

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066689.D
 Acq On : 15 Sep 2020 00:16
 Operator : VA/SY
 Sample : L3998-04
 Misc : 8.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-B

Quant Time: Sep 15 03:18:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	362332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	677991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	648756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284396	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	239444	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
35) Dibromofluoromethane	7.91	113	236442	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.34	98	846944	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.63	95	283352	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

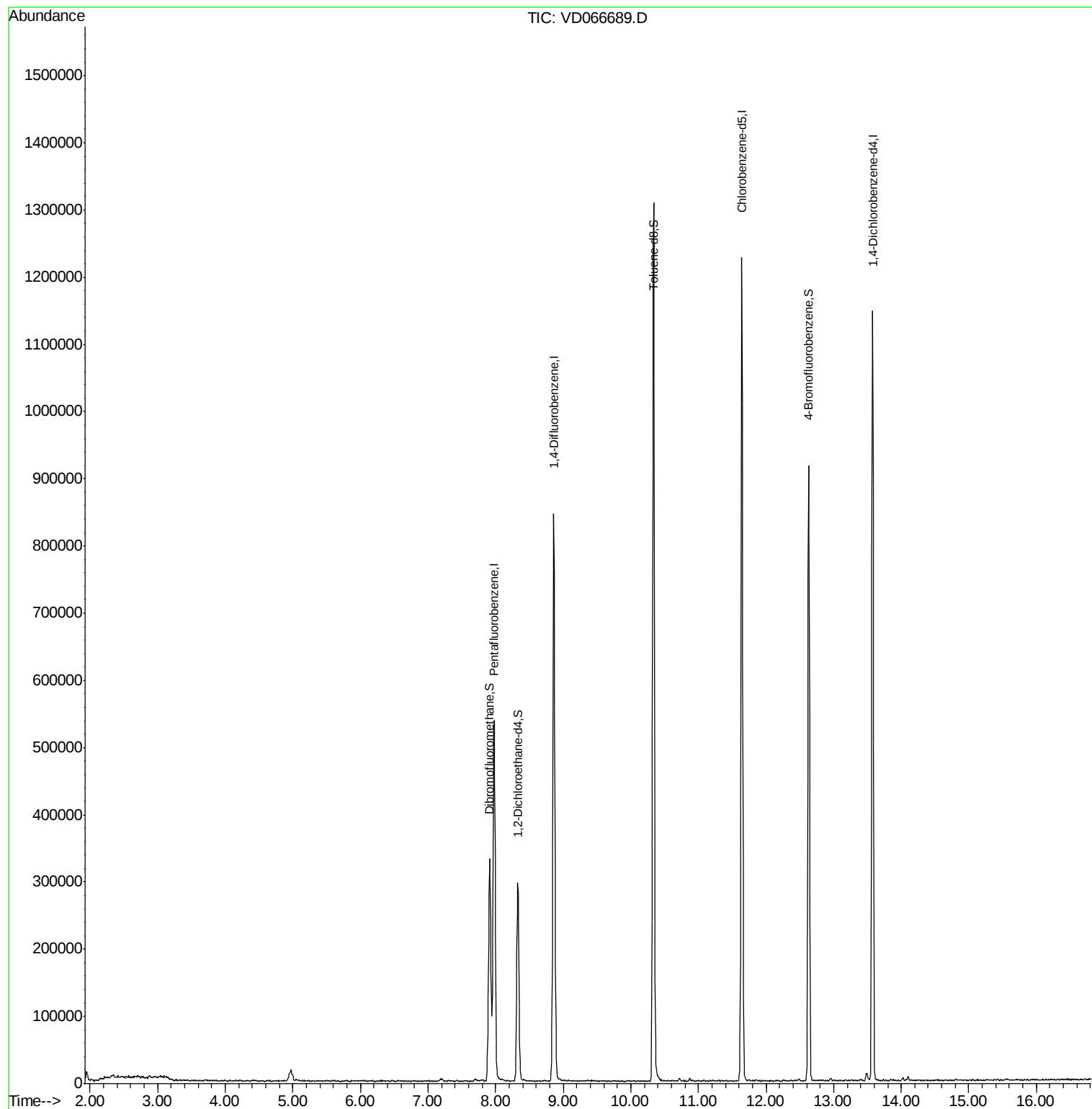
Target Compounds	Qvalue

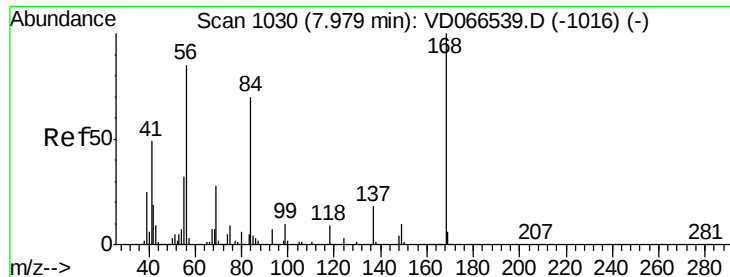
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066689.D

Acq: 15 Sep 2020 00:16

Instrument :

MSVOA_D

ClientSampleId :

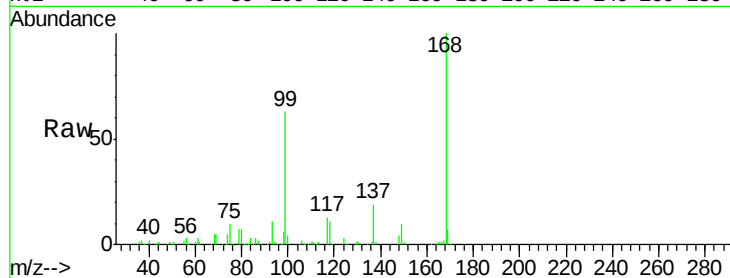
FK-EF-01-TEST1-ABCD-B

Tot Ion:168 Resp: 362332

Ion Ratio Lower Upper

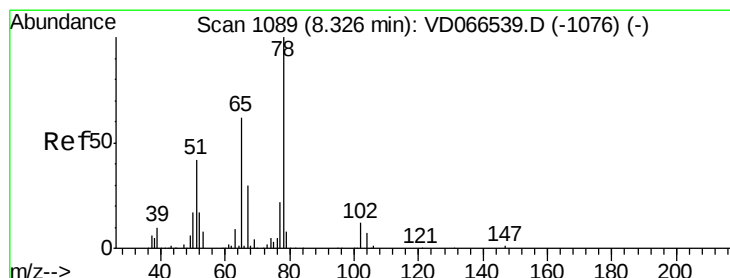
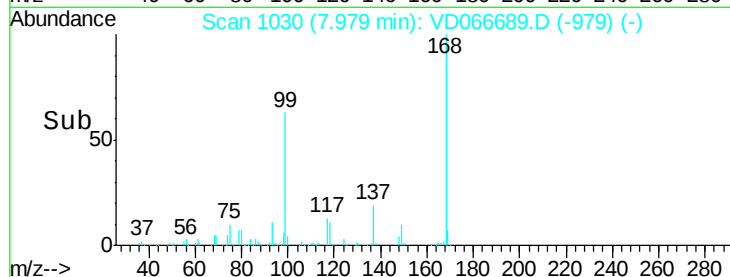
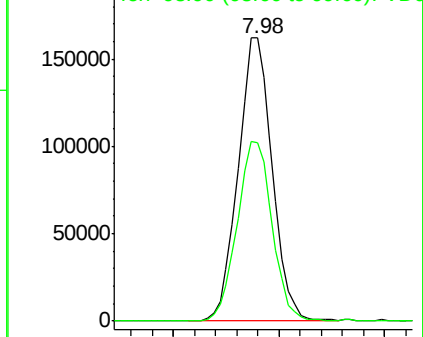
168 100

99 62.8 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 54.619 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066689.D

