

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060921\
 Data File : VD069407.D
 Acq On : 09 Jun 2021 16:26
 Operator : VA/SY
 Sample : M2660-01
 Misc : 6.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-060921

Quant Time: Jun 10 04:03:50 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)

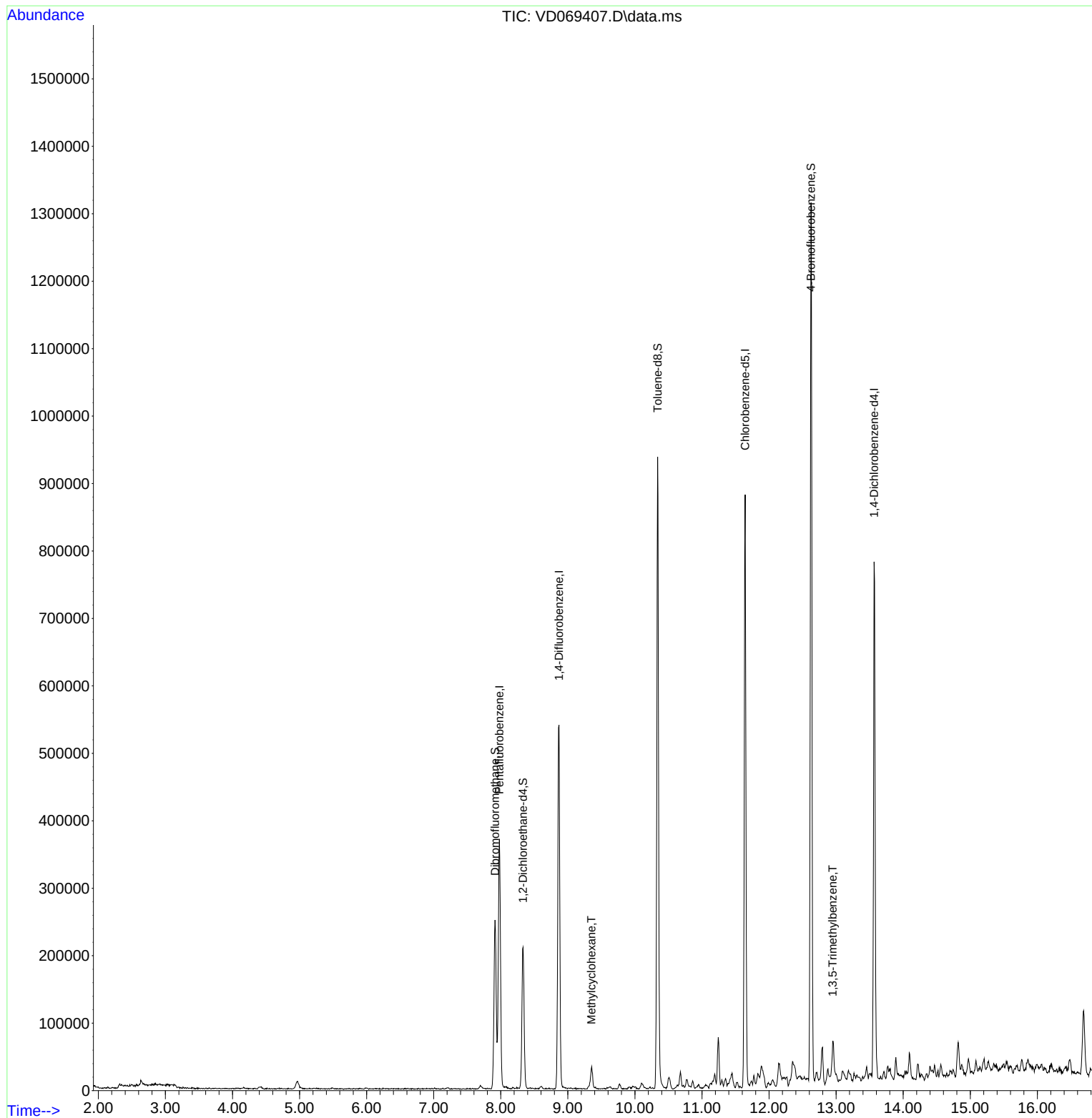
Internal Standards						
1) Pentafluorobenzene	7.979	168	270975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	493700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	518588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	213632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	170748	65.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.340%	
35) Dibromofluoromethane	7.914	113	180650	58.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.540%	
50) Toluene-d8	10.338	98	632215	56.078	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.160%	
62) 4-Bromofluorobenzene	12.626	95	231575	62.687	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 125.380%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.349	83	12170	2.479	ug/l #	86
80) 1,3,5-Trimethylbenzene	12.949	105	15602	1.260	ug/l	87

