

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062619\
 Data File : VD062916.D
 Acq On : 26 Jun 2019 14:37
 Operator : VA/AP
 Sample : K3533-02
 Misc : 6.89g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-013-ABCD

Quant Time: Jun 27 09:21:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	617699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	816419	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	597512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	265684	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	412269	61.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.80%	
35) Dibromofluoromethane	6.92	113	416758	60.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.08%	
50) Toluene-d8	10.41	98	811775	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
62) 4-Bromofluorobenzene	13.55	95	312651	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	

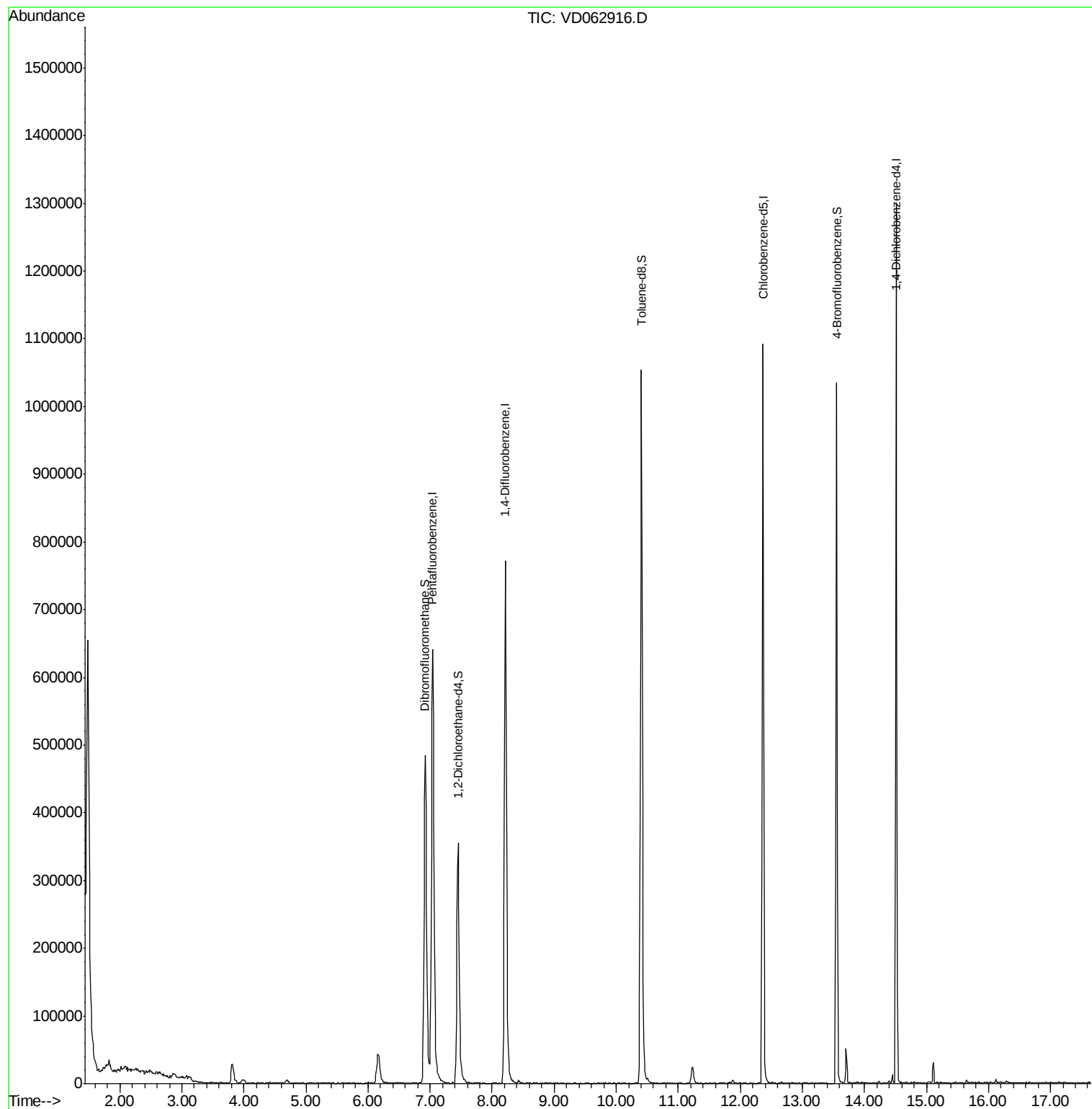
Target Compounds	Qvalue
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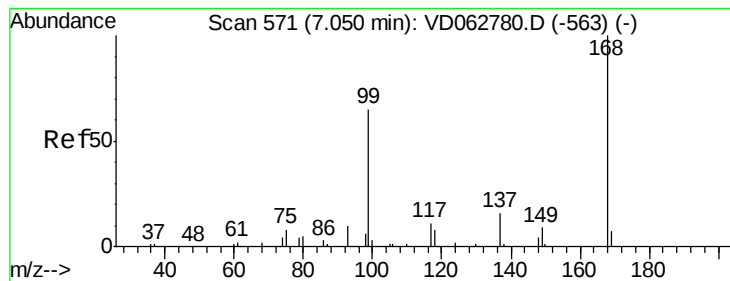
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062916.D

