

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062619\
 Data File : VD062912.D
 Acq On : 26 Jun 2019 12:48
 Operator : VA/AP
 Sample : K3530-02
 Misc : 6.40g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-044-A

Quant Time: Jun 27 09:15:44 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

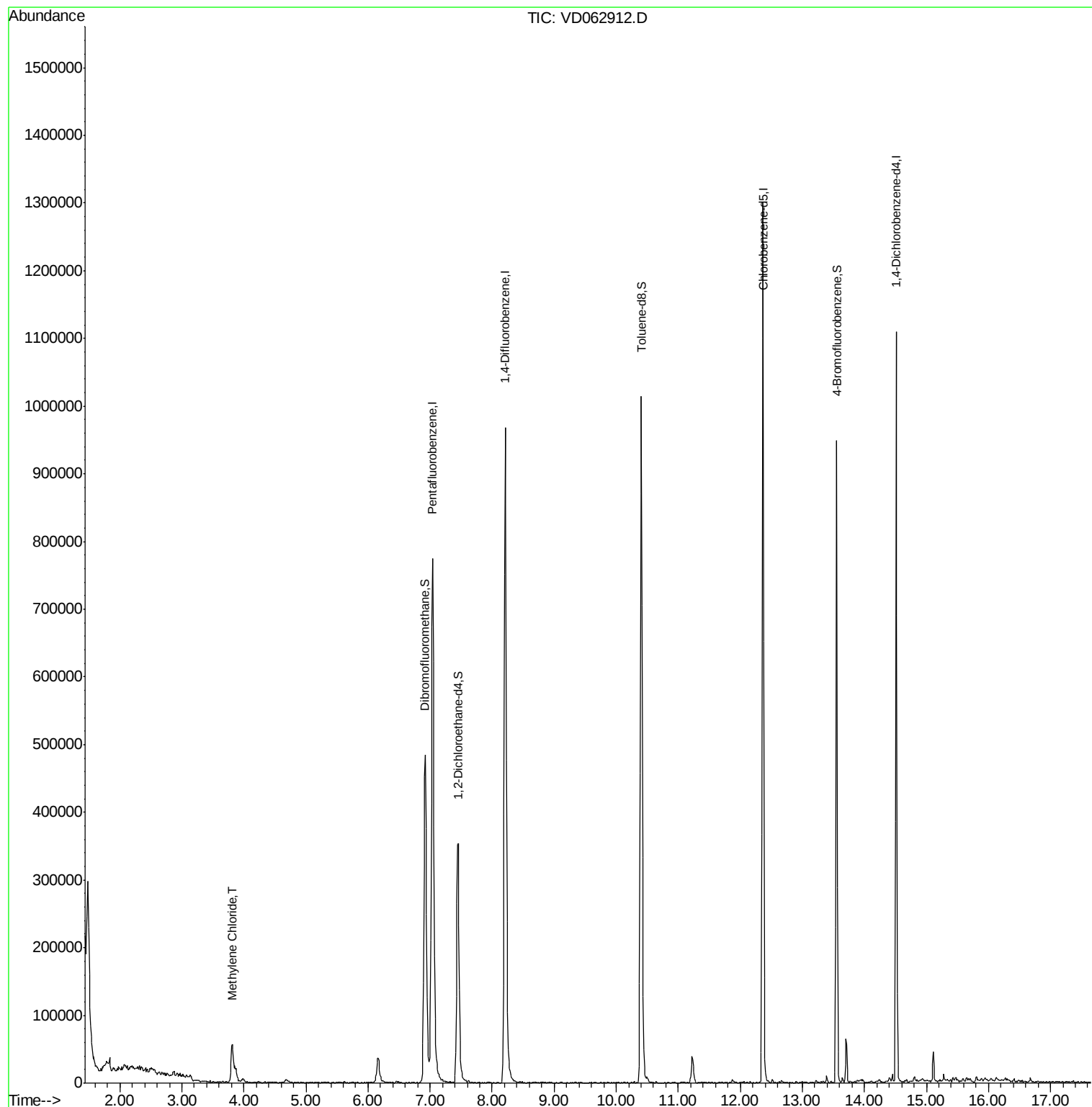
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	712752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1038632	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	698905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	232043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	418672	54.04	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	108.08%	
35) Dibromofluoromethane	6.92	113	434514	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	10.41	98	797396	41.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.66%	
62) 4-Bromofluorobenzene	13.55	95	288435	33.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.56%	
Target Compounds						
20) Methylene Chloride	3.80	84	33734	5.709	ug/l #	88