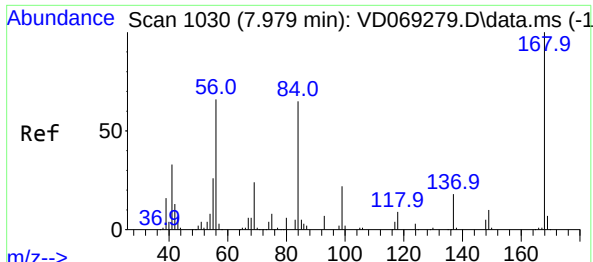
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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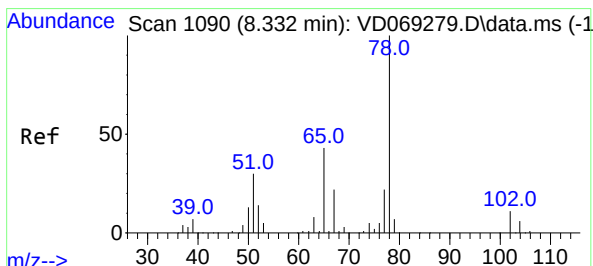
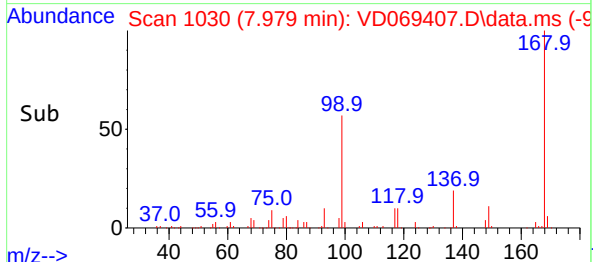
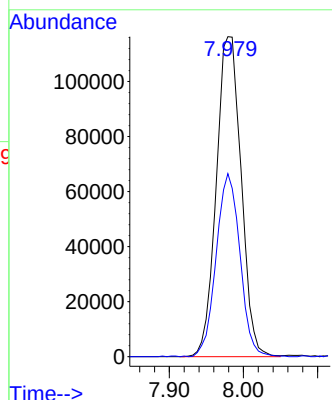
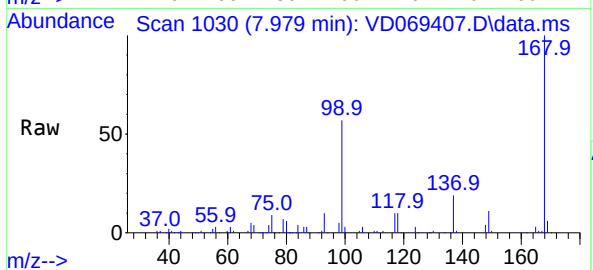




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069407.D
Acq: 09 Jun 2021 16:26

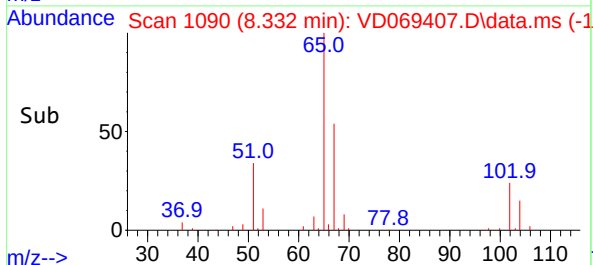
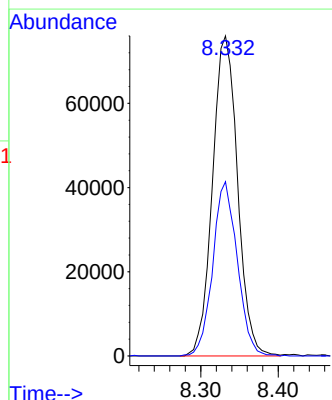
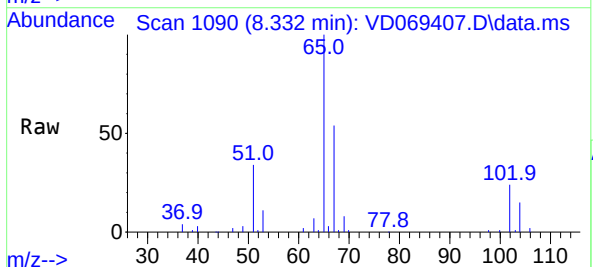
Instrument :
MSVOA_D
ClientSampleId :
OR-03-060921

