

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050219\
 Data File : VD062118.D
 Acq On : 2 May 2019 18:35
 Operator : FY/SY
 Sample : K2677-02
 Misc : 6.65g/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-008-ABCD

Quant Time: May 03 01:57:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

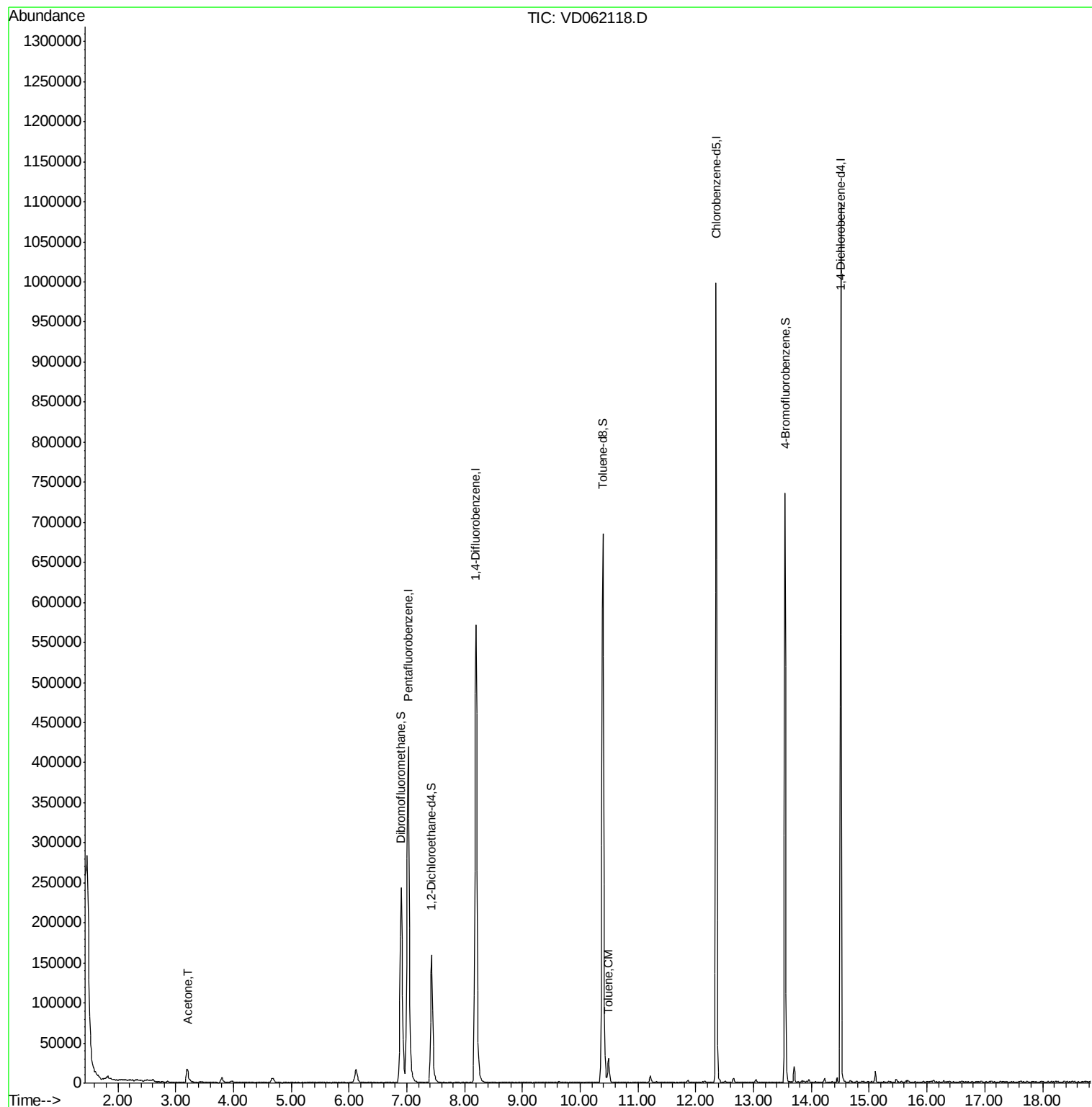
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	428545	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	681855	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	585592	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	243320	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	166958	49.78	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	6.90	113	239433	50.77	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	101.54%	
50) Toluene-d8	10.39	98	602159	53.66	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	107.32%	
62) 4-Bromofluorobenzene	13.54	95	223382	49.63	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.26%	
Target Compounds						
16) Acetone	3.21	43	34218	42.727	ug/l	98
52) Toluene	10.49	92	16190	1.931	ug/l	96

