

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070915.D
 Acq On : 03 Nov 2021 17:29
 Operator : VA/SY
 Sample : M4475-05
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB03

Quant Time: Nov 03 22:12:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

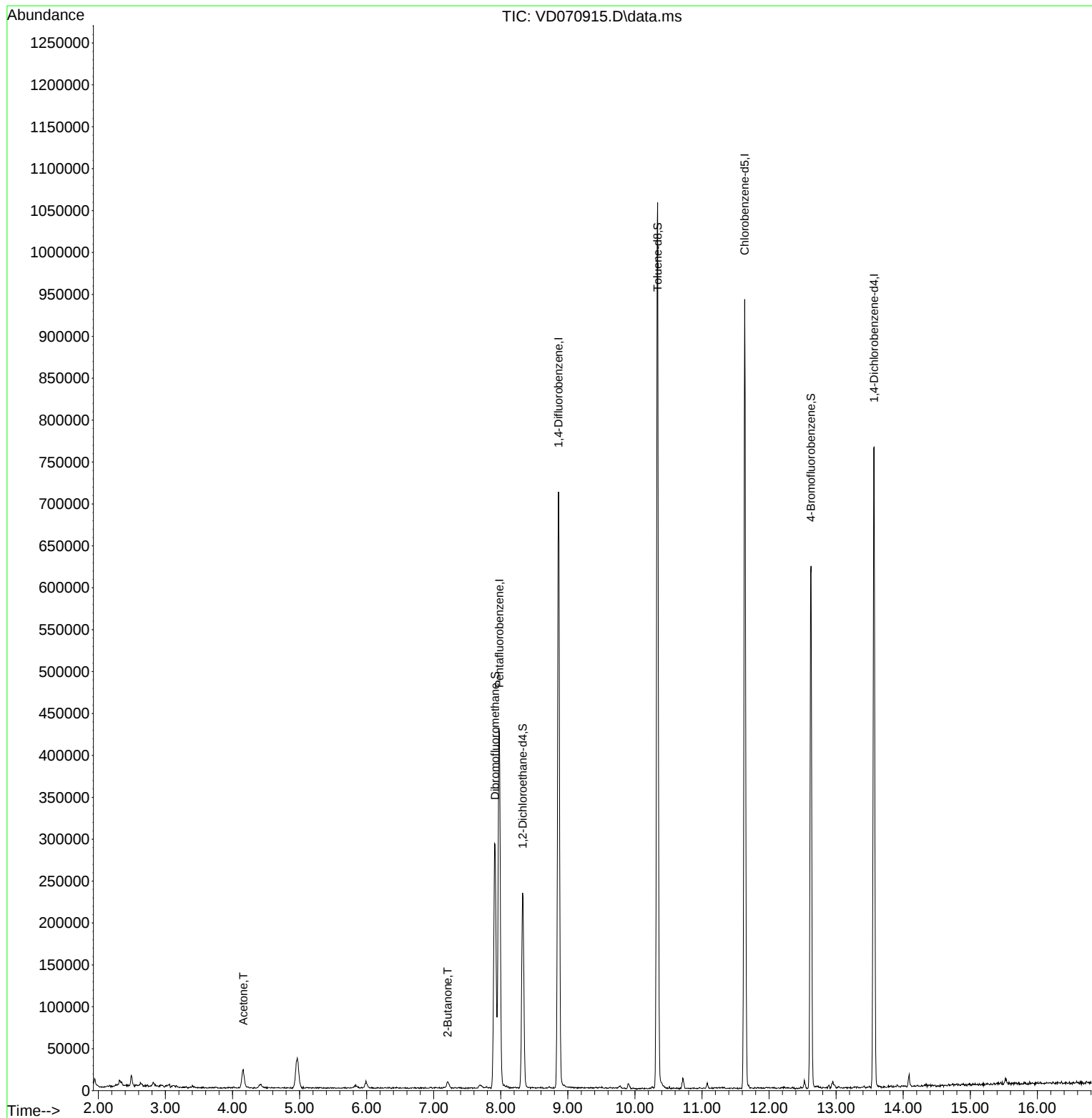
Internal Standards						
1) Pentafluorobenzene	7.979	168	335044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	625072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	605943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	236947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	183002	54.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.620%	
35) Dibromofluoromethane	7.914	113	222148	53.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.800%	
50) Toluene-d8	10.338	98	771170	49.736	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.480%	
62) 4-Bromofluorobenzene	12.626	95	219923	42.988	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.980%	
Target Compounds						
						Qvalue
16) Acetone	4.161	43	35823	45.694	ug/l	100
25) 2-Butanone	7.208	43	11211	11.619	ug/l	98

