

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070319\
 Data File : VD063021.D
 Acq On : 3 Jul 2019 13:19
 Operator : VA/AP
 Sample : K3646-02
 Misc : 4.52g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-011

Quant Time: Jul 04 01:53:59 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

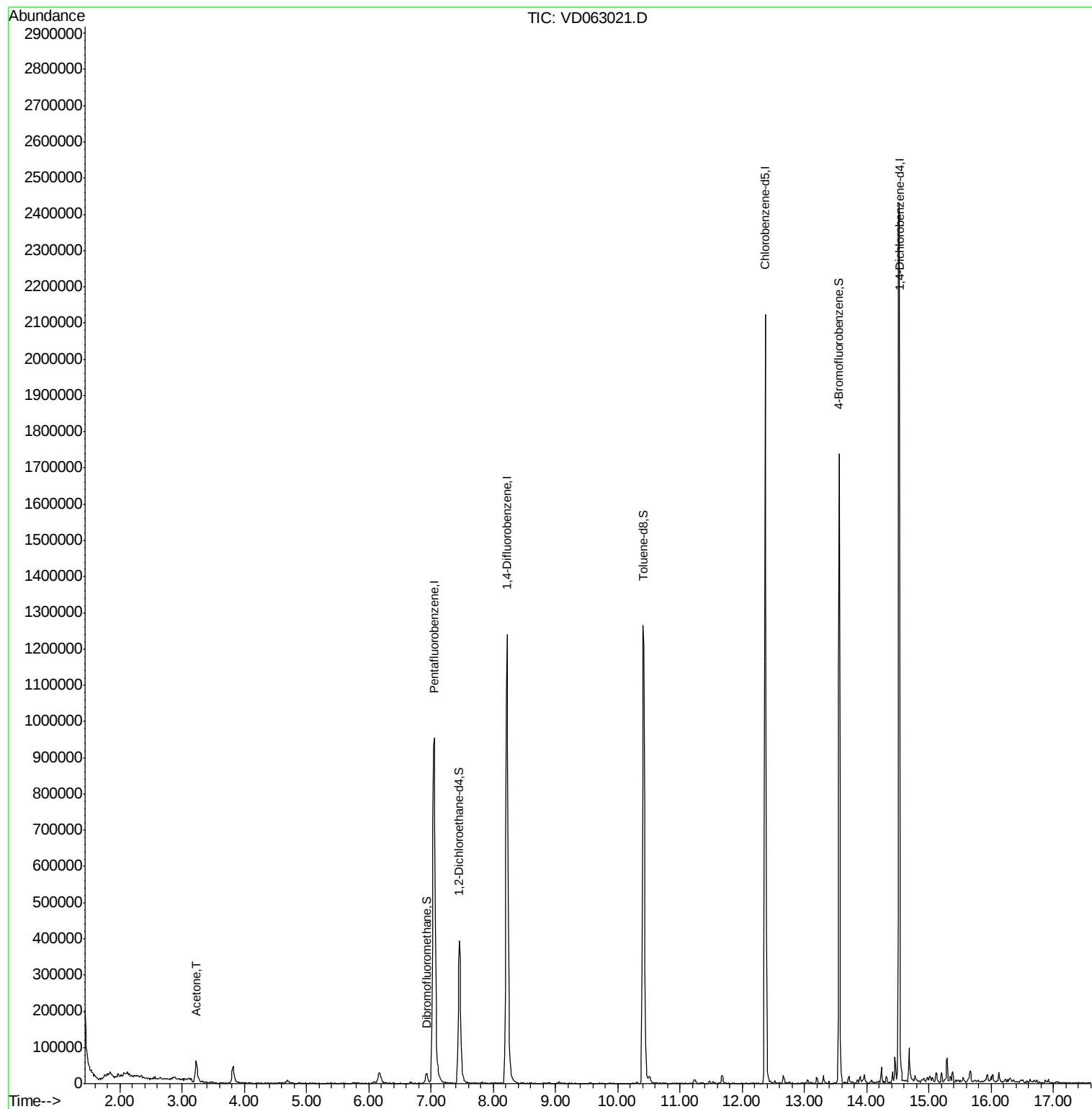
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	988358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1331413	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1089863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	584843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	445587	41.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.96%	
35) Dibromofluoromethane	6.93	113	26157	2.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	4.66%	
50) Toluene-d8	10.41	98	1064591	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
62) 4-Bromofluorobenzene	13.56	95	464085	41.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.54%	
Target Compounds						
16) Acetone	3.22	43	117088	48.094	ug/l	Qvalue 98