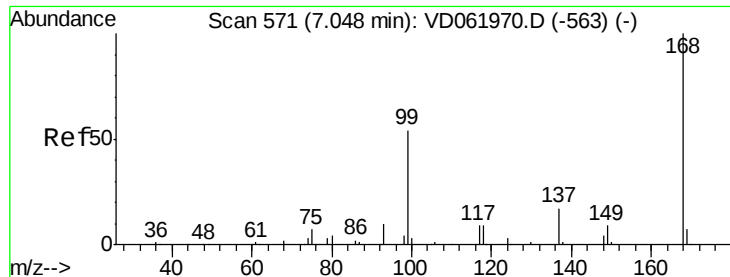
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050219\
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Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.03 min

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Instrument :

MSVOA_D

ClientSampleId :

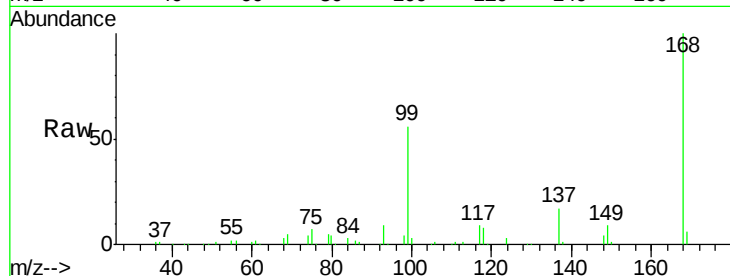
FK-EF-01-008-ABCD

Tot Ion:168 Resp: 428545

Ion Ratio Lower Upper

168 100

99 56.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

150000

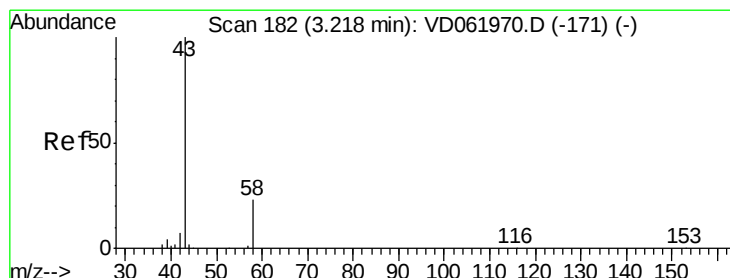
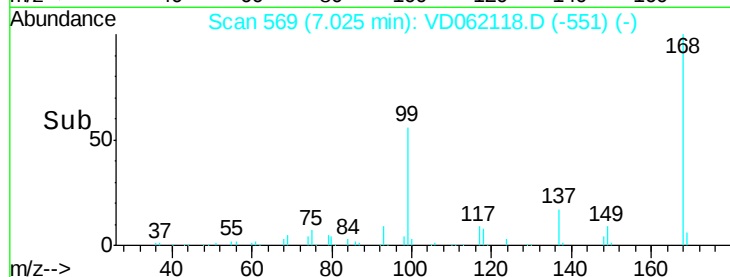
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 42.727 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062118.D