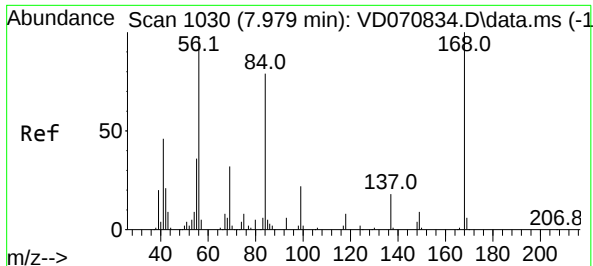
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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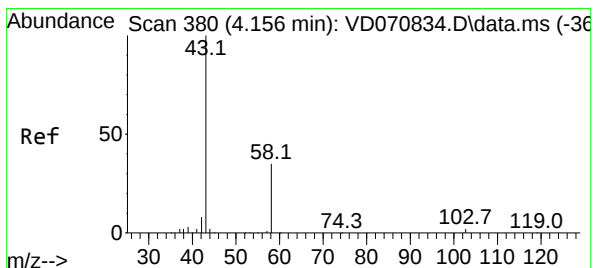
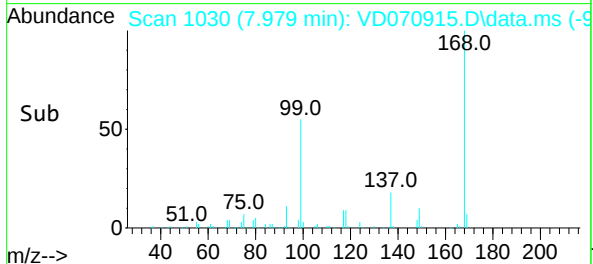
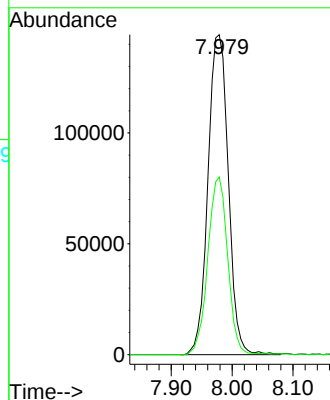
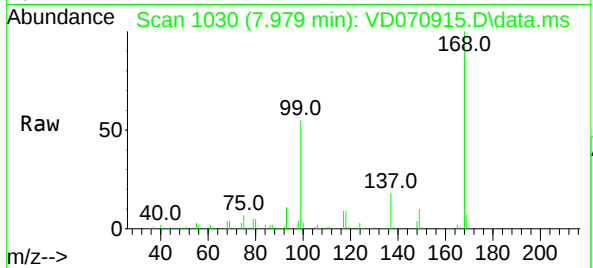




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070915.D
Acq: 03 Nov 2021 17:29

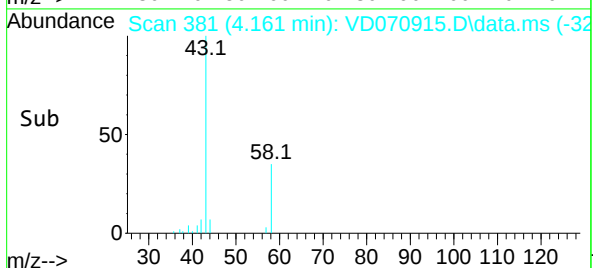
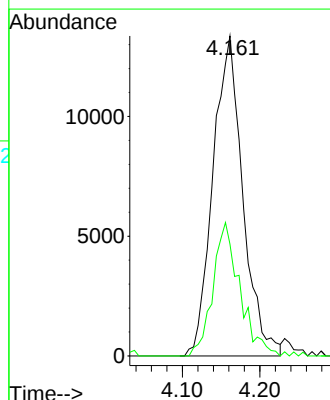
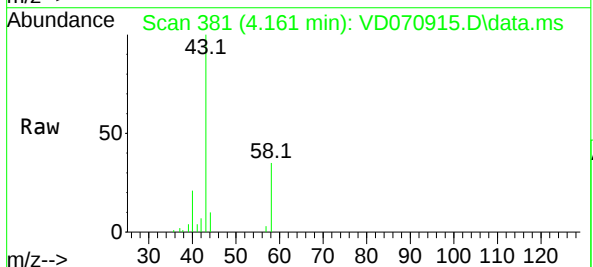
Instrument :
MSVOA_D
ClientSampleId :
SB03

