

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069373.D
 Acq On : 07 Jun 2021 17:39
 Operator : VA/SY
 Sample : M2625-01
 Misc : 6.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(138-142)

Quant Time: Jun 08 04:23:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

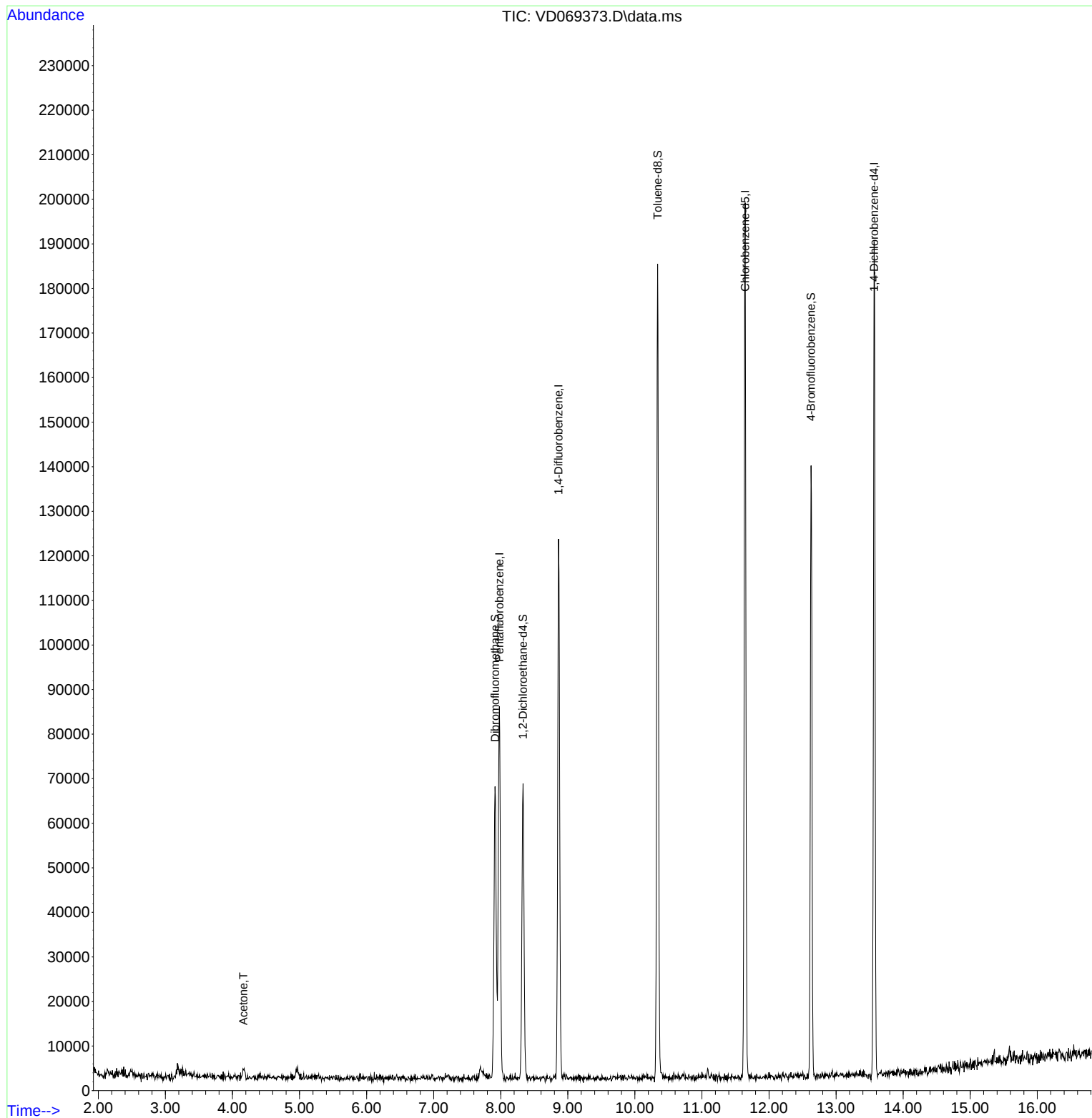
Internal Standards						
1) Pentafluorobenzene	7.979	168	62796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	107161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	117269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	53568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	54083	89.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.520%#	
35) Dibromofluoromethane	7.914	113	47851	71.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 142.220%	
50) Toluene-d8	10.338	98	134273	54.871	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.740%	
62) 4-Bromofluorobenzene	12.626	95	44957	56.067	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.140%	
Target Compounds						
16) Acetone	4.162	43	2684	25.526	ug/l	Qvalue # 79