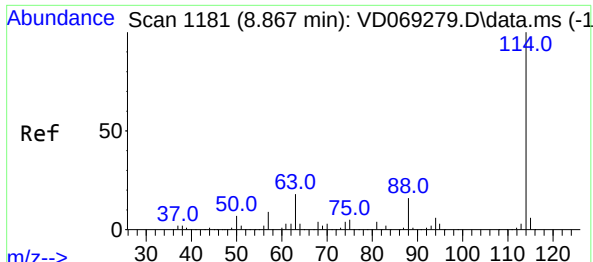
Tgt Ion:168 Resp: 270975
Ion Ratio Lower Upper
168 100
99 57.2 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 65.671 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069407.D
Acq: 09 Jun 2021 16:26

Tgt Ion: 65 Resp: 170748
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069407.D

Acq: 09 Jun 2021 16:26

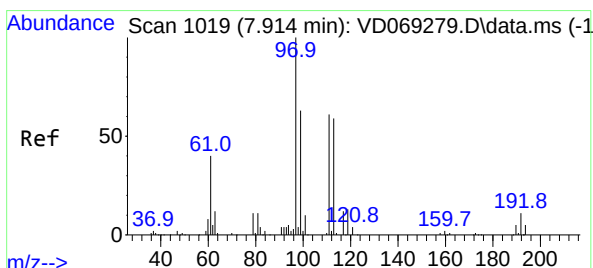
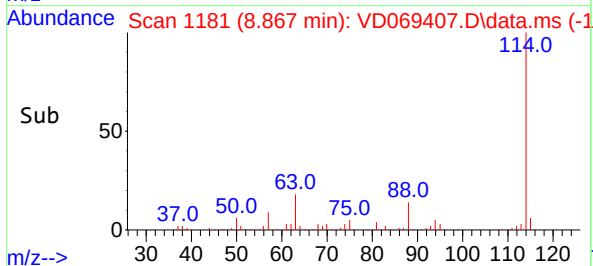
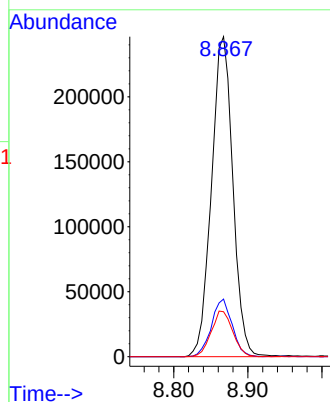
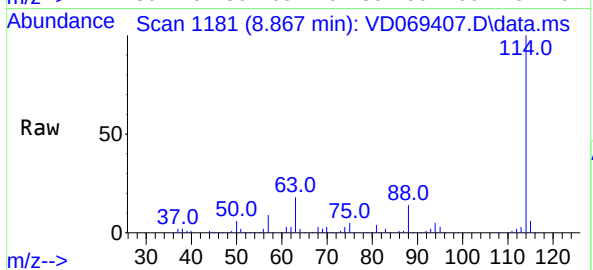
Tgt Ion:114 Resp: 493700

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

88 14.1 0.0 31.2



#35

Dibromofluoromethane

Concen: 58.268 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069407.D

Acq: 09 Jun 2021 16:26

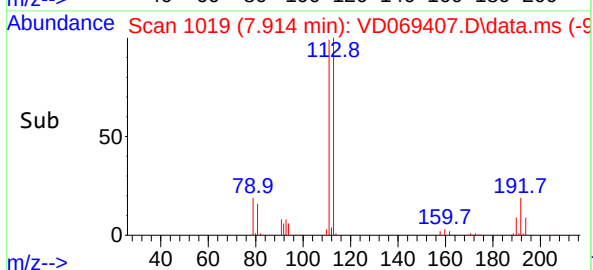
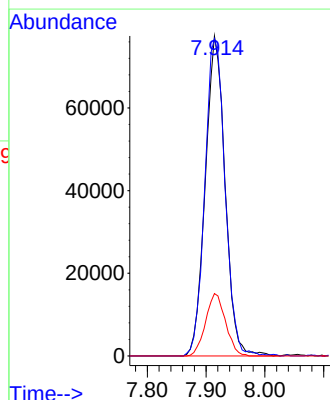
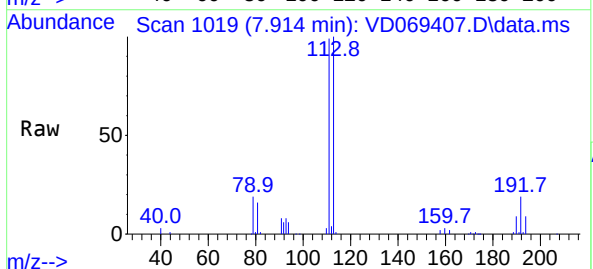
Tgt Ion:113 Resp: 180650