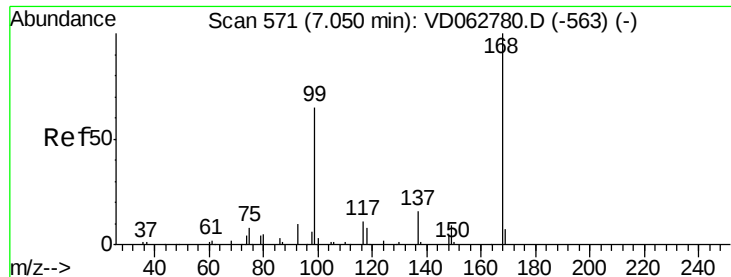
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062619\
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QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062912.D

Acq: 26 Jun 2019 12:48

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MSVOA_D

ClientSampleId :

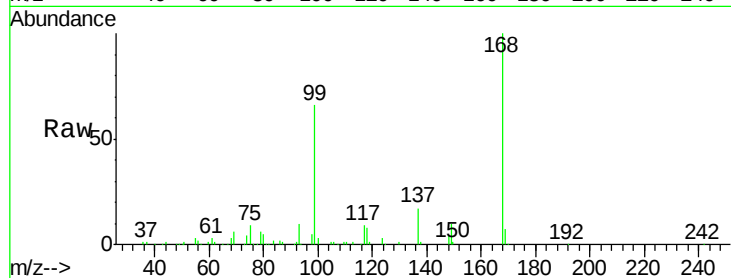
FK-GF-02-044-A

Tot Ion:168 Resp: 712752

Ion Ratio Lower Upper

168 100

99 66.0 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

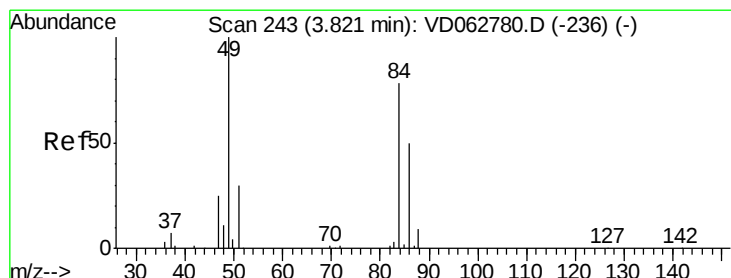
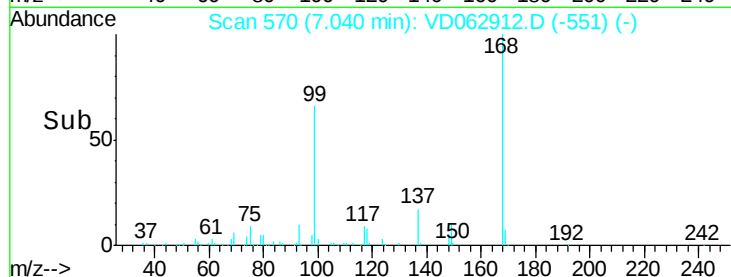
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.709 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD062912.D