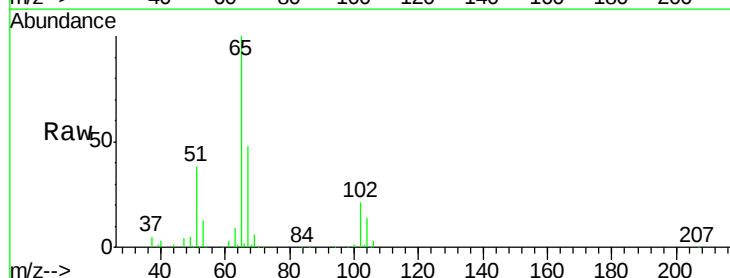
Acq: 15 Sep 2020 00:16

Tgt Ion: 65 Resp: 239444

Ion Ratio Lower Upper

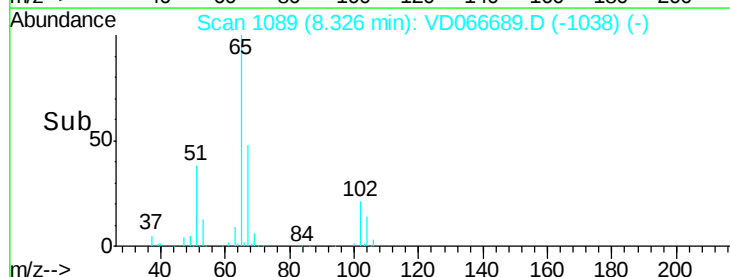
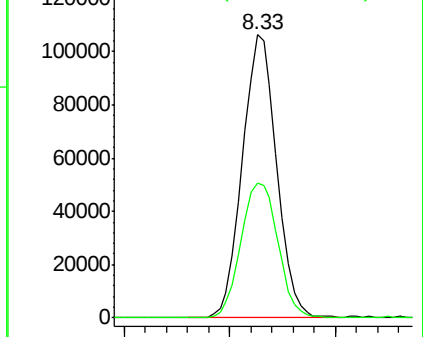
65 100

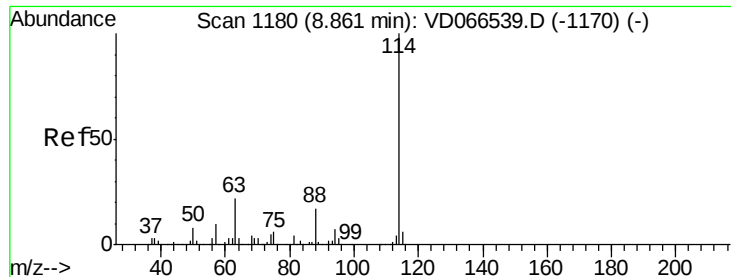
67 51.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066689.D

Acq: 15 Sep 2020 00:16

Instrument :

MSVOA_D

ClientSampleId :