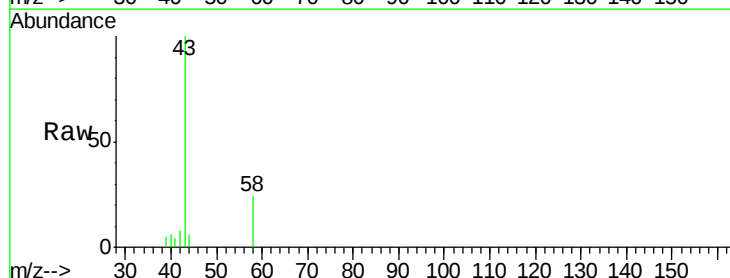
Acq: 2 May 2019 18:35

Tgt Ion: 43 Resp: 34218

Ion Ratio Lower Upper

43 100

58 23.7 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

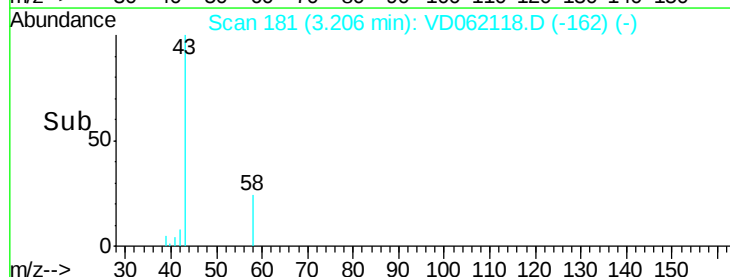
10000

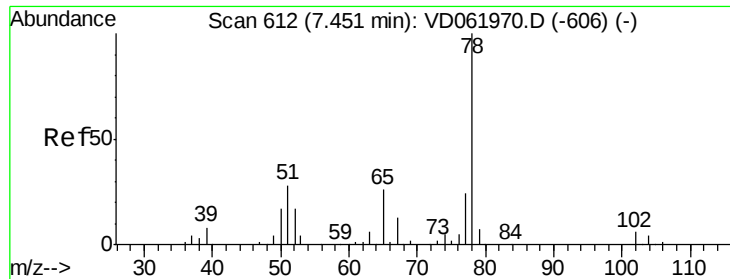
5000

0

3.10 3.20 3.30 3.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.778 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062118.D

Acq: 2 May 2019 18:35

Instrument :

MSVOA_D

ClientSampleId :

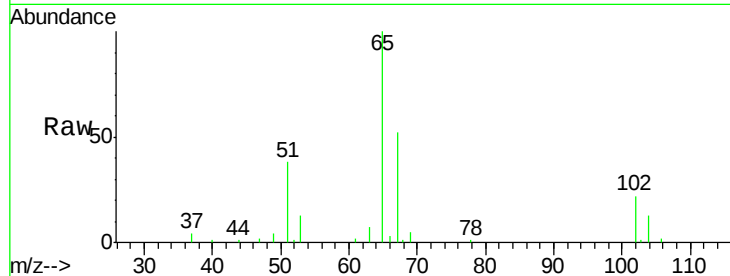
FK-EF-01-008-ABCD

Tot Ion: 65 Resp: 166958

Ion Ratio Lower Upper

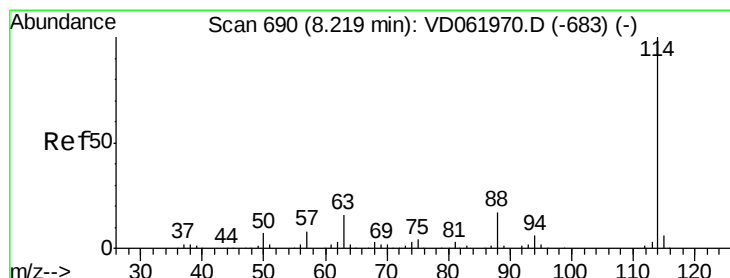
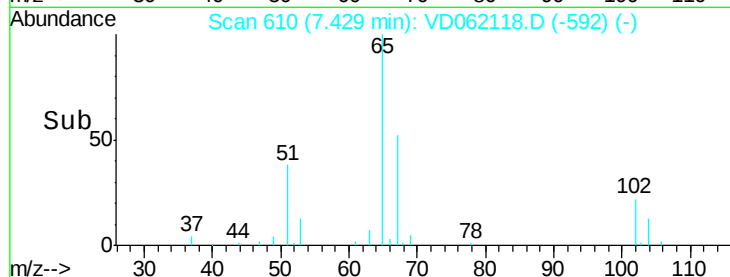
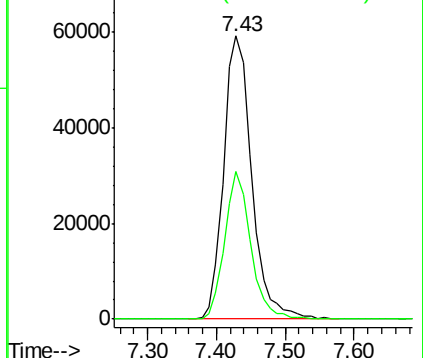
65 100

