

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062824.D
 Acq On : 21 Jun 2019 18:48
 Operator : VA/AP
 Sample : K3152-02
 Misc : 5.36g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-04-003

Quant Time: Jun 22 05:01:33 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

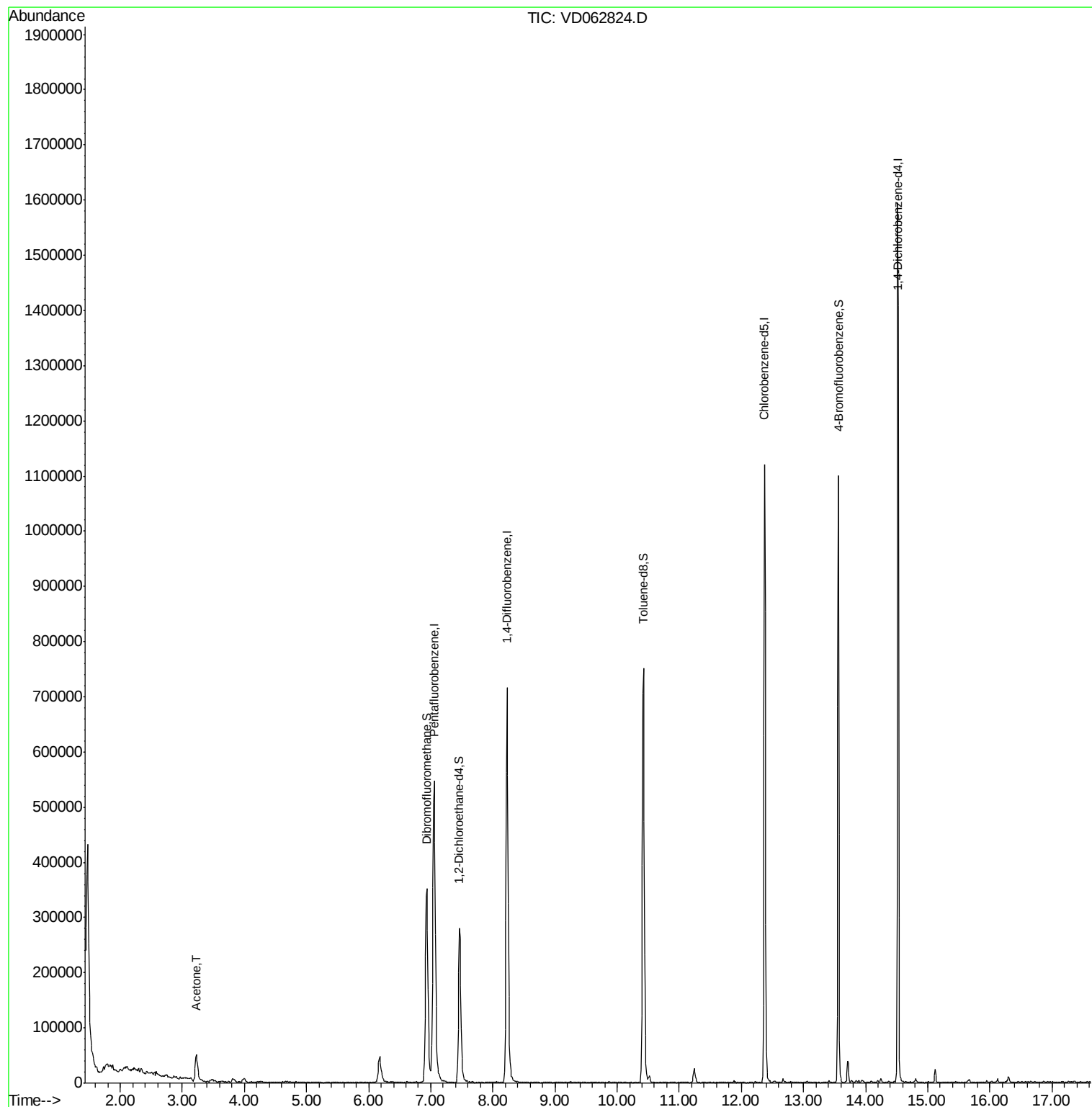
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	516658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	710810	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	581616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	364567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	323750	57.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.30%	
35) Dibromofluoromethane	6.94	113	308659	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
50) Toluene-d8	10.42	98	598110	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
62) 4-Bromofluorobenzene	13.56	95	272883	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
Target Compounds						
16) Acetone	3.23	43	105321	87.943	ug/l #	Qvalue 91