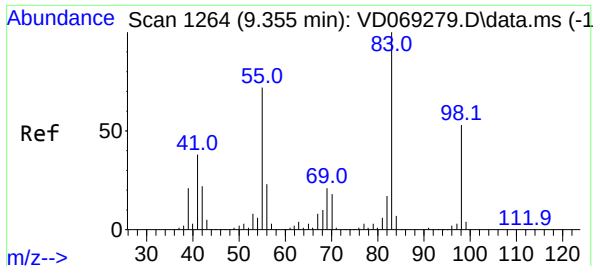
Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.6

192 19.6 15.1 22.7





#39

Methylcyclohexane

Concen: 2.479 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VD069407.D

Acq: 09 Jun 2021 16:26

Tgt Ion: 83 Resp: 12170

Ion Ratio Lower Upper

83 100

55 76.2 57.4 86.2

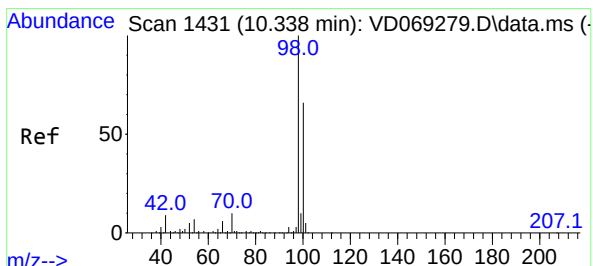
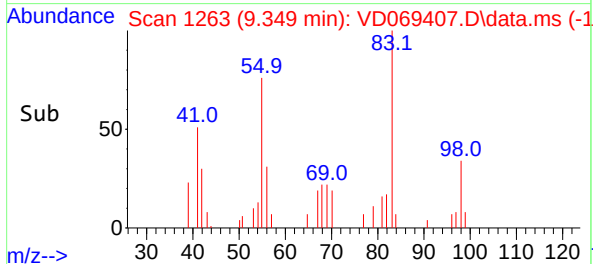
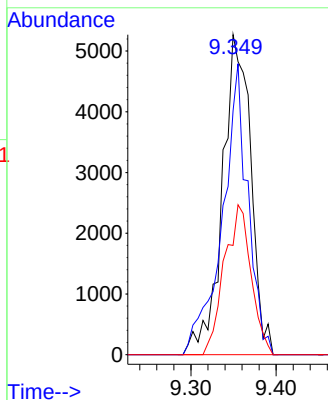
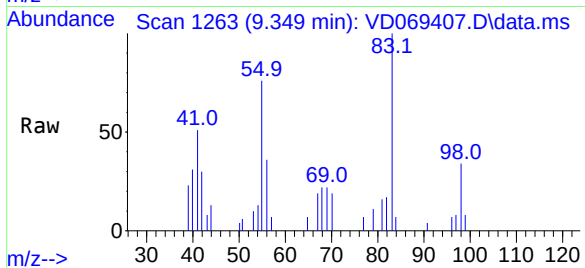
98 34.1 42.2 63.2#

Instrument :

MSVOA_D

ClientSampleId :