67 52.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.03 min

Lab File: VD062118.D

Acq: 2 May 2019 18:35

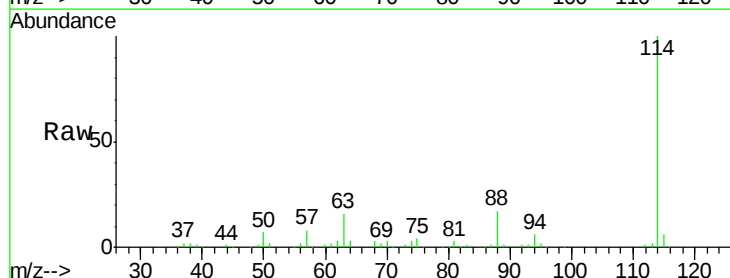
Tgt Ion: 114 Resp: 681855

Ion Ratio Lower Upper

114 100

63 16.1 0.0 32.4

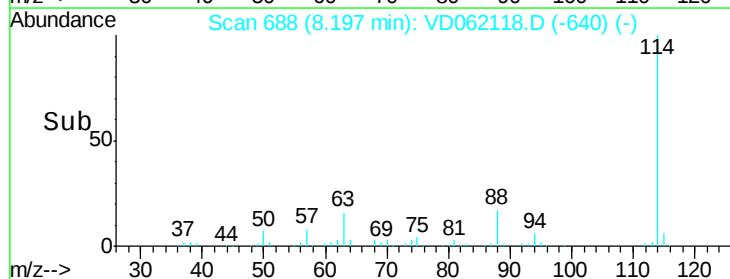
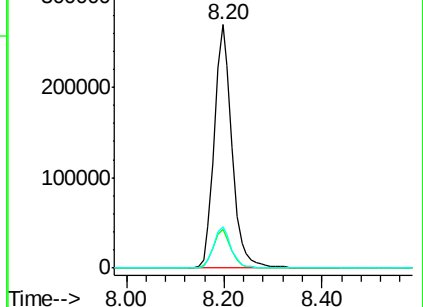
88 17.0 0.0 33.6

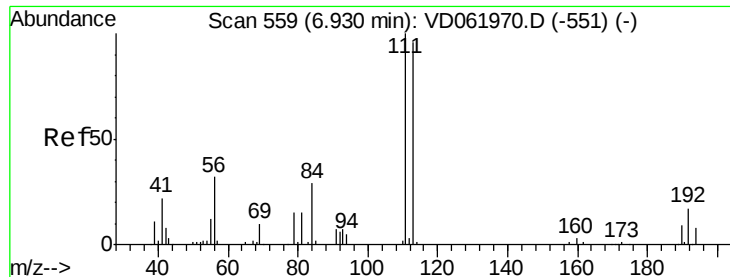


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.774 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.04 min

Lab File: VD062118.D

Acq: 2 May 2019 18:35

Instrument :

MSVOA_D

ClientSampleId :

FK-EF-01-008-ABCD

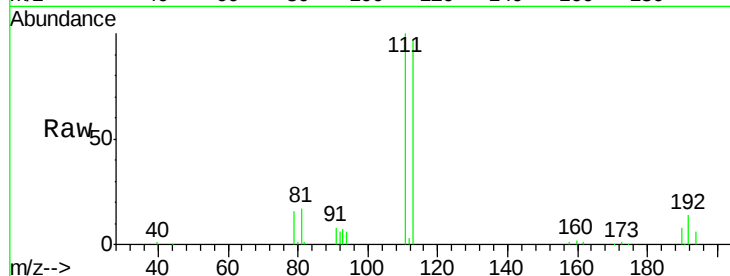
Tot Ion:113 Resp: 239433

Ion Ratio Lower Upper

113 100

111 102.8 78.5 117.7

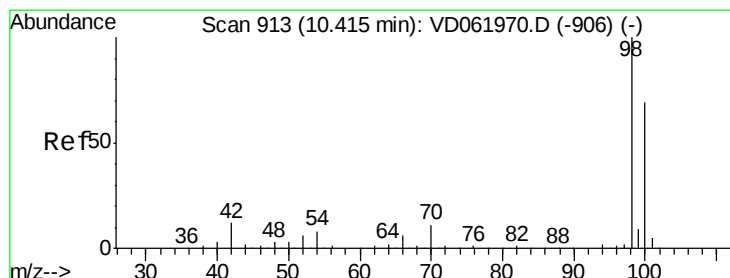
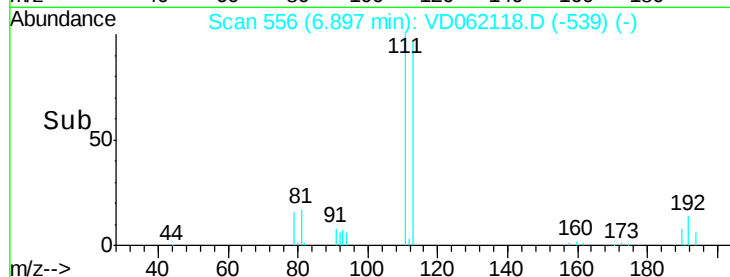
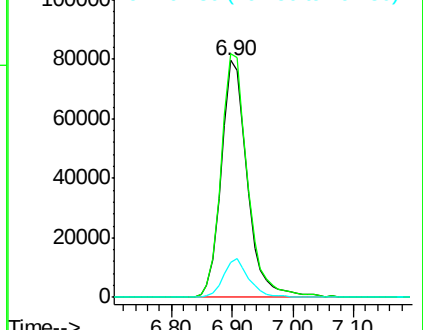
192 14.6 13.0 19.4