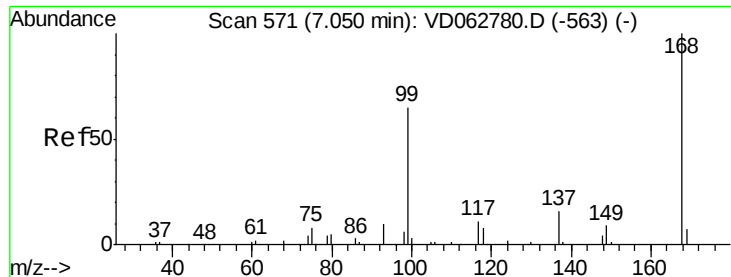
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070319\
Data File : VD063021.D
Acq On : 3 Jul 2019 13:19
Operator : VA/AP
Sample : K3646-02
Misc : 4.52g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-011

Quant Time: Jul 04 01:53:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD063021.D

Acq: 3 Jul 2019 13:19

Instrument :

MSVOA_D

ClientSampleId :

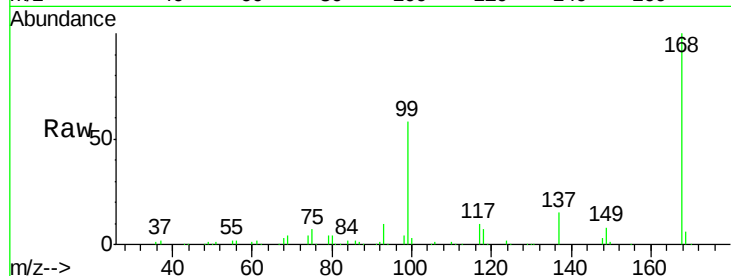
FK-0D015-03-011

Tot Ion:168 Resp: 988358

Ion Ratio Lower Upper

168 100

99 58.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

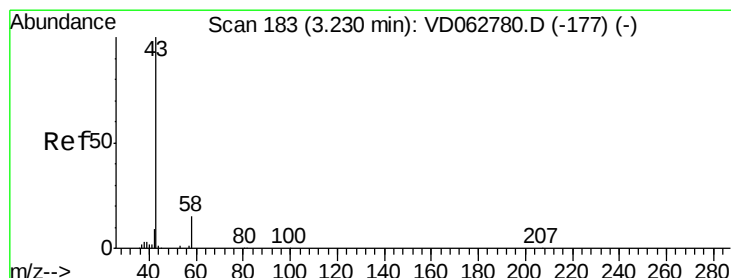
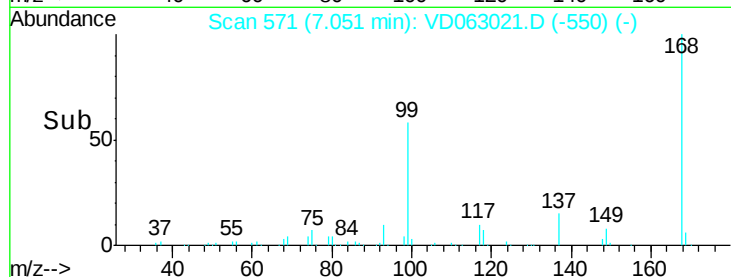
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 48.094 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063021.D