Acq: 26 Jun 2019 12:48

Tgt Ion: 84 Resp: 33734

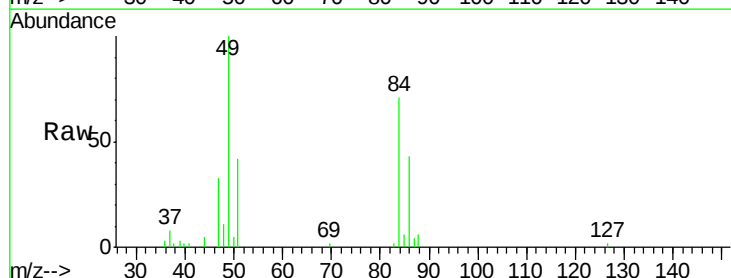
Ion Ratio Lower Upper

84 100

49 140.4 102.9 154.3

51 58.3 31.2 46.8#

86 60.4 51.4 77.2



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3.80

25000

20000

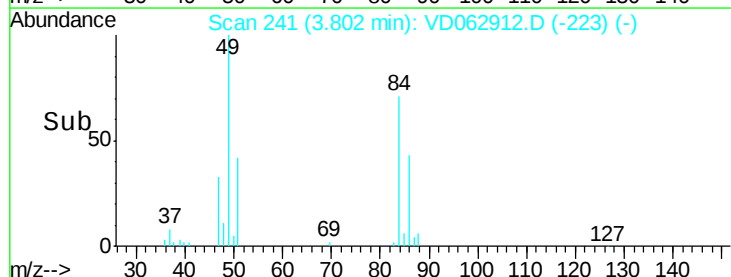
15000

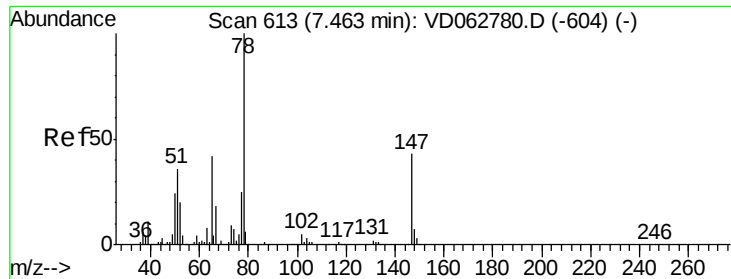
10000

5000

0

Time-->

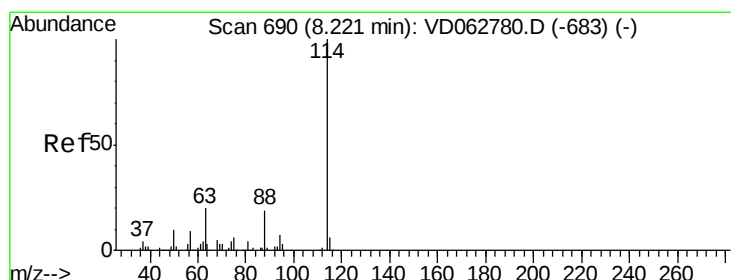
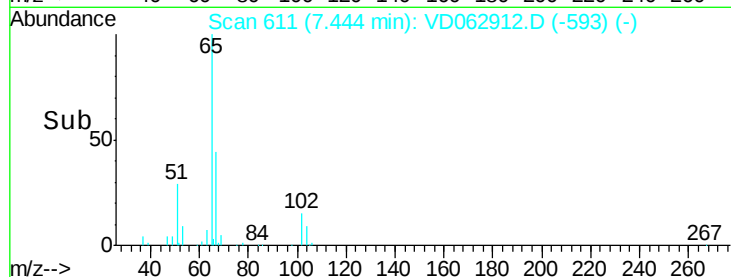
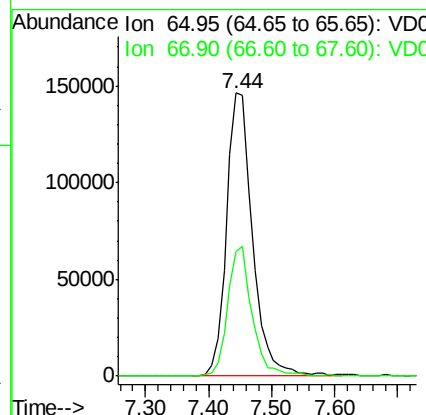
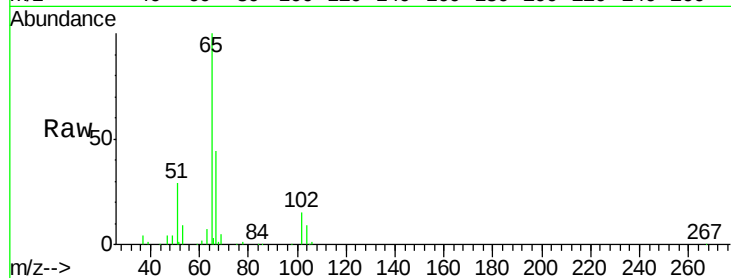