FK-EF-01-TEST1-ABCD-B

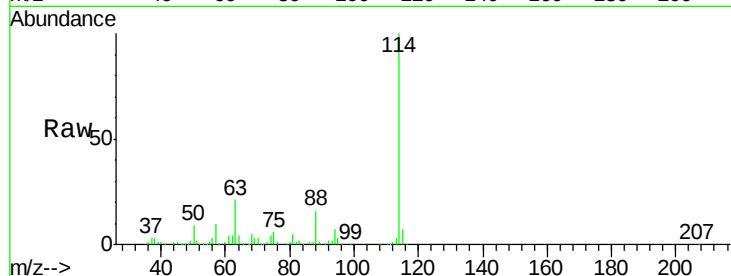
Tot Ion:114 Resp: 677991

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

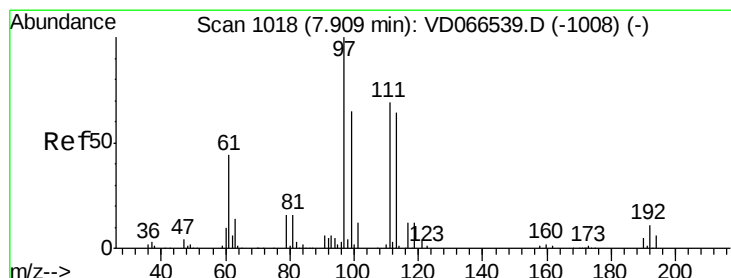
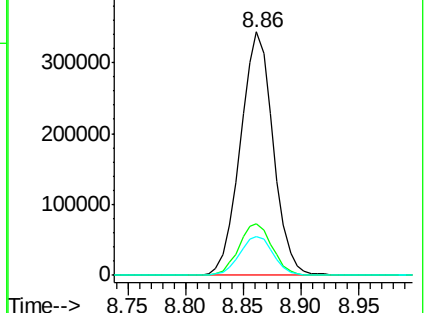
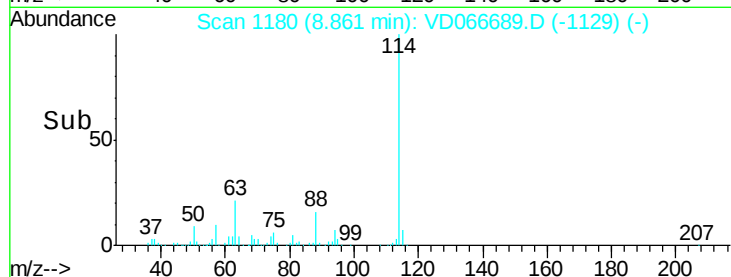
88 16.0 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 51.695 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066689.D

Acq: 15 Sep 2020 00:16

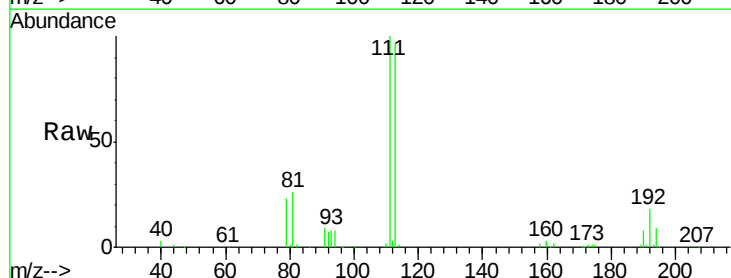
Tgt Ion:113 Resp: 236442

Ion Ratio Lower Upper

113 100

111 102.3 83.2 124.8

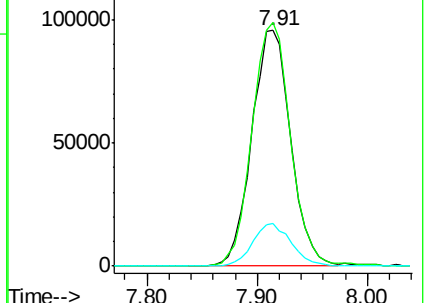
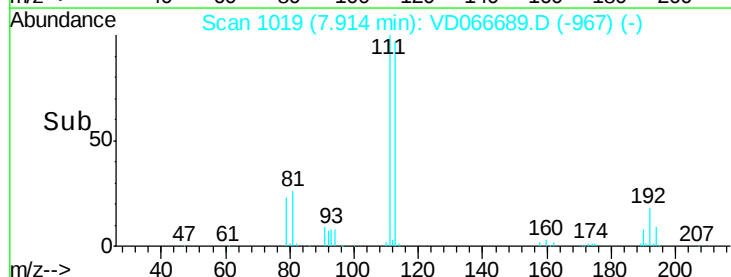
192 17.8 13.7 20.5