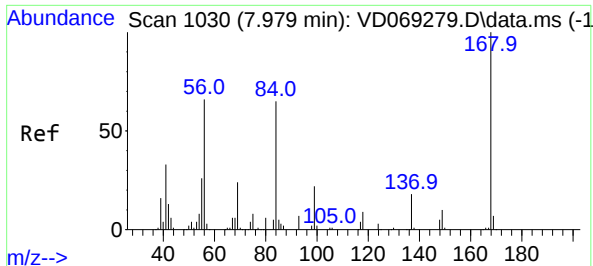
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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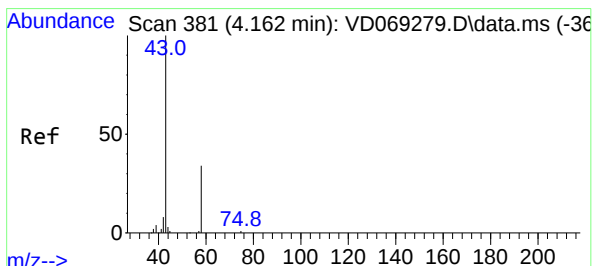
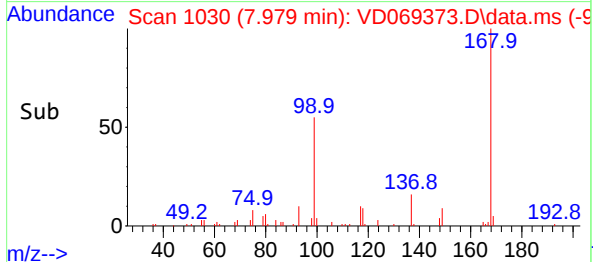
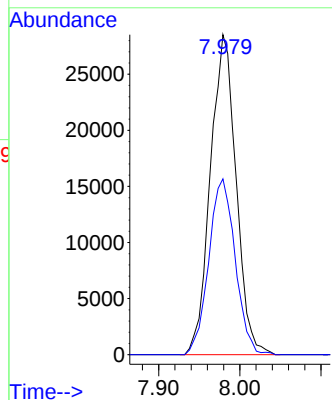
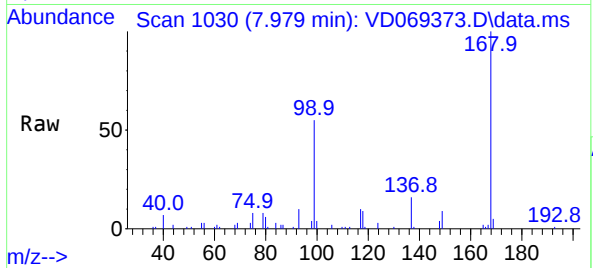