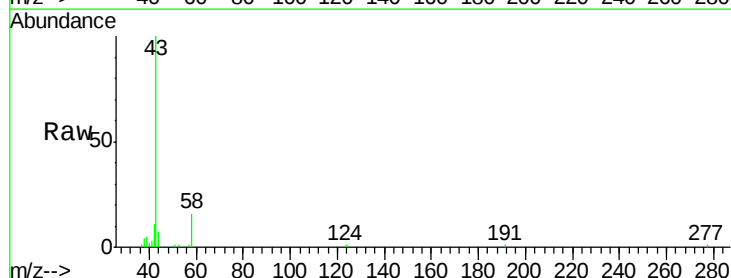
Acq: 3 Jul 2019 13:19

Tgt Ion: 43 Resp: 117088

Ion Ratio Lower Upper

43 100

58 15.6 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

40000

30000

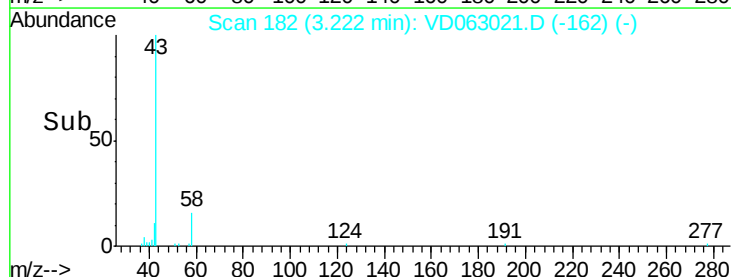
20000

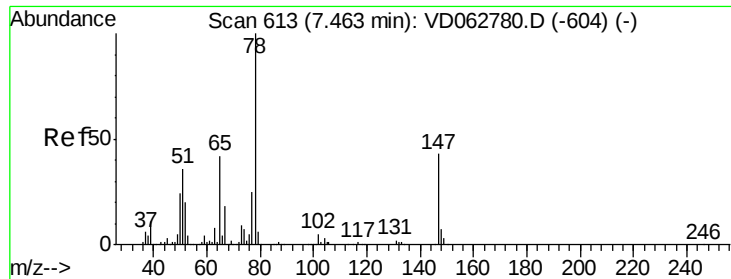
10000

0

Time-->

3.10 3.20 3.30 3.40





#33

1,2-Dichloroethane-d4

Concen: 41.476 ug/l

RT: 7.46 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063021.D

Acq: 3 Jul 2019 13:19

Instrument :

MSVOA_D

ClientSampleId :

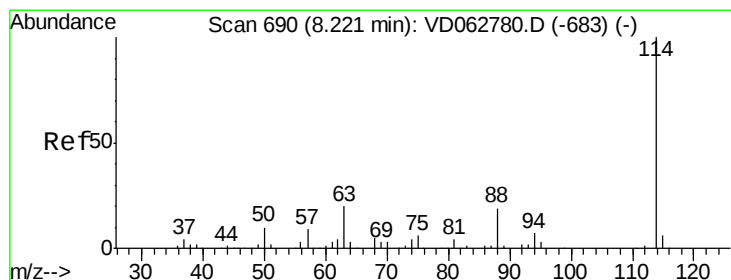
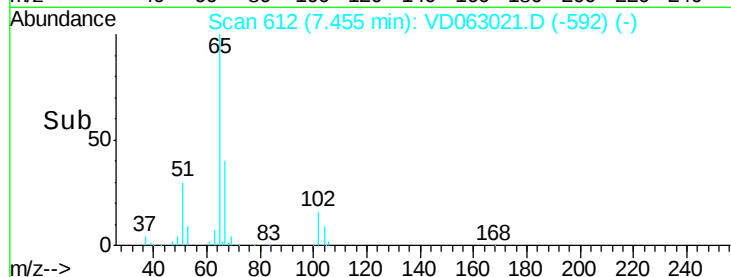
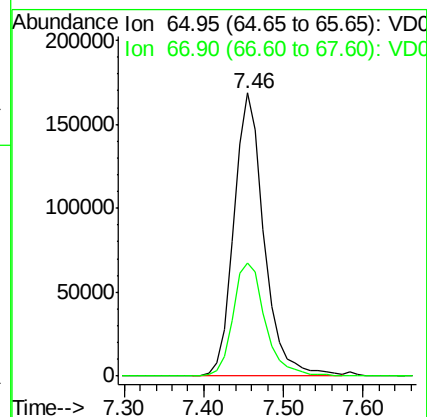
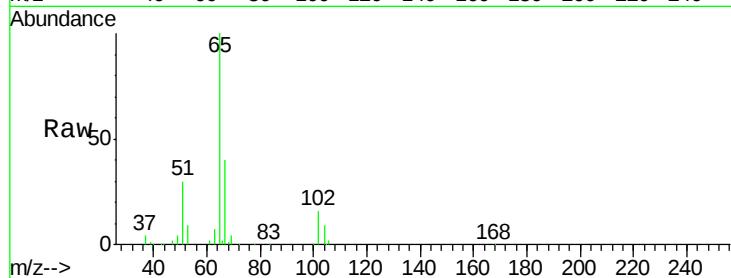
FK-0D015-03-011