#33
 1,2-Dichloroethane-d4
 Concen: 54.040 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD062912.D
 Acq: 26 Jun 2019 12:48

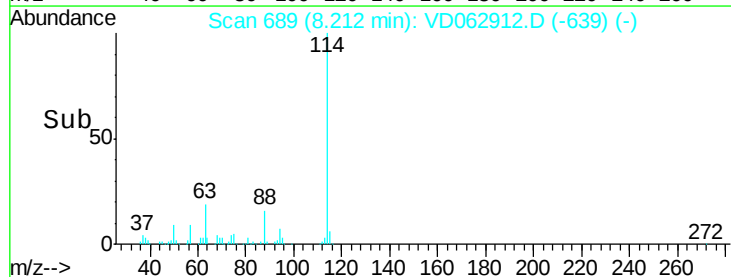
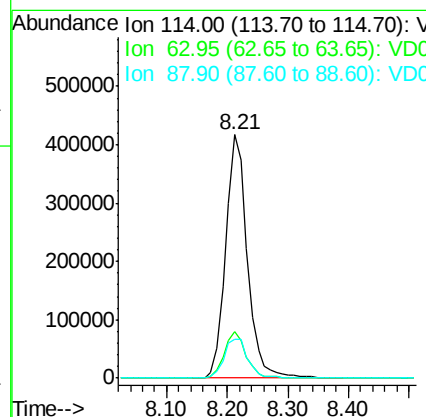
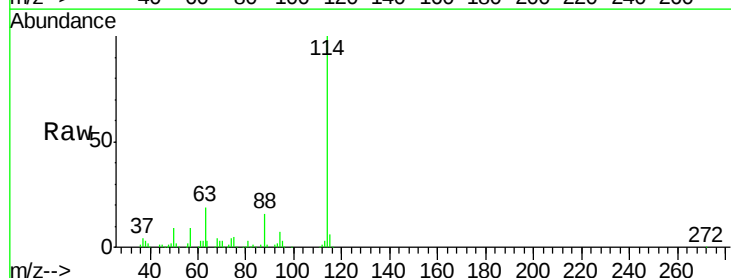
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-044-A

Tot Ion: 65 Resp: 418672
 Ion Ratio Lower Upper
 65 100
 67 44.2 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD062912.D
 Acq: 26 Jun 2019 12:48

Tgt Ion: 114 Resp: 1038632
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 15.9 0.0 38.8