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

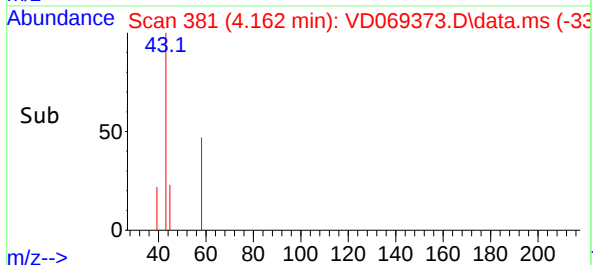
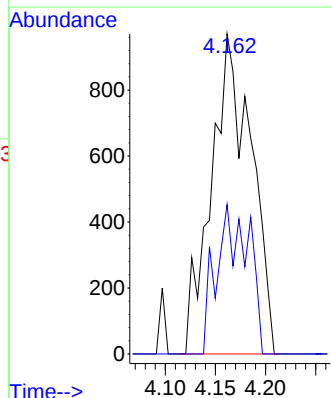
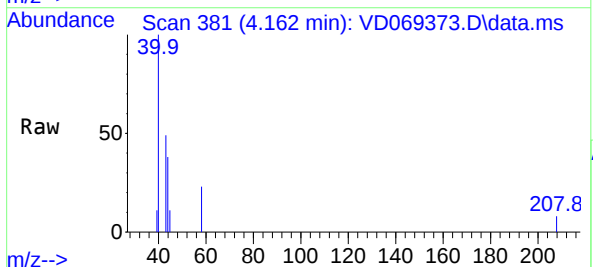
Instrument :
MSVOA_D
ClientSampleId :
18-B12(138-142)

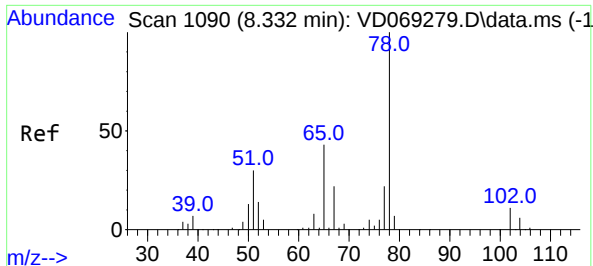
Tgt Ion:168 Resp: 62796
Ion Ratio Lower Upper
168 100
99 54.9 46.2 69.2



#16
Acetone
Concen: 25.526 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Tgt Ion: 43 Resp: 2684
Ion Ratio Lower Upper
43 100
58 46.7 27.5 41.3#

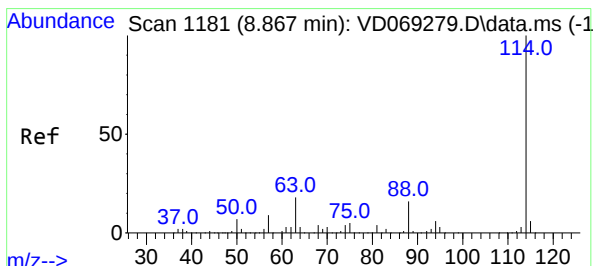
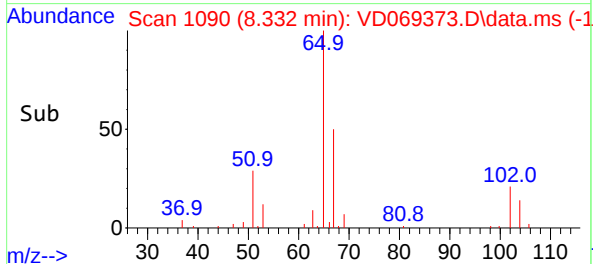
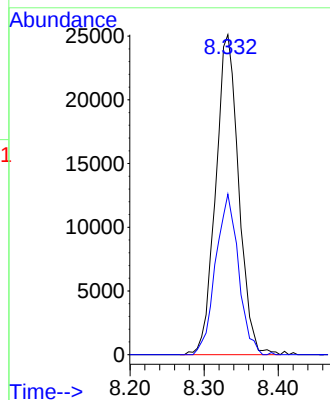
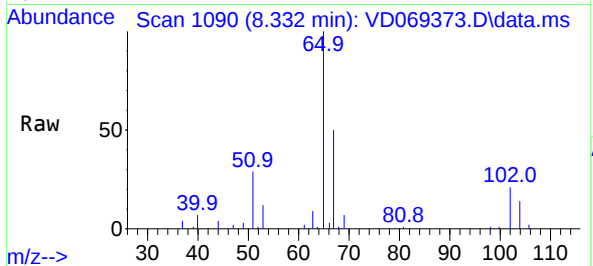




#33
1,2-Dichloroethane-d4
Concen: 89.758 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