Tot Ion: 65 Resp: 445587

Ion Ratio Lower Upper

65 100

67 39.8 0.0 87.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD063021.D

Acq: 3 Jul 2019 13:19

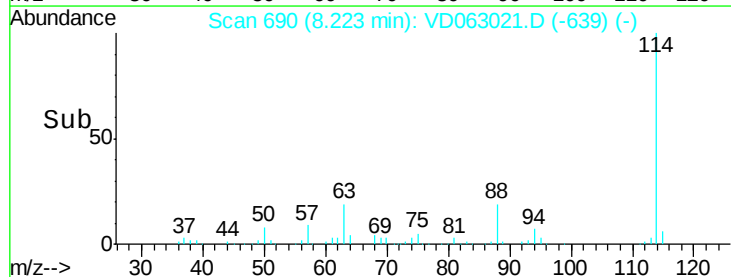
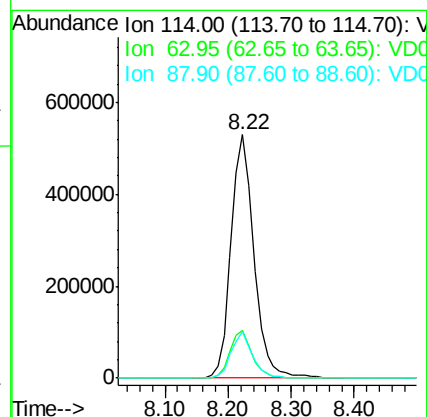
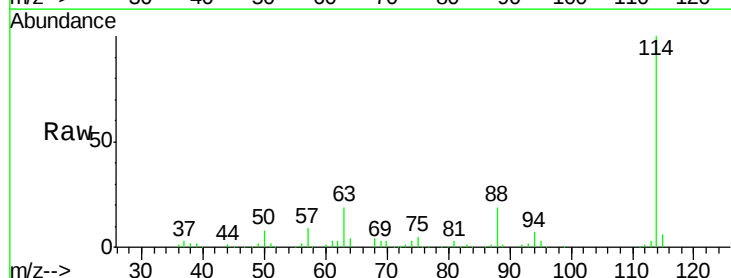
Tgt Ion: 114 Resp: 1331413