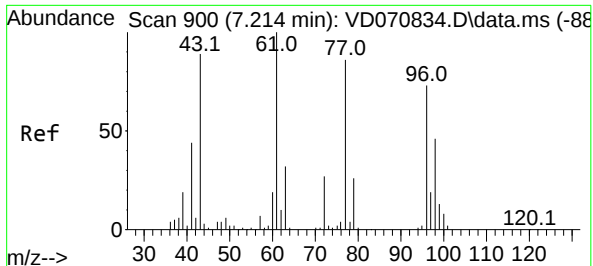
Tgt Ion:168 Resp: 335044
Ion Ratio Lower Upper
168 100
99 55.5 46.6 69.8



#16
Acetone
Concen: 45.694 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070915.D
Acq: 03 Nov 2021 17:29

Tgt Ion: 43 Resp: 35823
Ion Ratio Lower Upper
43 100
58 34.9 27.8 41.8

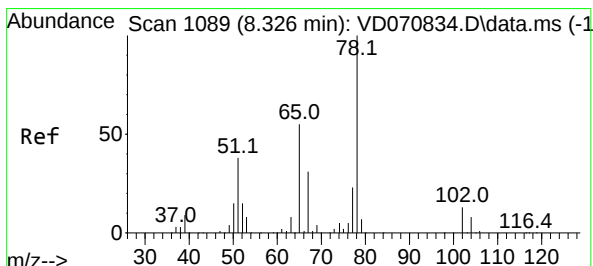
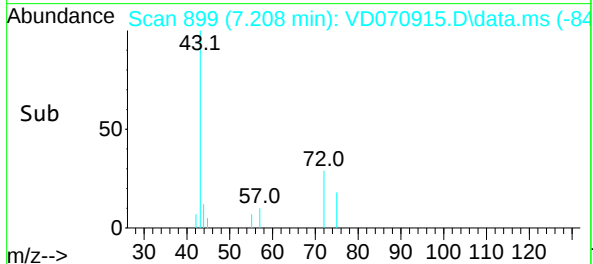
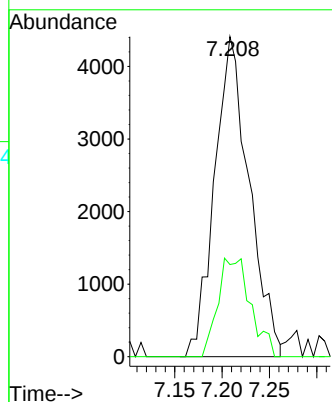
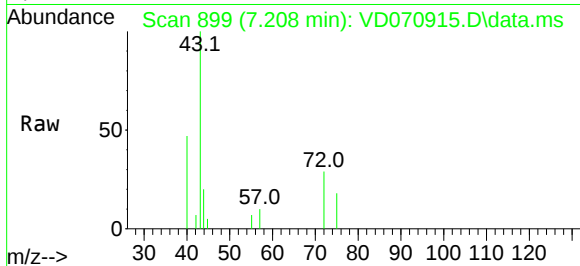




#25
2-Butanone
Concen: 11.619 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD070915.D
Acq: 03 Nov 2021 17:29

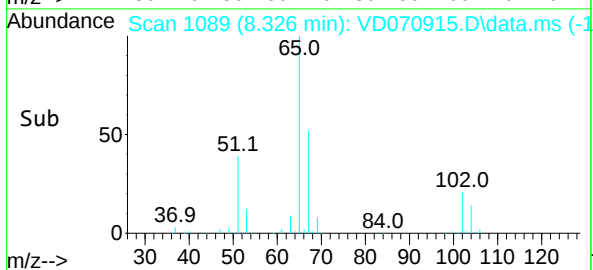
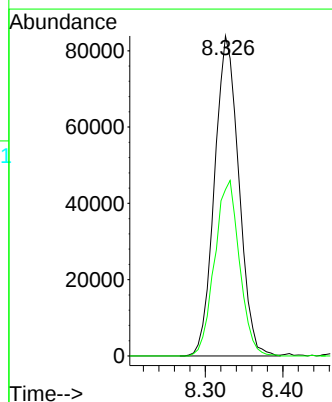
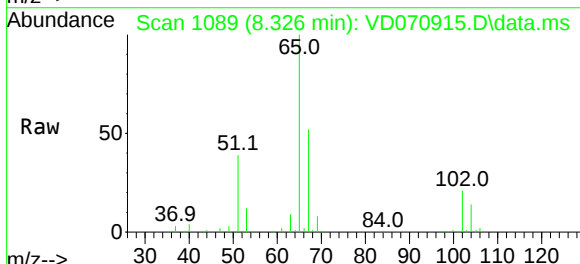
Instrument :
MSVOA_D
ClientSampleId :
SB03