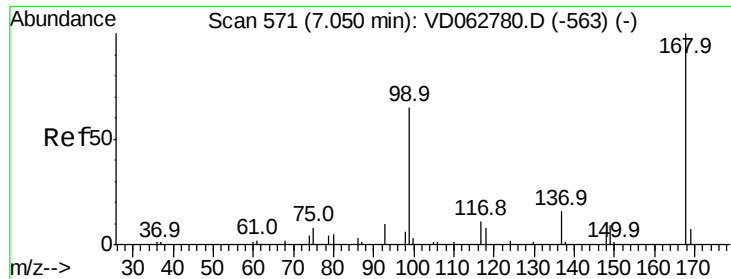
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062824.D

Acq: 21 Jun 2019 18:48

Instrument :

MSVOA_D

ClientSampleId :

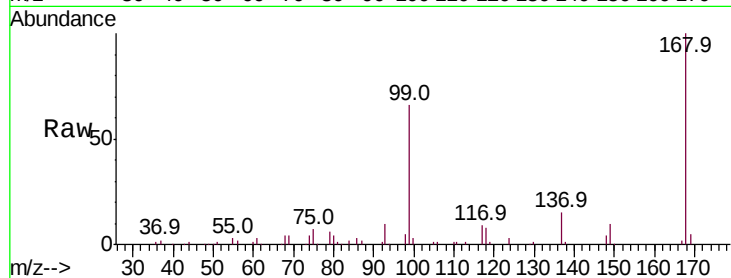
FK-BPM-04-003

Tot Ion:168 Resp: 516658

Ion Ratio Lower Upper

168 100

99 66.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

200000

150000

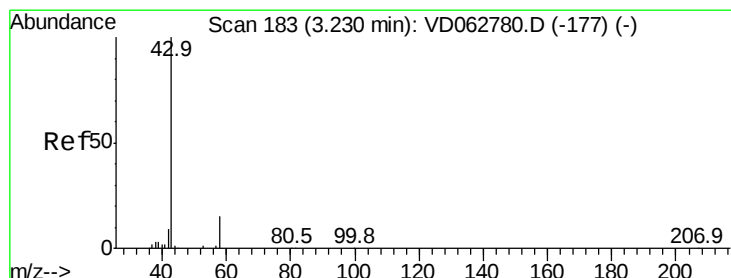
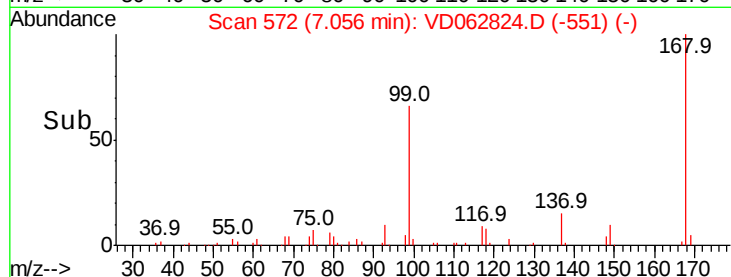
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 87.943 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062824.D