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: 53.664 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.03 min

Lab File: VD062118.D

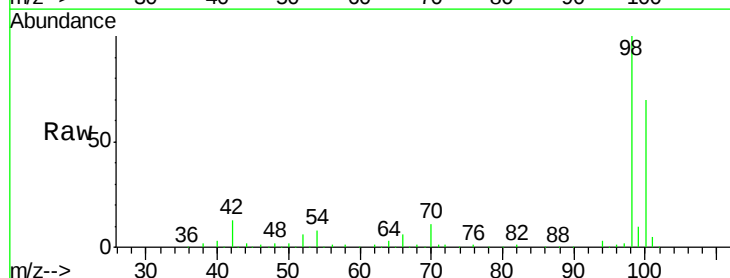
Acq: 2 May 2019 18:35

Tgt Ion: 98 Resp: 602159

Ion Ratio Lower Upper

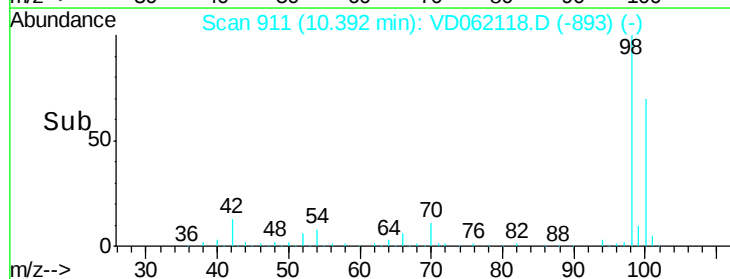
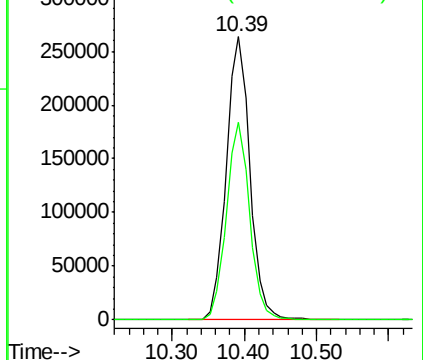
98 100

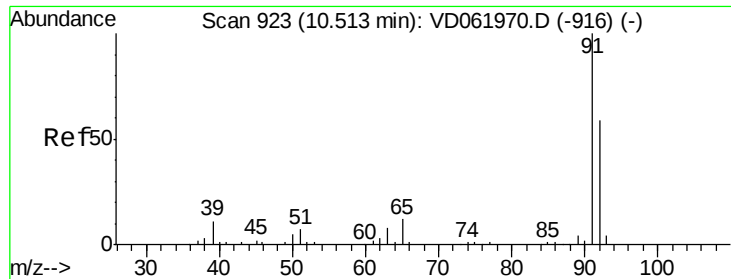
100 70.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.931 ug/l

RT: 10.49 min Scan# 921

Delta R.T. -0.03 min

Lab File: VD062118.D

Acq: 2 May 2019 18:35

Instrument :

MSVOA_D

ClientSampleId :