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#50

Toluene-d8

Concen: 56.078 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069407.D

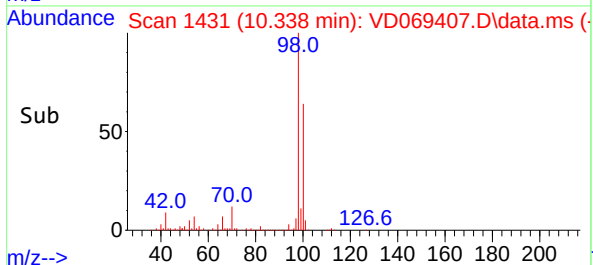
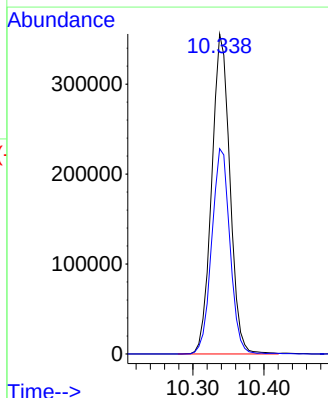
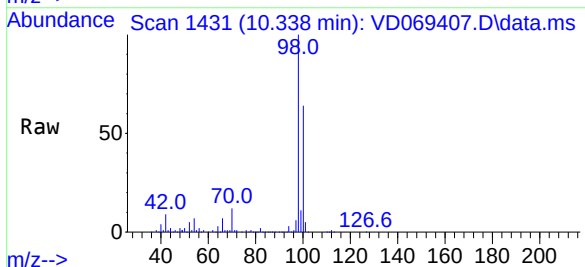
Acq: 09 Jun 2021 16:26

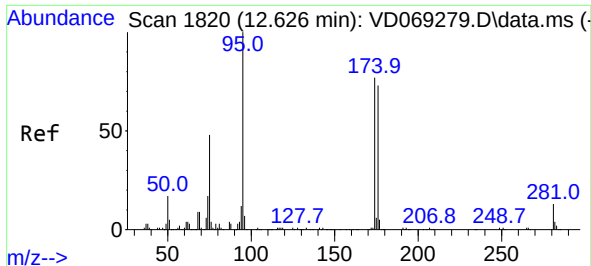
Tgt Ion: 98 Resp: 632215

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1

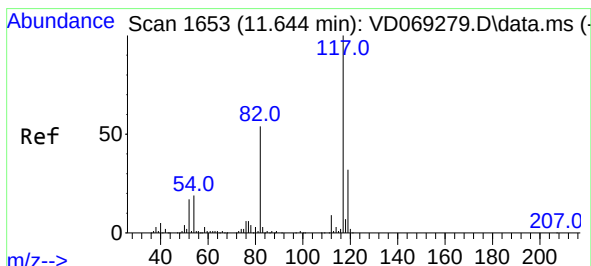
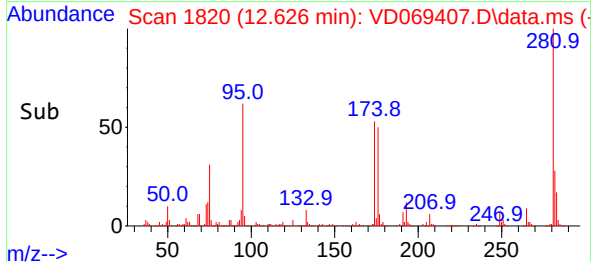
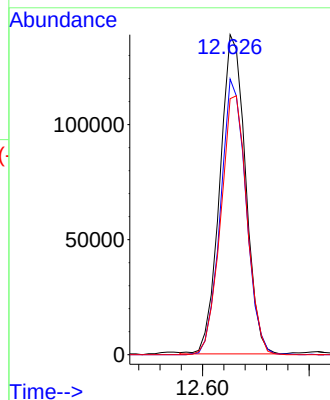
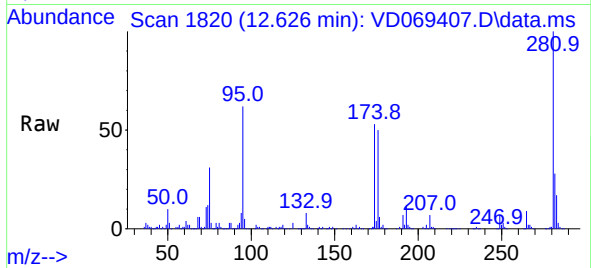




#62
4-Bromofluorobenzene
Concen: 62.687 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069407.D
Acq: 09 Jun 2021 16:26