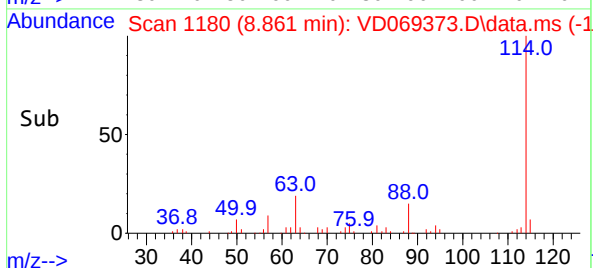
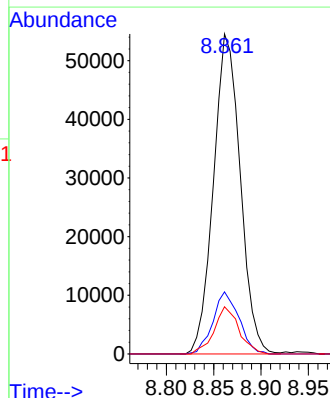
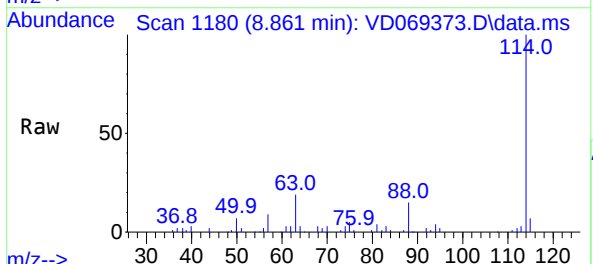
Instrument :
MSVOA_D
ClientSampleId :
18-B12(138-142)

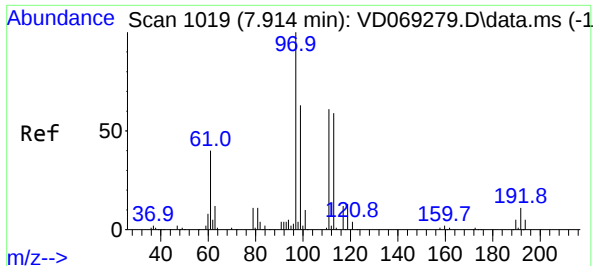
Tgt Ion: 65 Resp: 54083
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Tgt Ion: 114 Resp: 107161
Ion Ratio Lower Upper
114 100
63 19.4 0.0 35.6
88 14.7 0.0 31.2

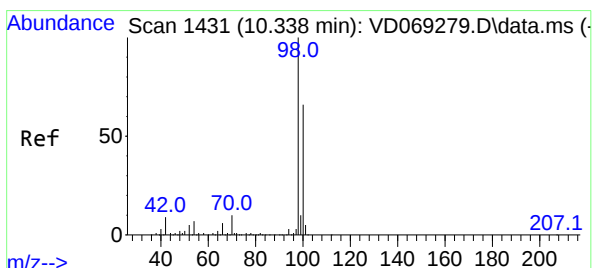
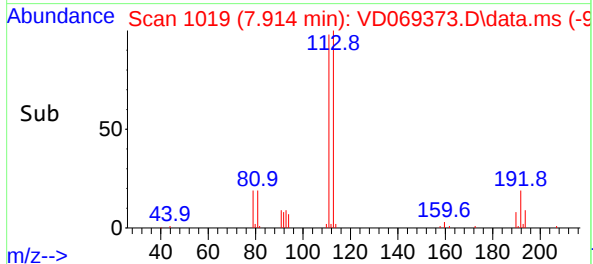
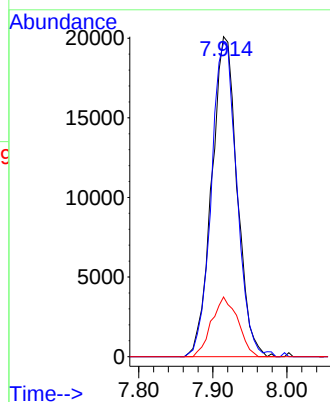
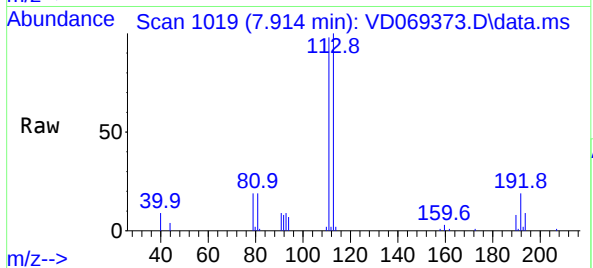