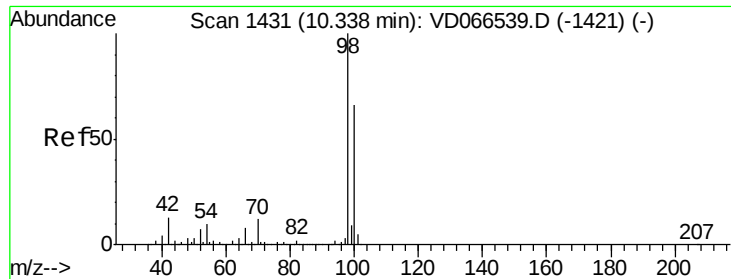


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

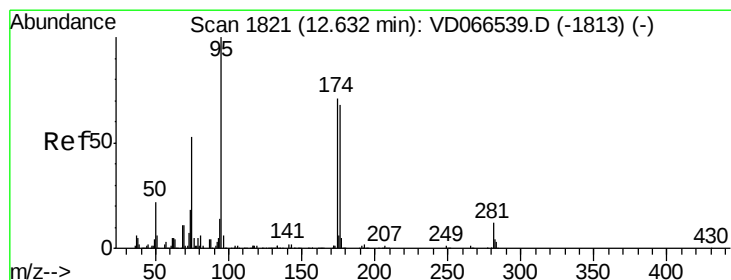
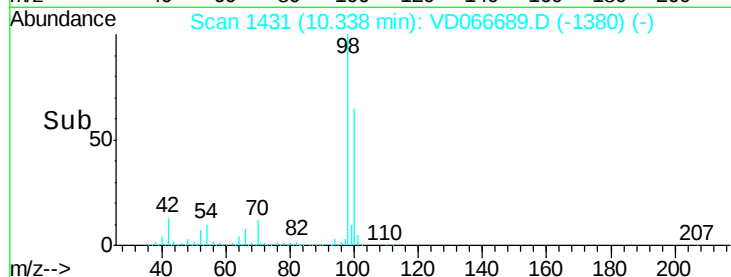
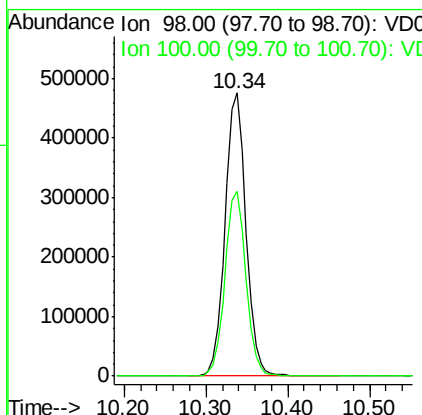
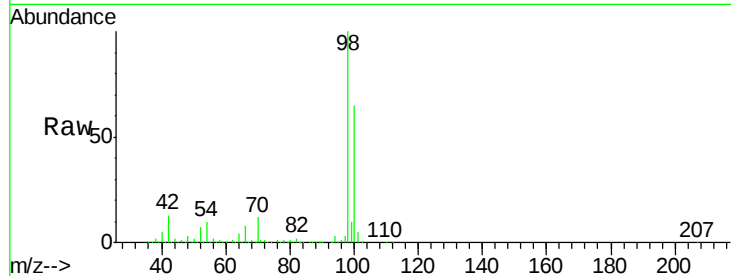




#50
Toluene-d8
Concen: 51.809 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066689.D
Acq: 15 Sep 2020 00:16

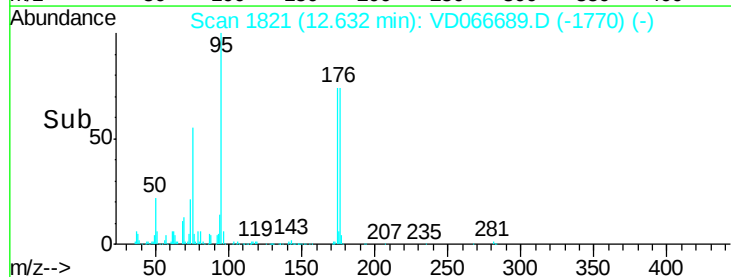
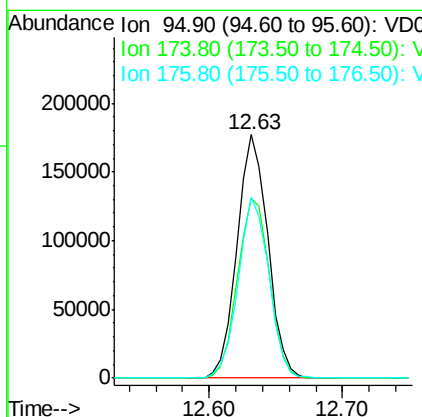
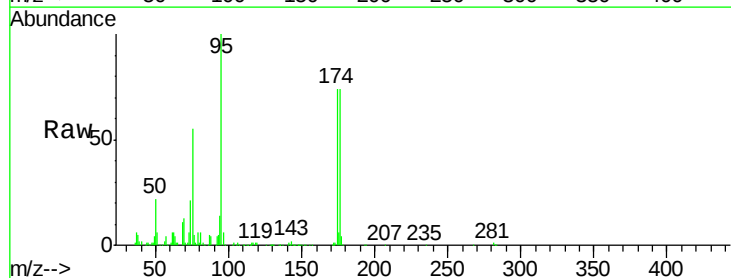
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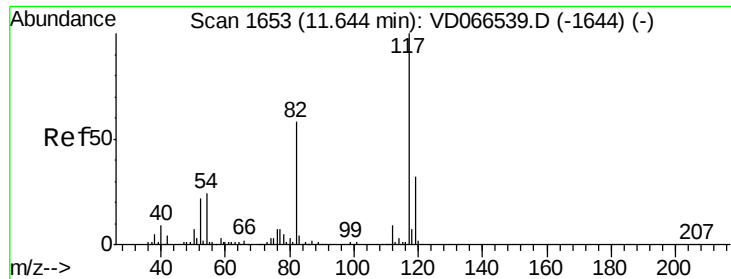
Tot Ion: 98 Resp: 846944
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.273 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066689.D
Acq: 15 Sep 2020 00:16