Acq: 26 Jun 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

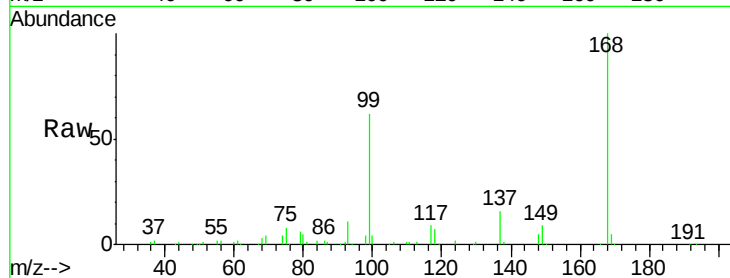
FK-EF-01-013-ABCD

Tot Ion:168 Resp: 617699

Ion Ratio Lower Upper

168 100

99 62.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

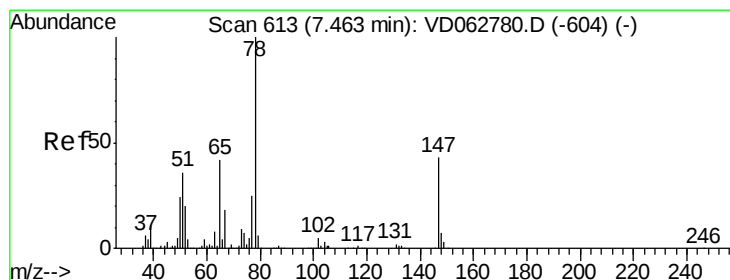
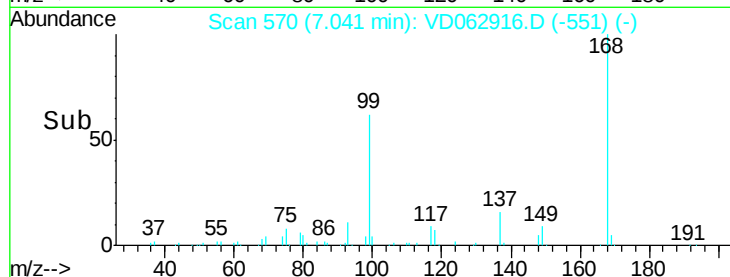
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.402 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062916.D