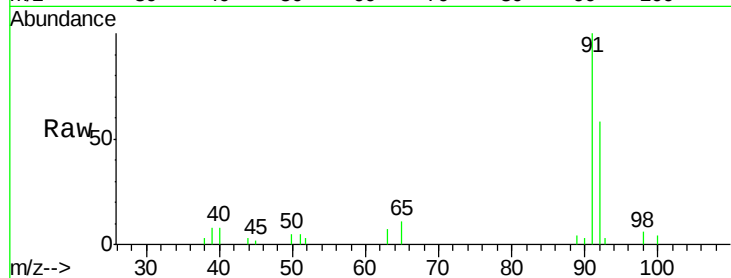
FK-EF-01-008-ABCD

Tot Ion: 92 Resp: 16190

Ion Ratio Lower Upper

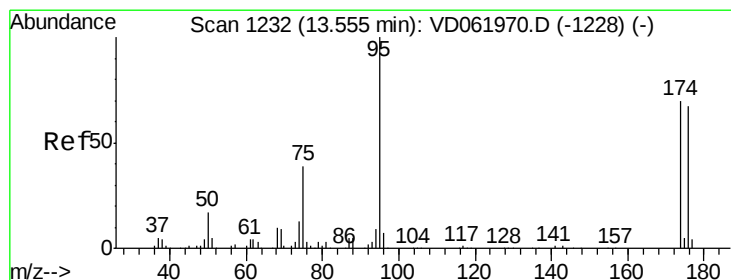
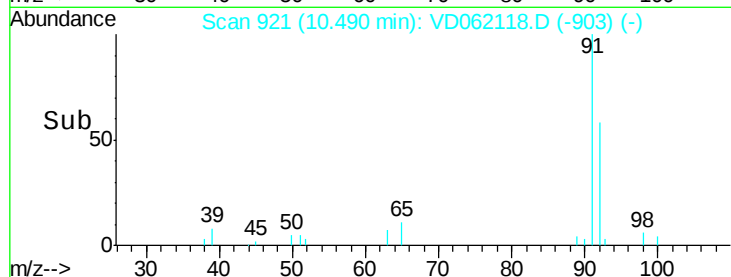
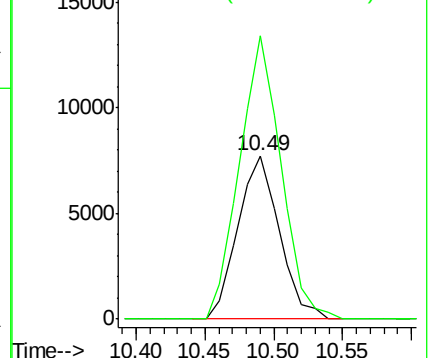
92 100

91 165.4 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 49.633 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.02 min

Lab File: VD062118.D

Acq: 2 May 2019 18:35

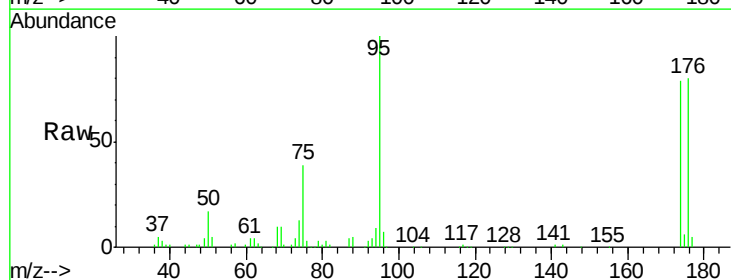
Tgt Ion: 95 Resp: 223382

Ion Ratio Lower Upper

95 100

174 78.5 0.0 181.8

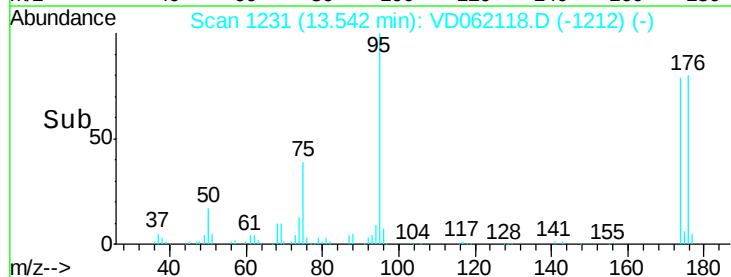
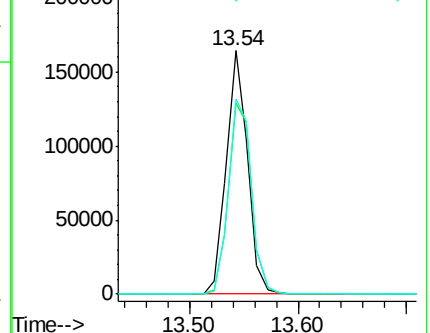
176 80.1 0.0 174.4