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 19.0 0.0 38.8





#35

Dibromofluoromethane

Concen: 2.330 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD063021.D

Acq: 3 Jul 2019 13:19

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-011

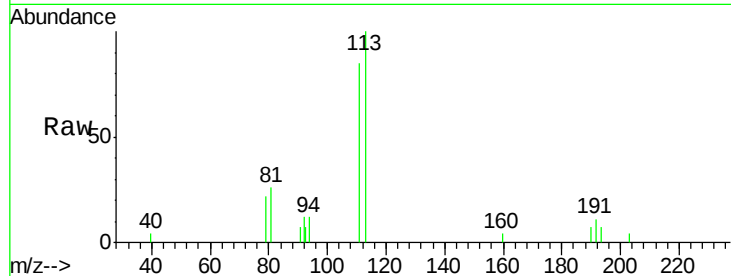
Tot Ion:113 Resp: 26157

Ion Ratio Lower Upper

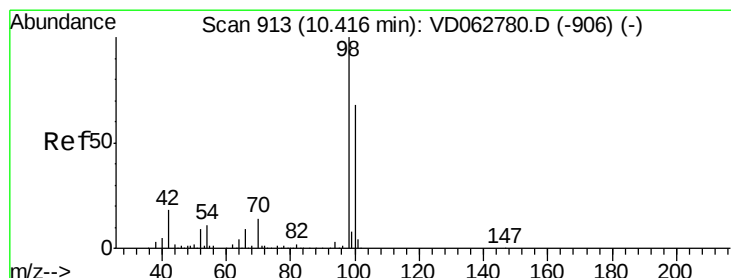
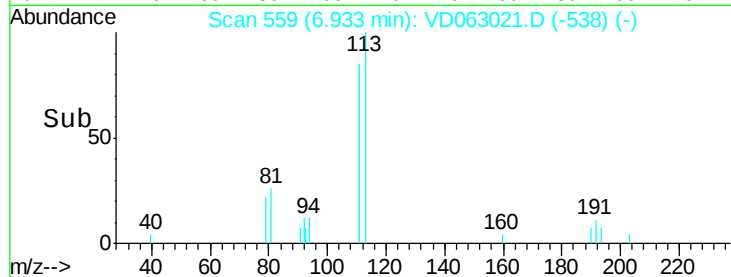
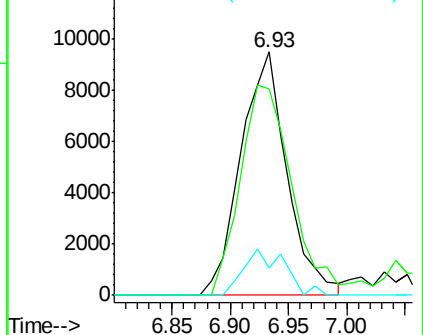
113 100

111 84.8 81.2 121.8

192 11.2 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: 43.570 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063021.D

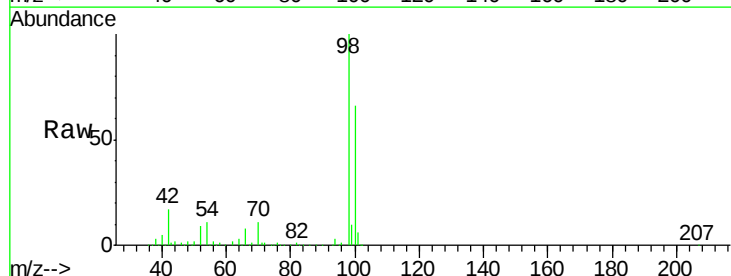
Acq: 3 Jul 2019 13:19

Tgt Ion: 98 Resp: 1064591

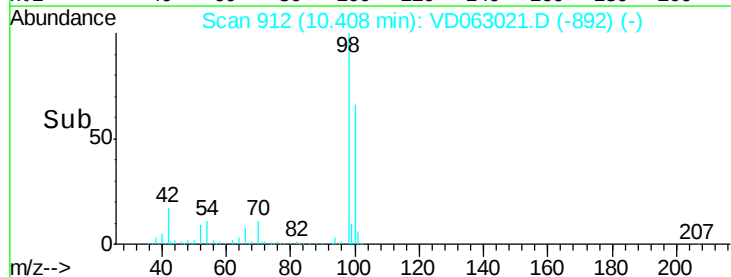
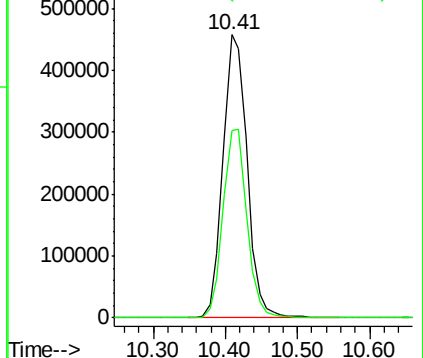
Ion Ratio Lower Upper