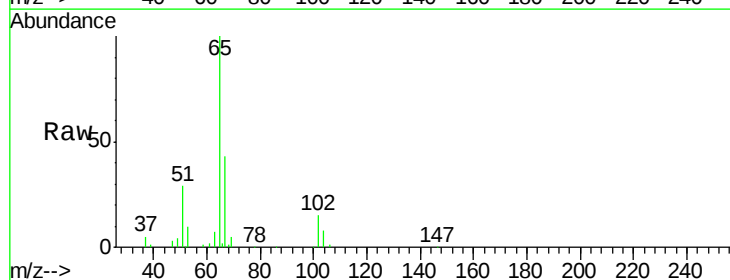
Acq: 26 Jun 2019 14:37

Tgt Ion: 65 Resp: 412269

Ion Ratio Lower Upper

65 100

67 43.1 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

150000

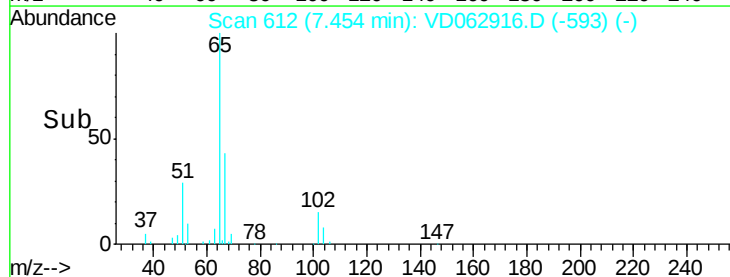
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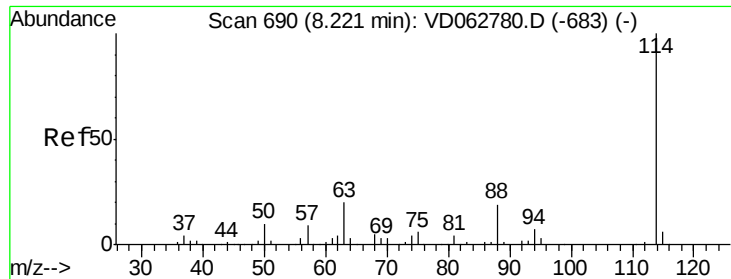
50000

0

7.30 7.40 7.50 7.60

Time-->

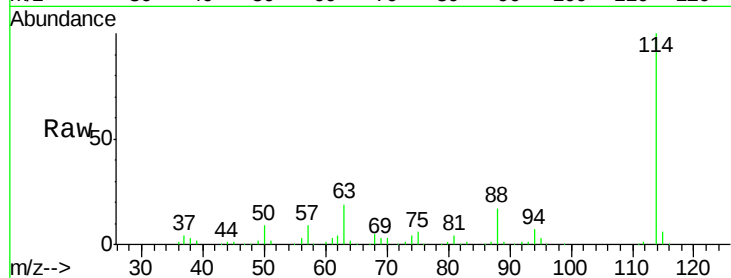




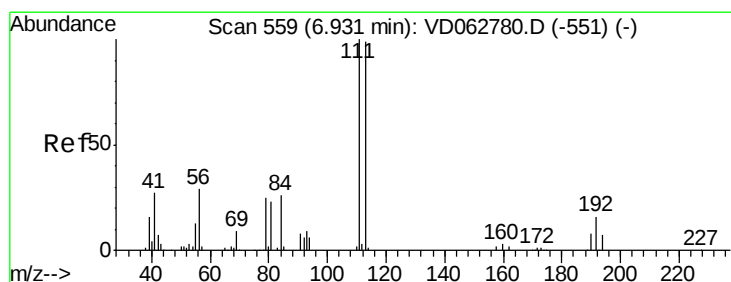
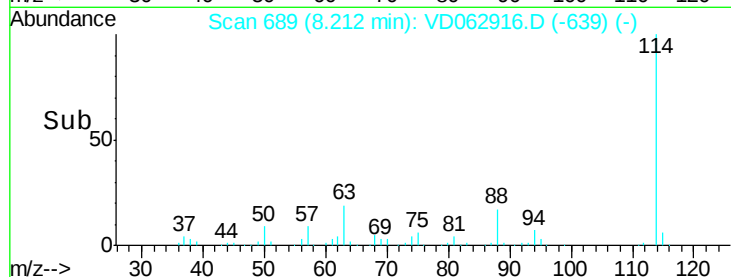
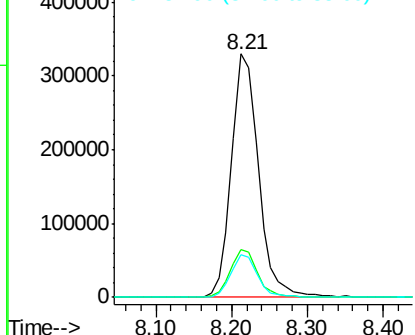
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD062916.D
 Acq: 26 Jun 2019 14:37