#35

Dibromofluoromethane

Concen: 49.615 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062912.D

Acq: 26 Jun 2019 12:48

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-044-A

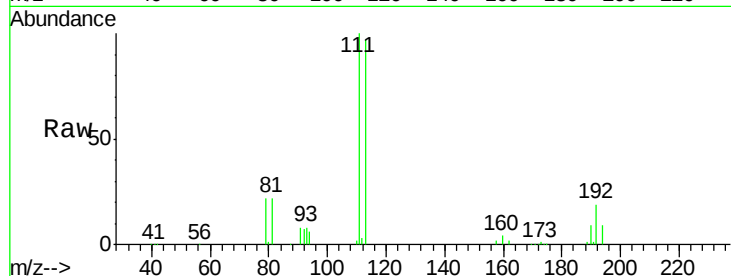
Tot Ion:113 Resp: 434514

Ion Ratio Lower Upper

113 100

111 102.7 81.2 121.8

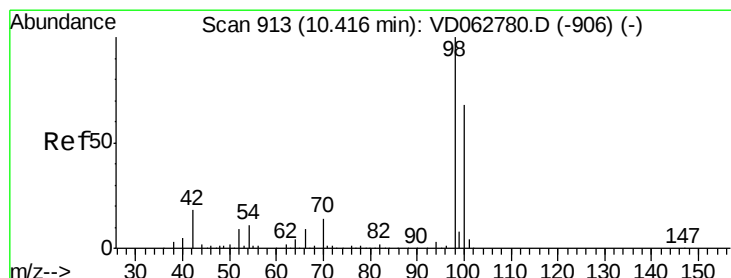
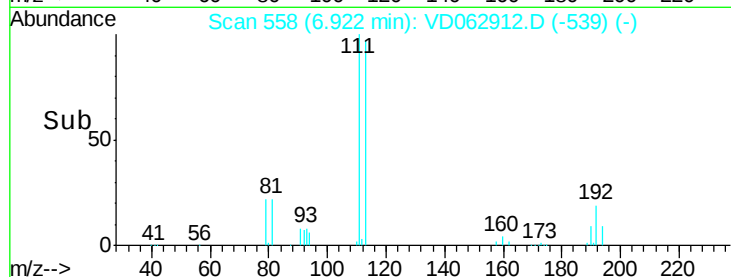
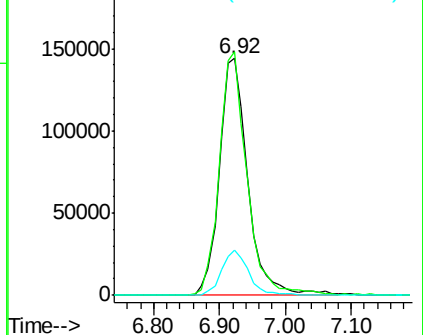
192 19.1 12.9 19.3



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: 41.834 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062912.D

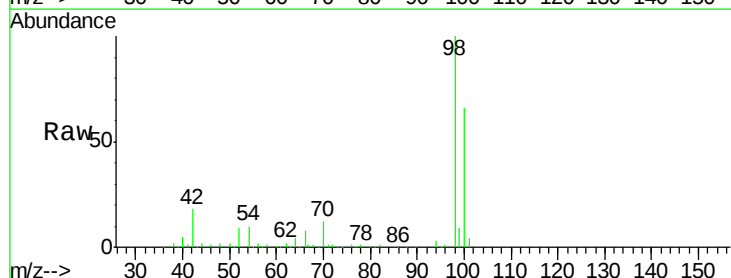
Acq: 26 Jun 2019 12:48

Tgt Ion: 98 Resp: 797396

Ion Ratio Lower Upper

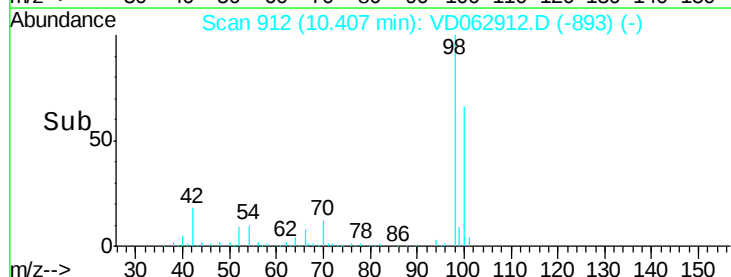
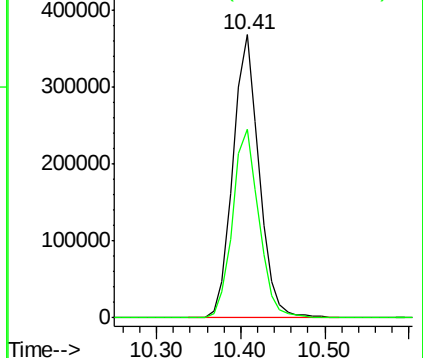
98 100