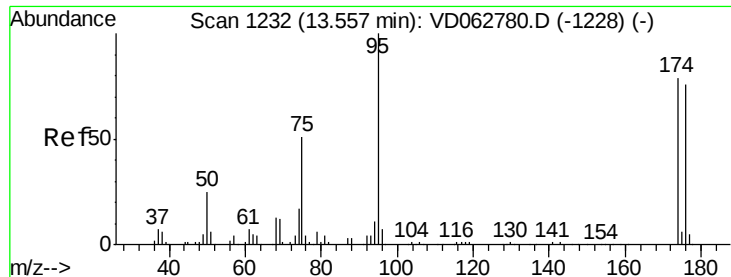
98 100

100 66.1 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 41.771 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063021.D

Acq: 3 Jul 2019 13:19

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-011

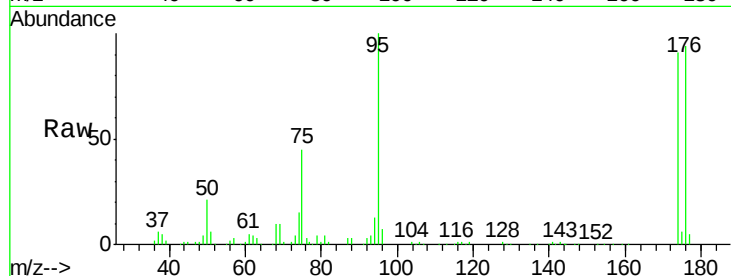
Tot Ion: 95 Resp: 464085

Ion Ratio Lower Upper

95 100

174 91.2 0.0 158.0

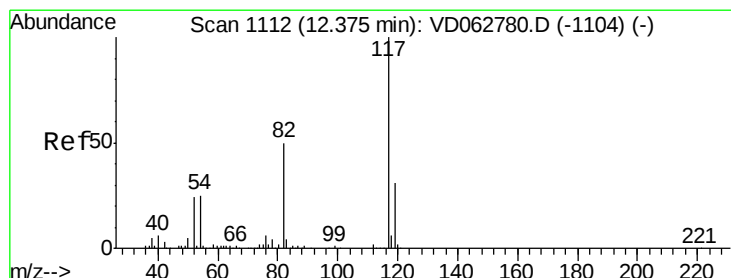
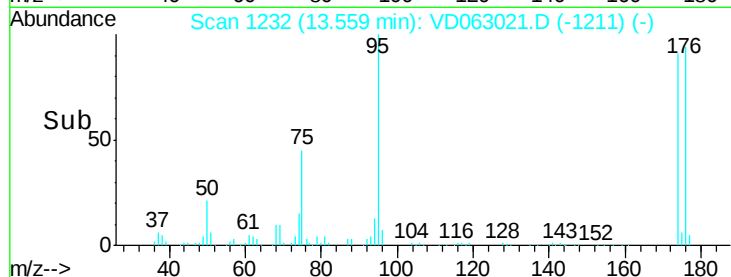
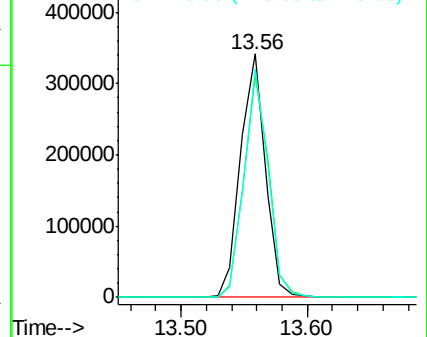
176 93.8 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): V