#35
Dibromofluoromethane
Concen: 71.107 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

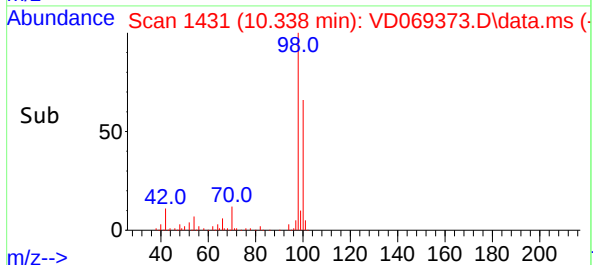
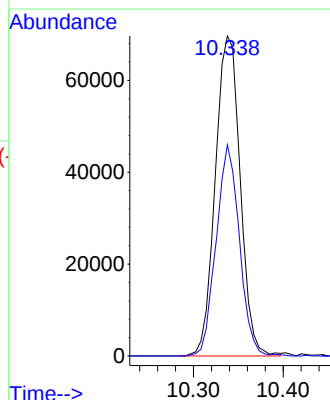
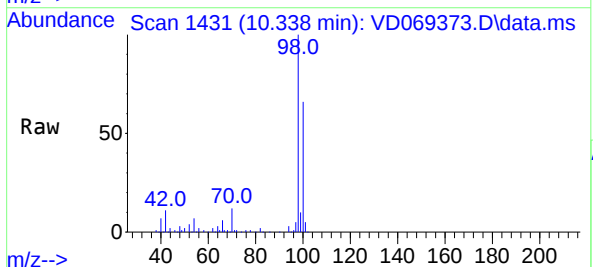
Instrument :
MSVOA_D
ClientSampleId :
18-B12(138-142)

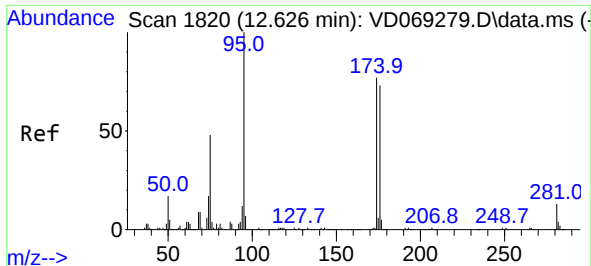
Tgt Ion:113 Resp: 47851
Ion Ratio Lower Upper
113 100
111 98.7 83.0 124.6
192 19.2 15.1 22.7



#50
Toluene-d8
Concen: 54.871 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Tgt Ion: 98 Resp: 134273
Ion Ratio Lower Upper
98 100
100 61.7 52.1 78.1