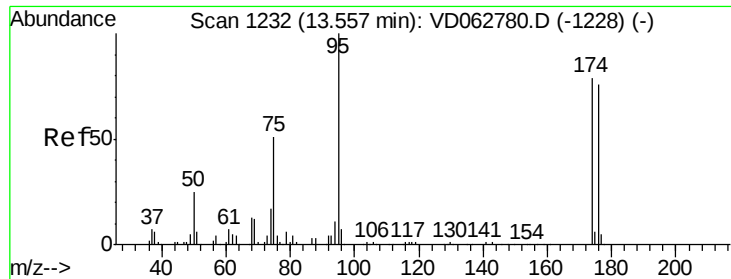
100 66.5 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

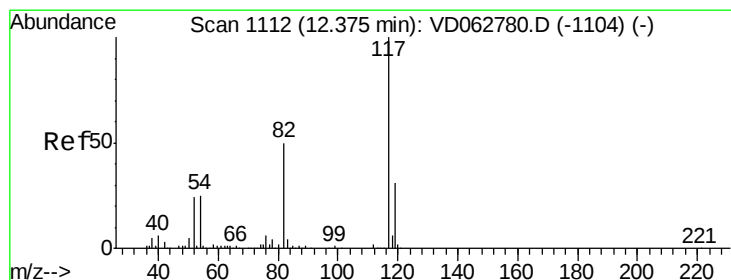
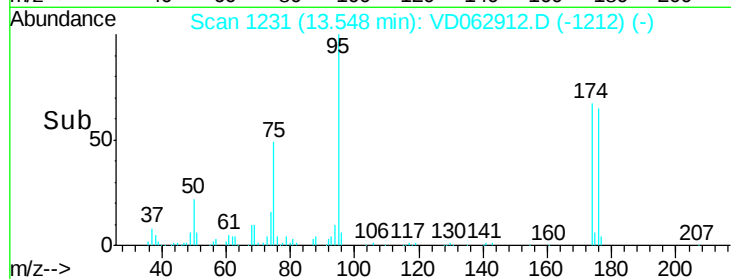
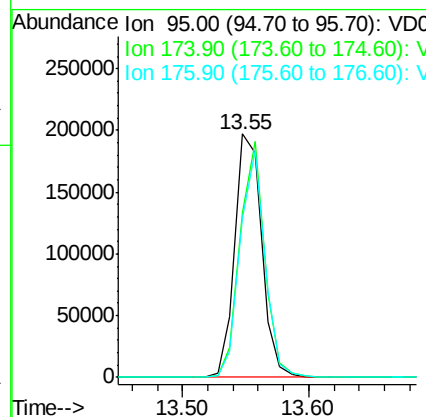
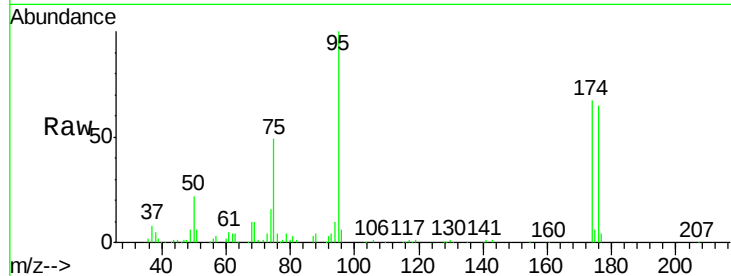