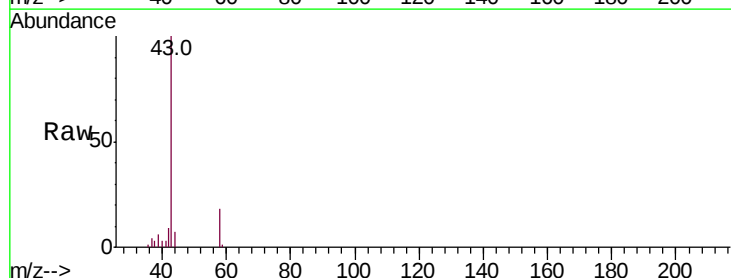
Acq: 21 Jun 2019 18:48

Tgt Ion: 43 Resp: 105321

Ion Ratio Lower Upper

43 100

58 18.4 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

30000

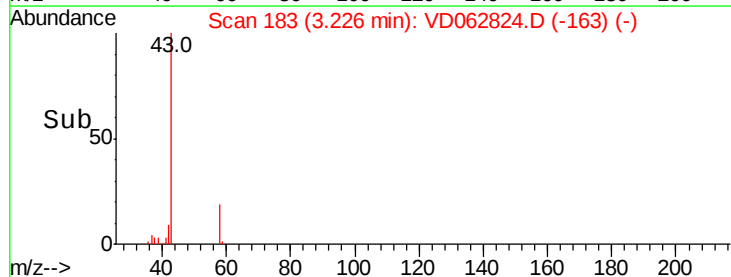
20000

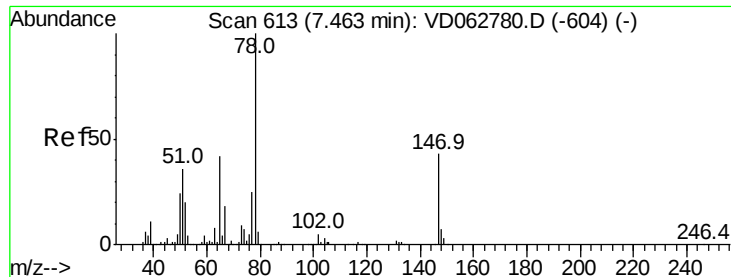
10000

0

3.10 3.20 3.30 3.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.648 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062824.D

Acq: 21 Jun 2019 18:48

Instrument :

MSVOA_D

ClientSampleId :

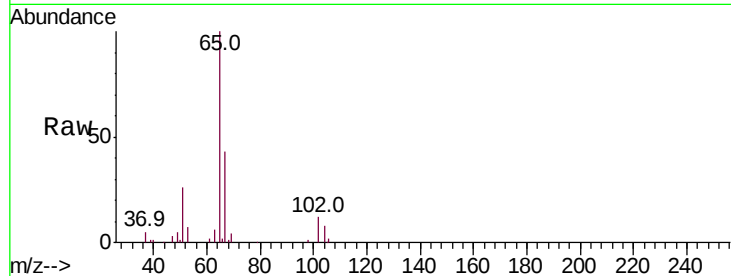
FK-BPM-04-003

Tot Ion: 65 Resp: 323750

Ion Ratio Lower Upper

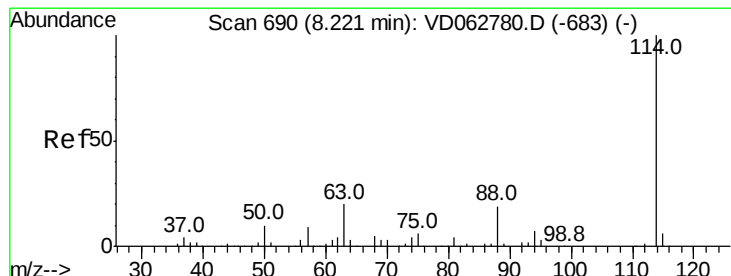
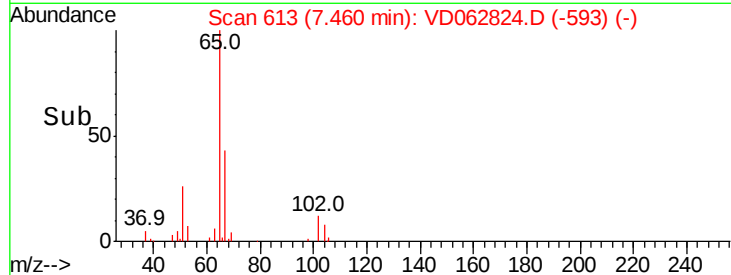
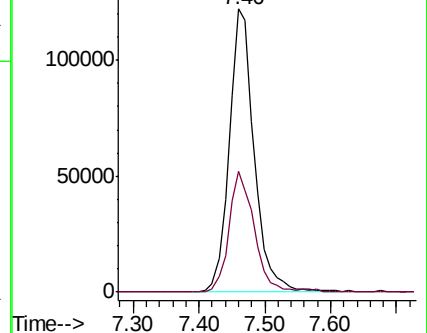
65 100