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: 12.37 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD063021.D

Acq: 3 Jul 2019 13:19

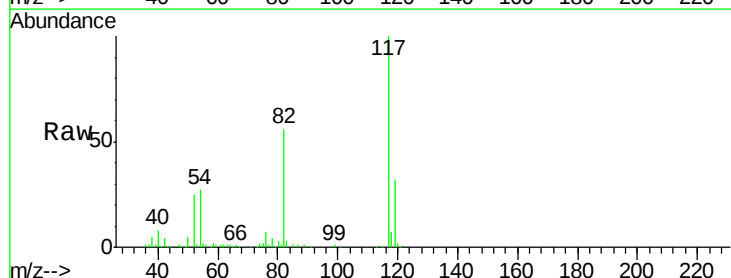
Tgt Ion: 117 Resp: 1089863

Ion Ratio Lower Upper

117 100

82 56.1 40.4 60.6

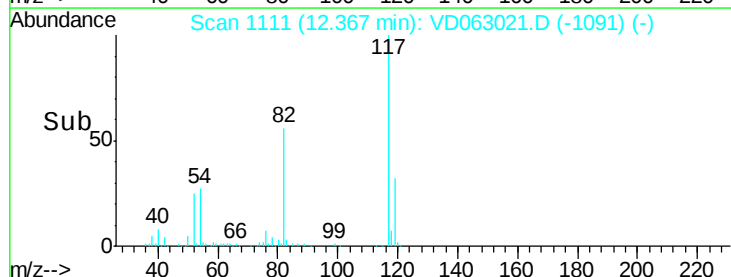
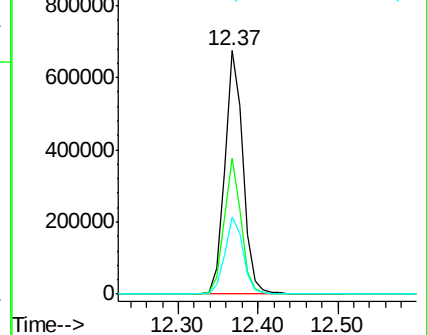
119 32.0 25.2 37.8

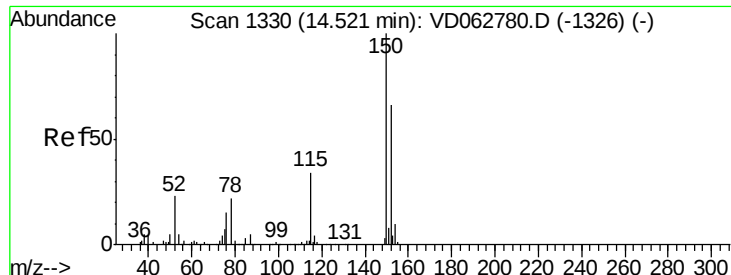


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063021.D

Acq: 3 Jul 2019 13:19

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-011

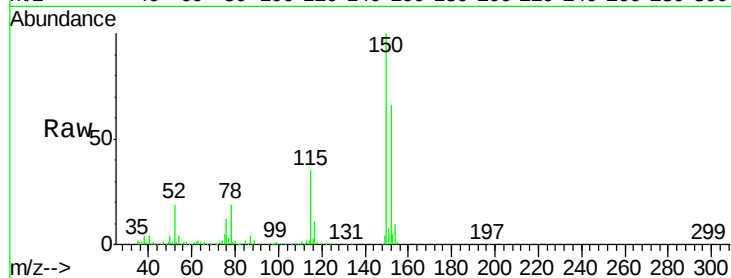
Tot Ion:152 Resp: 584843

Ion Ratio Lower Upper

152 100

115 53.4 29.2 87.6

150 151.2 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