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-013-ABCD

Tot Ion:114 Resp: 816419
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 17.4 0.0 38.8

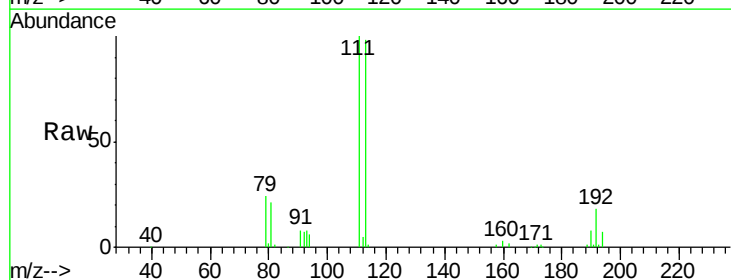


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

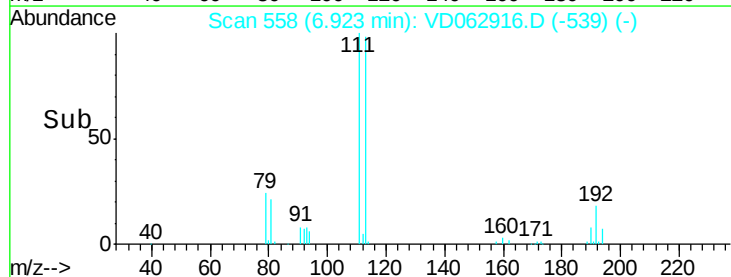
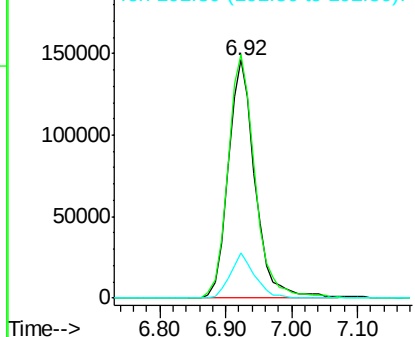


#35
 Dibromofluoromethane
 Concen: 60.540 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062916.D
 Acq: 26 Jun 2019 14:37

Tgt Ion:113 Resp: 416758
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.2 121.8
 192 18.8 12.9 19.3



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

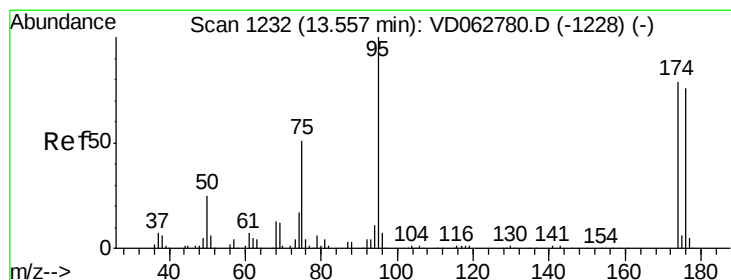
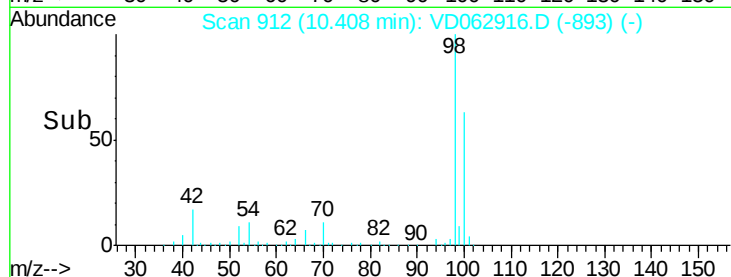
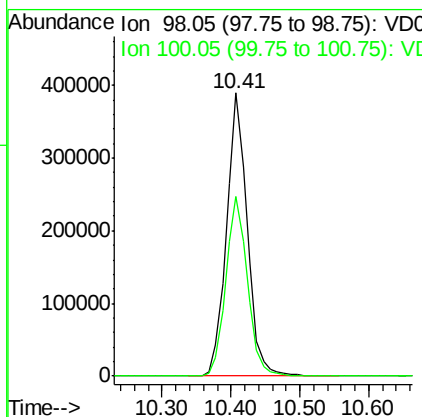
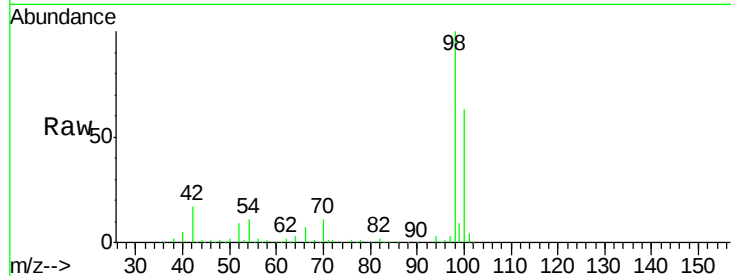