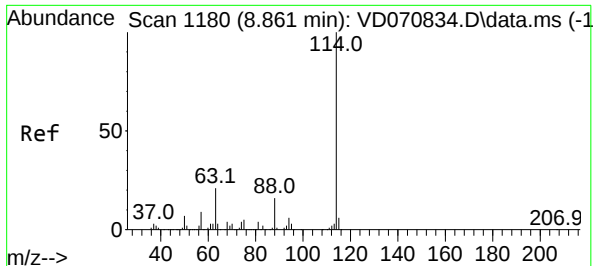
Tgt Ion: 43 Resp: 11211
Ion Ratio Lower Upper
43 100
72 28.8 23.8 35.6



#33
1,2-Dichloroethane-d4
Concen: 54.308 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070915.D
Acq: 03 Nov 2021 17:29

Tgt Ion: 65 Resp: 183002
Ion Ratio Lower Upper
65 100
67 56.1 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070915.D

Acq: 03 Nov 2021 17:29

Instrument :

MSVOA_D

ClientSampleId :

SB03

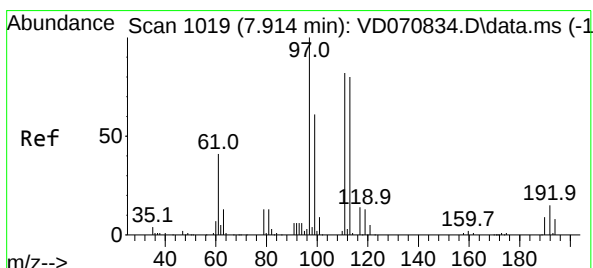
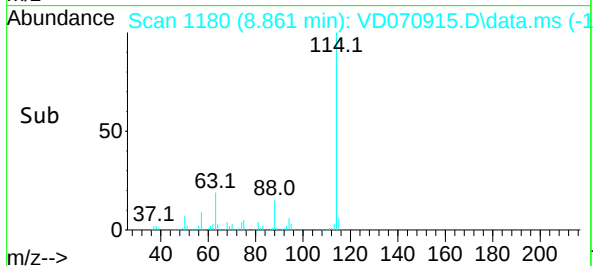
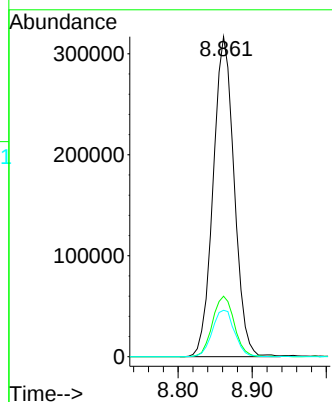
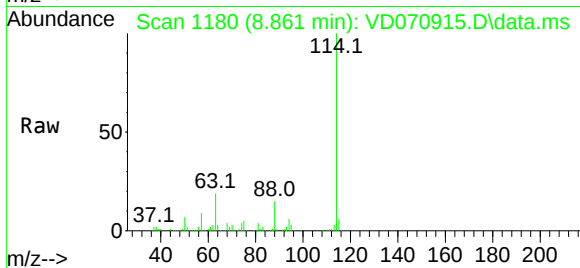
Tgt Ion:114 Resp: 625072

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.8

88 14.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.901 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070915.D