#62
4-Bromofluorobenzene
Concen: 33.279 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062912.D
Acq: 26 Jun 2019 12:48

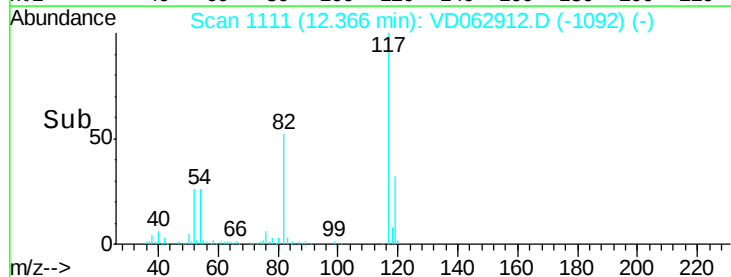
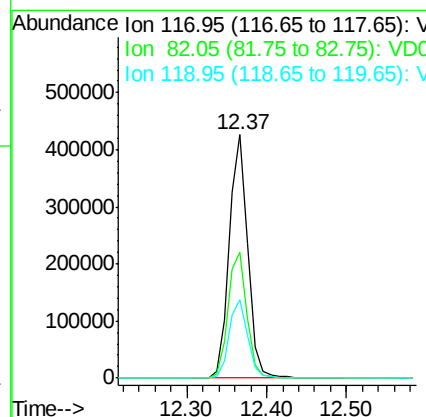
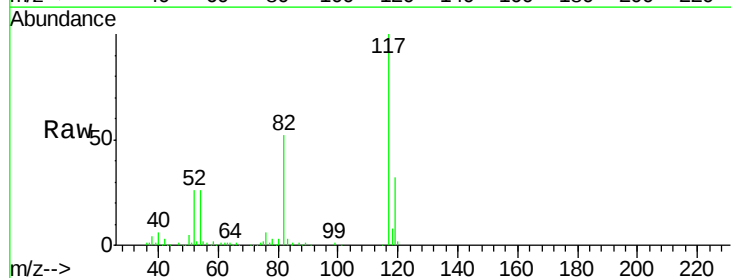
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-044-A

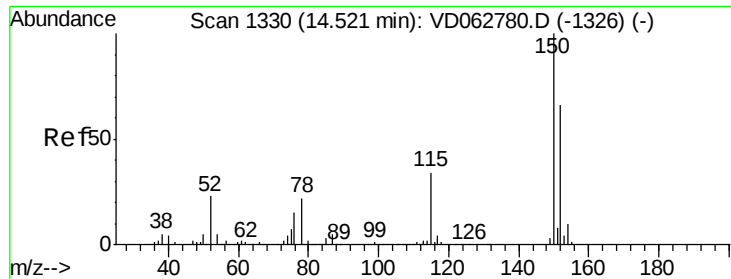
Tot Ion	95	Resp	288435
Ion Ratio	100		
174	67.3	0.0	158.0
176	65.4	0.0	151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062912.D
Acq: 26 Jun 2019 12:48

Tgt Ion	117	Resp	698905
Ion Ratio	100		
82	51.7	40.4	60.6
119	32.5	25.2	37.8



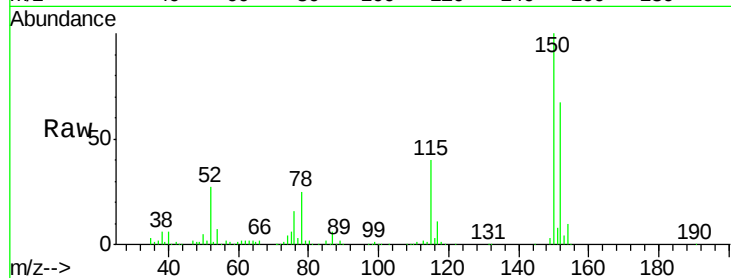


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD062912.D
 Acq: 26 Jun 2019 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-044-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.2	87.6
150	150.3	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