#50
Toluene-d8
Concen: 54.181 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062916.D
Acq: 26 Jun 2019 14:37

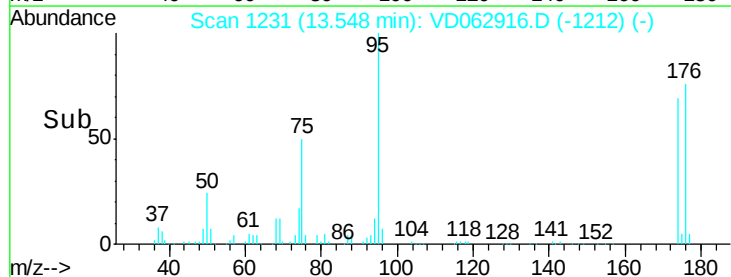
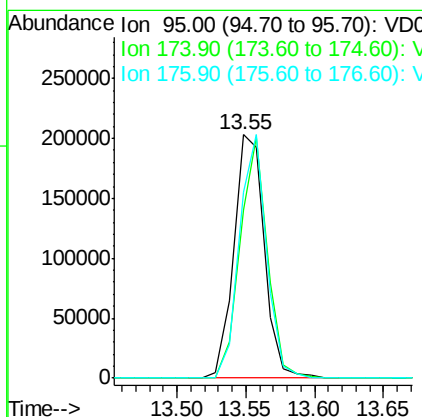
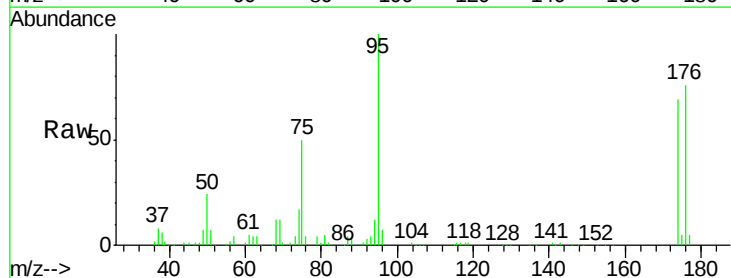
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-013-ABCD

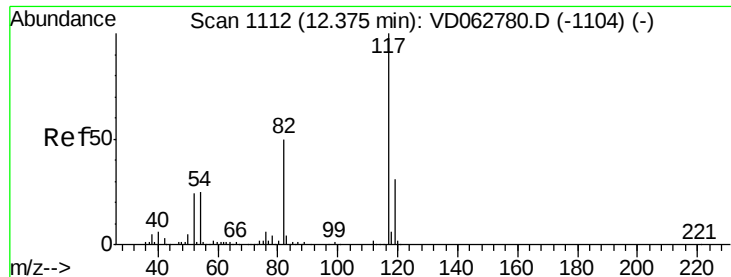
Tot Ion: 98 Resp: 811775
Ion Ratio Lower Upper
98 100
100 63.4 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 45.892 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062916.D
Acq: 26 Jun 2019 14:37