Acq: 03 Nov 2021 17:29

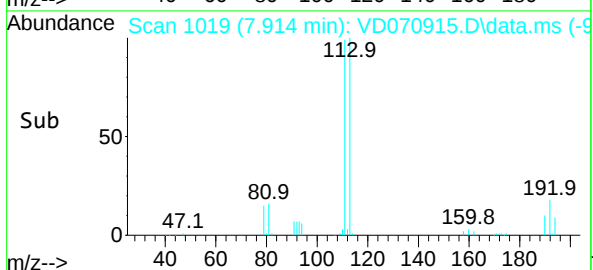
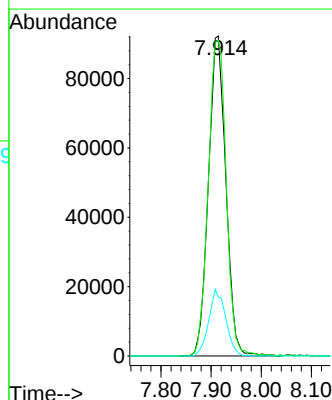
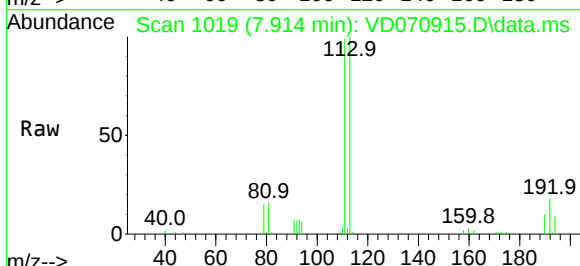
Tgt Ion:113 Resp: 222148

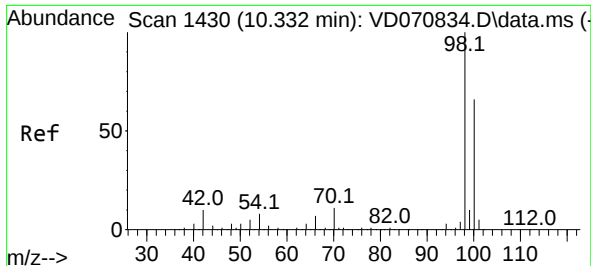
Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 20.3 15.2 22.8

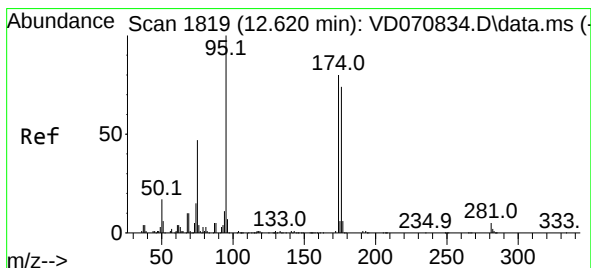
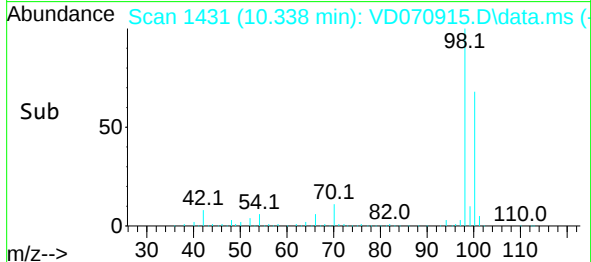
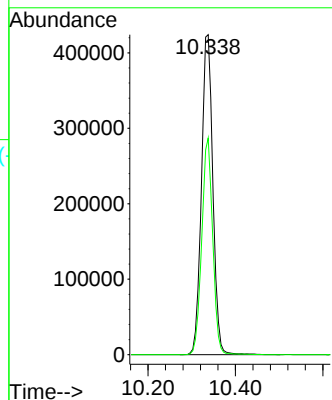
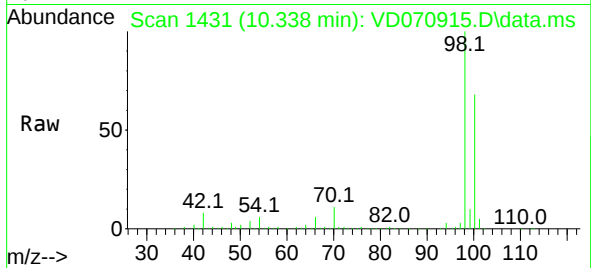




#50
Toluene-d8
Concen: 49.736 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD070915.D
Acq: 03 Nov 2021 17:29