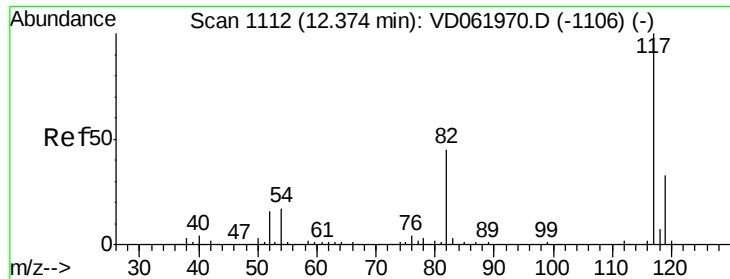


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

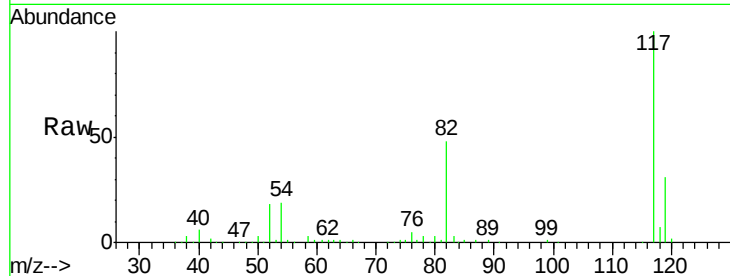




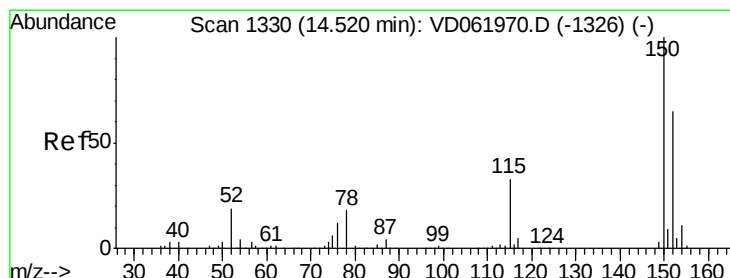
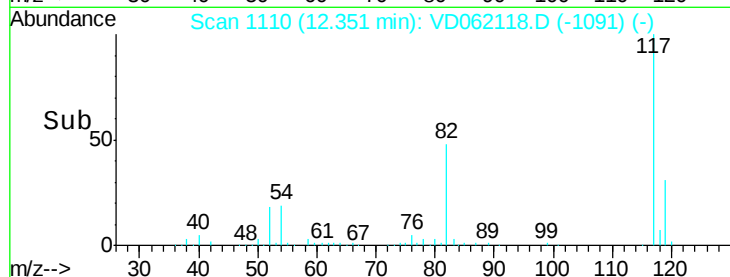
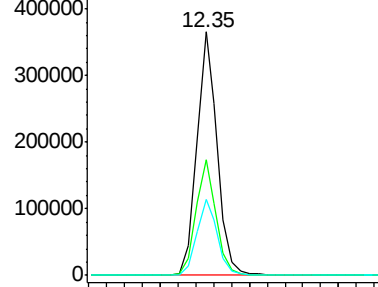
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062118.D
Acq: 2 May 2019 18:35

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-008-ABCD

Tot Ion:117 Resp: 585592
Ion Ratio Lower Upper
117 100
82 47.7 36.2 54.2
119 31.3 26.2 39.4

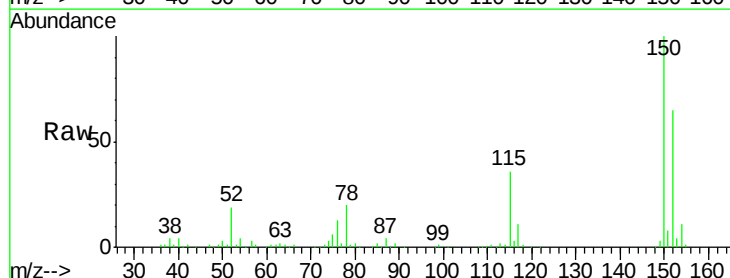


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD062118.D
Acq: 2 May 2019 18:35

Tgt Ion:152 Resp: 243320
Ion Ratio Lower Upper
152 100
115 54.7 30.9 92.7
150 153.1 0.0 314.8



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