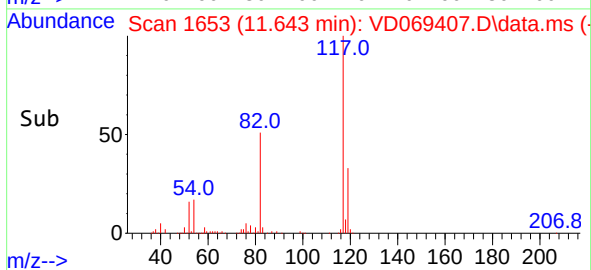
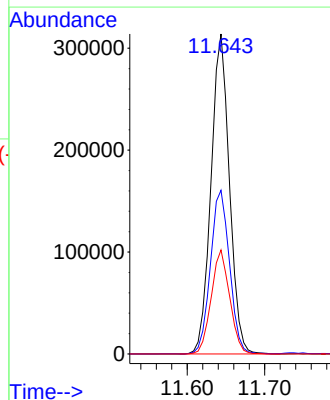
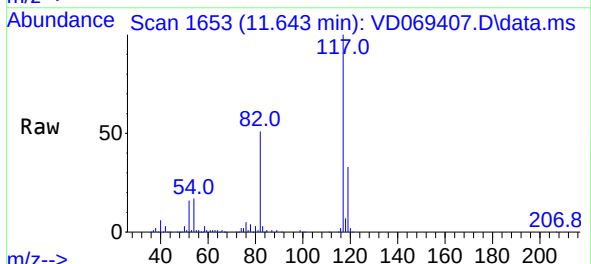
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OR-03-060921

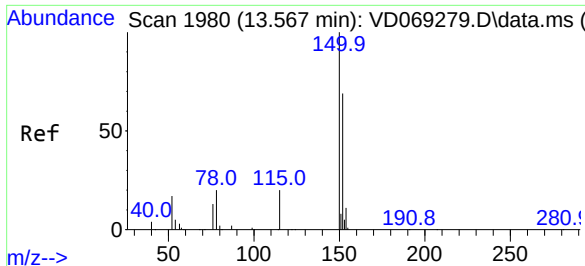
Tgt Ion: 95 Resp: 231575
Ion Ratio Lower Upper
95 100
174 85.6 0.0 162.8
176 82.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069407.D
Acq: 09 Jun 2021 16:26

Tgt Ion: 117 Resp: 518588
Ion Ratio Lower Upper
117 100
82 51.2 43.3 64.9
119 32.5 25.3 37.9

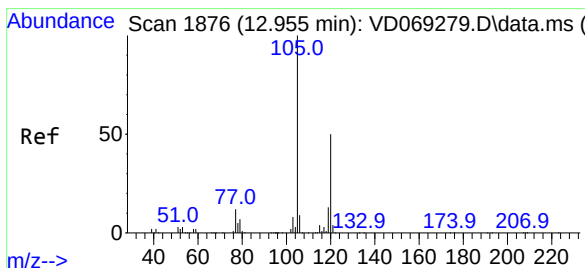
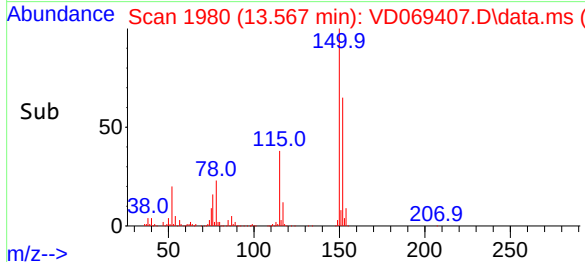
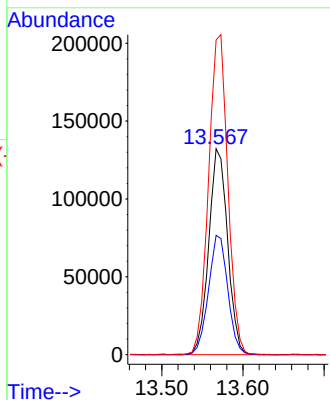
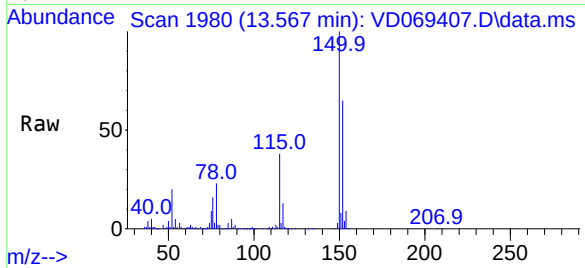




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069407.D
Acq: 09 Jun 2021 16:26

Instrument :
MSVOA_D
ClientSampleId :
OR-03-060921

Tgt Ion:152 Resp: 213632
Ion Ratio Lower Upper
152 100
115 59.4 29.4 88.3
150 158.4 0.0 355.0



#80
1,3,5-Trimethylbenzene
Concen: 1.260 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VD069407.D
Acq: 09 Jun 2021 16:26

Tgt Ion:105 Resp: 15602
Ion Ratio Lower Upper
105 100
120 58.7 24.9 74.7