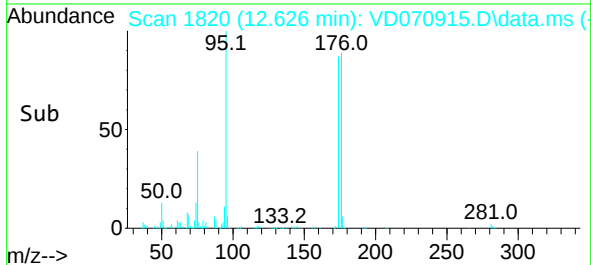
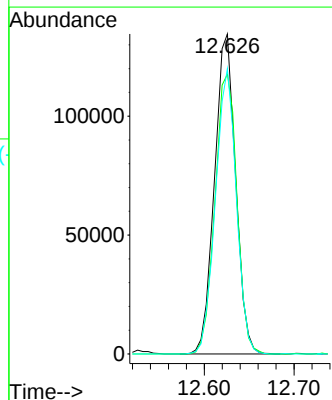
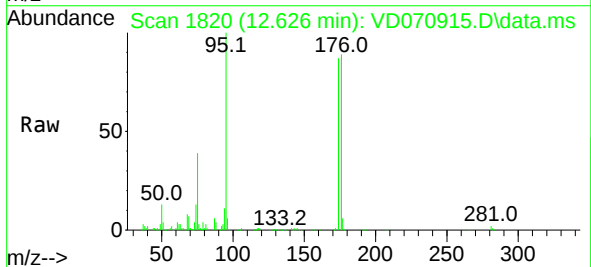
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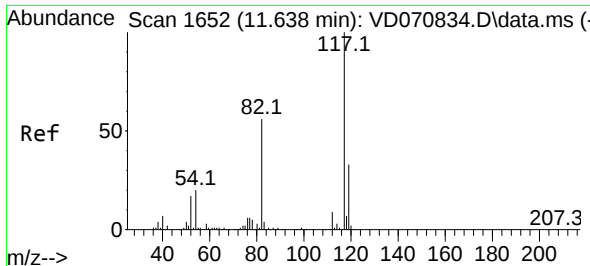
Tgt Ion: 98 Resp: 771170
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 42.988 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070915.D
Acq: 03 Nov 2021 17:29

Tgt Ion: 95 Resp: 219923
Ion Ratio Lower Upper
95 100
174 91.0 0.0 159.4
176 87.8 0.0 154.0

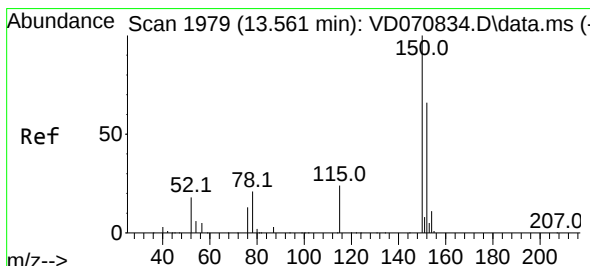
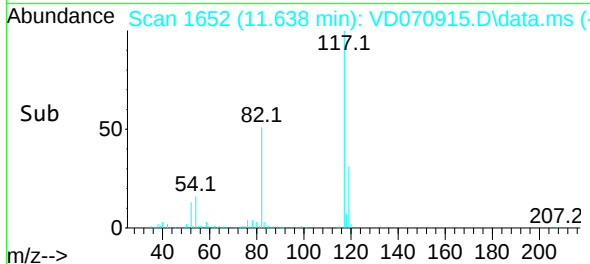
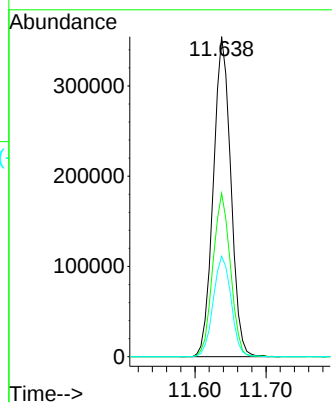
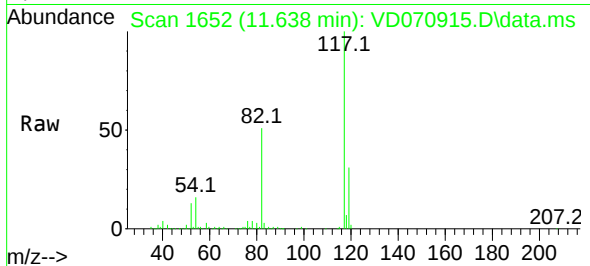




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070915.D
Acq: 03 Nov 2021 17:29

Instrument :
MSVOA_D
ClientSampleId :
SB03

Tgt Ion:117 Resp: 605943
Ion Ratio Lower Upper
117 100
82 51.1 44.7 67.1
119 31.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070915.D
Acq: 03 Nov 2021 17:29

Tgt Ion:152 Resp: 236947
Ion Ratio Lower Upper
152 100
115 55.2 29.8 89.3
150 155.9 0.0 349.2