Tgt Ion: 95 Resp: 283352
Ion Ratio Lower Upper
95 100
174 76.3 0.0 155.8
176 73.3 0.0 148.6

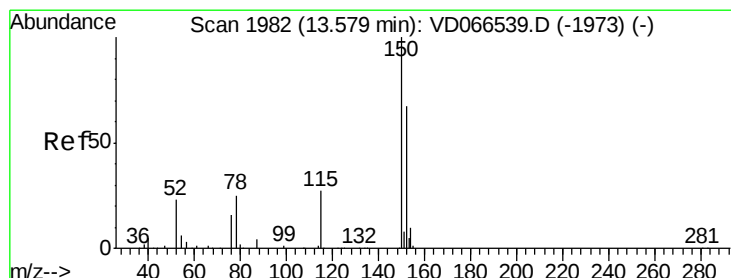
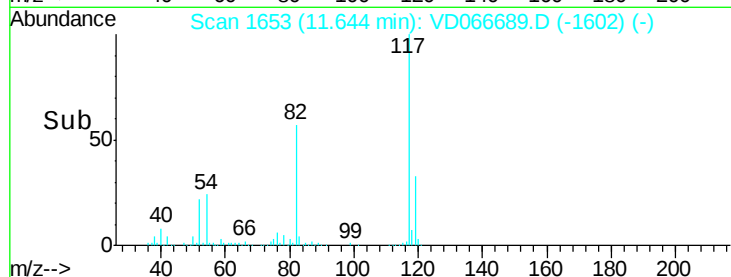
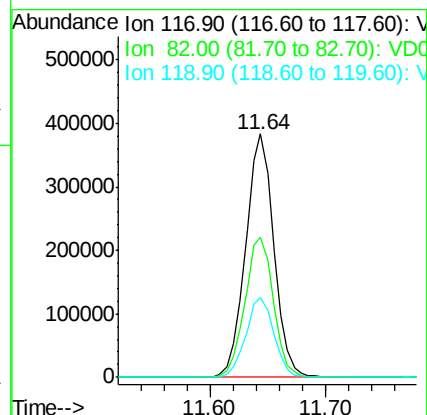
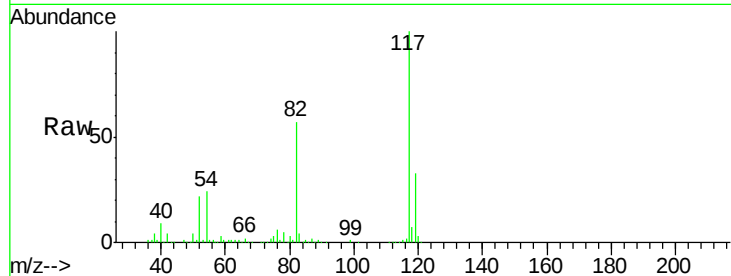




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066689.D
Acq: 15 Sep 2020 00:16

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-TEST1-ABCD-B

Tot Ion:117 Resp: 648756
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.2
119 32.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066689.D
Acq: 15 Sep 2020 00:16

Tgt Ion:152 Resp: 284396
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.2
150 154.9 0.0 345.8