Tgt Ion: 95 Resp: 312651
Ion Ratio Lower Upper
95 100
174 69.2 0.0 158.0
176 76.3 0.0 151.6

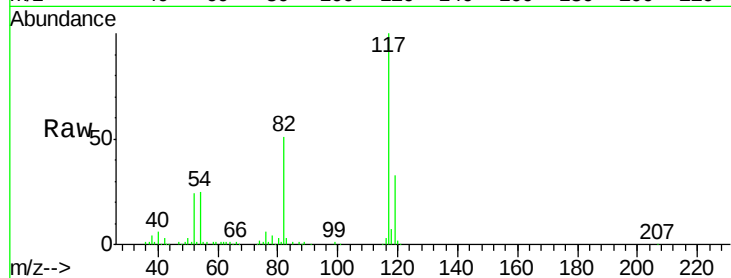




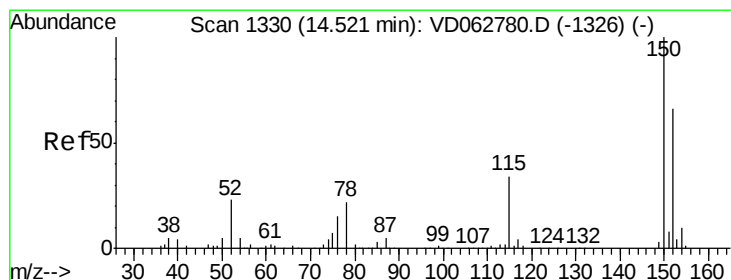
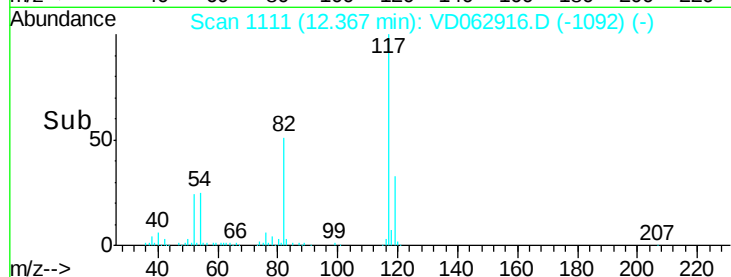
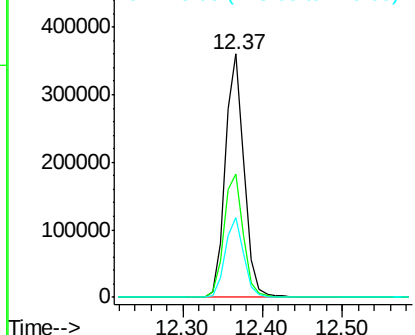
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062916.D
Acq: 26 Jun 2019 14:37

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-013-ABCD

Tot Ion:117 Resp: 597512
Ion Ratio Lower Upper
117 100
82 50.5 40.4 60.6
119 32.7 25.2 37.8

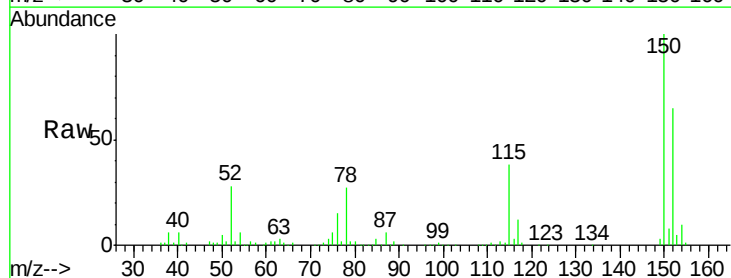


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062916.D
Acq: 26 Jun 2019 14:37

Tgt Ion:152 Resp: 265684
Ion Ratio Lower Upper
152 100
115 58.3 29.2 87.6
150 153.0 0.0 305.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