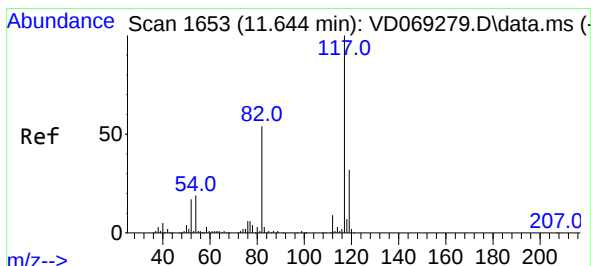
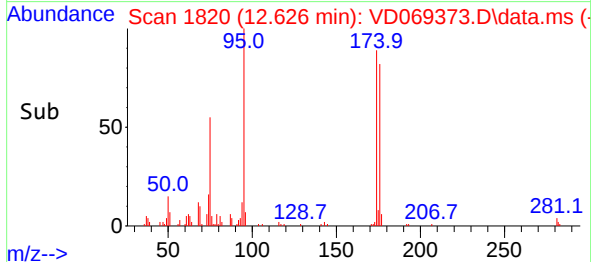
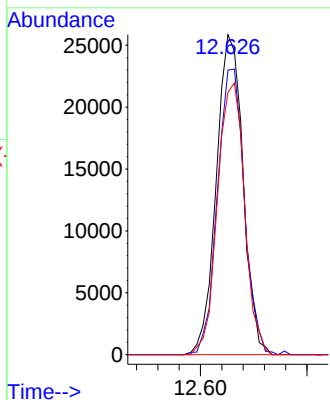
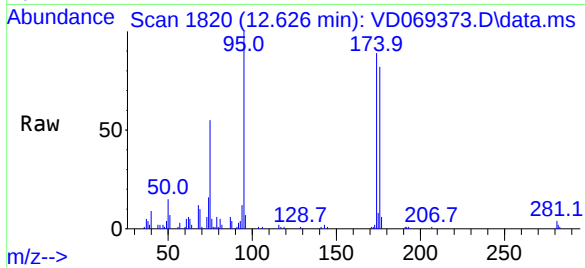


#62
4-Bromofluorobenzene
Concen: 56.067 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Instrument :
MSVOA_D
ClientSampleId :
18-B12(138-142)

Tgt Ion: 95 Resp: 44957

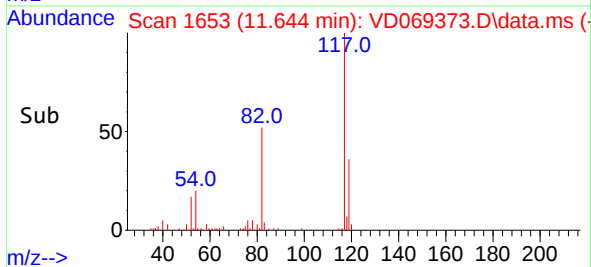
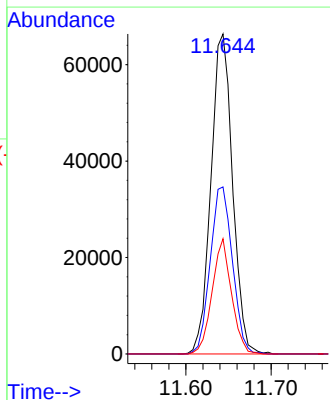
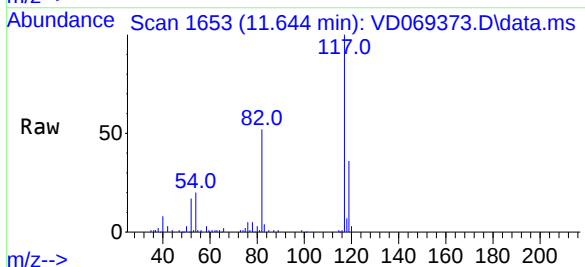
Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	162.8
176	85.8	0.0	154.4

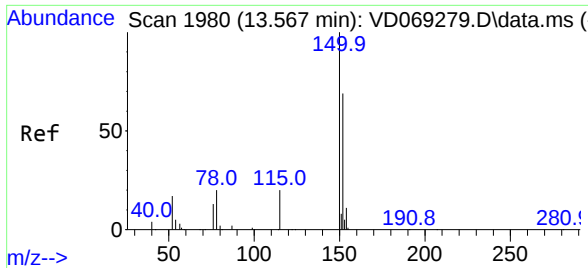


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Tgt Ion: 117 Resp: 117269

Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.3	64.9
119	36.0	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069373.D
 Acq: 07 Jun 2021 17:39

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 ClientSampleId :
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Tgt Ion:	152	Resp:	53568
Ion	Ratio	Lower	Upper
152	100		
115	56.0	29.4	88.3
150	157.8	0.0	355.0

