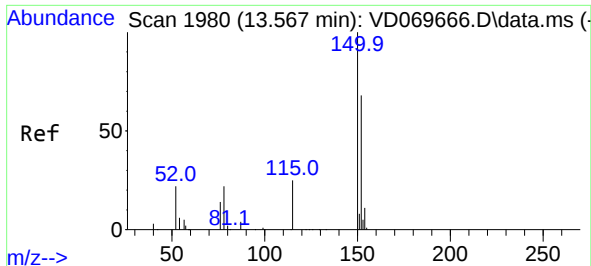
Tgt Ion:	95	Resp:	584904
Ion Ratio	Lower	Upper	
95	100		
174	72.2	0.0	140.0
176	68.9	0.0	136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069770.D
Acq: 20 Jul 2021 15:22

Tgt Ion:	117	Resp:	1214896
Ion Ratio	Lower	Upper	
117	100		
82	58.7	47.4	71.2
119	32.6	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: VD069770.D
 Acq: 20 Jul 2021 15:22

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-AA1-AA1A-BB1-BB1A

Tgt Ion:152 Resp: 588848

Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.7	95.1
150	156.7	0.0	350.4