67 42.6 0.0 87.4



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: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062824.D

Acq: 21 Jun 2019 18:48

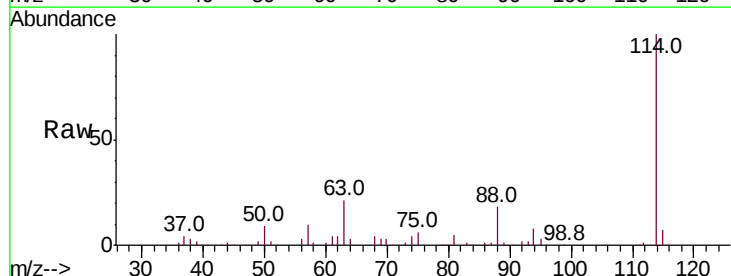
Tgt Ion: 114 Resp: 710810

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

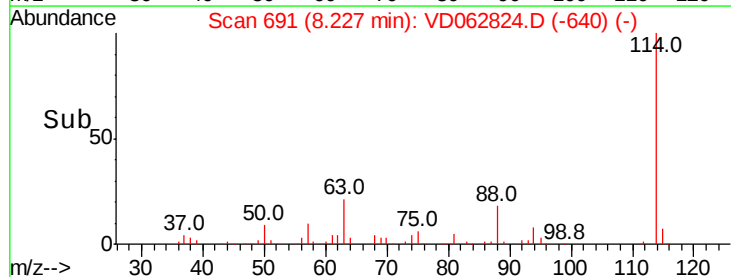
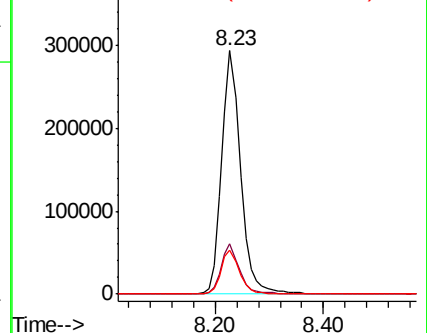
88 18.3 0.0 38.8

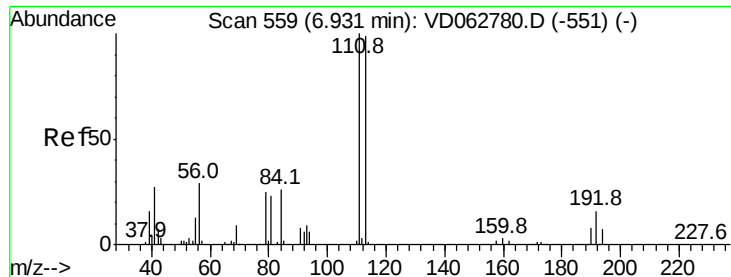


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 51.499 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062824.D

Acq: 21 Jun 2019 18:48

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-04-003

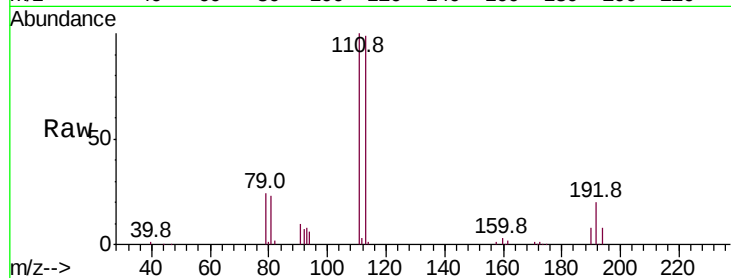
Tot Ion:113 Resp: 308659

Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

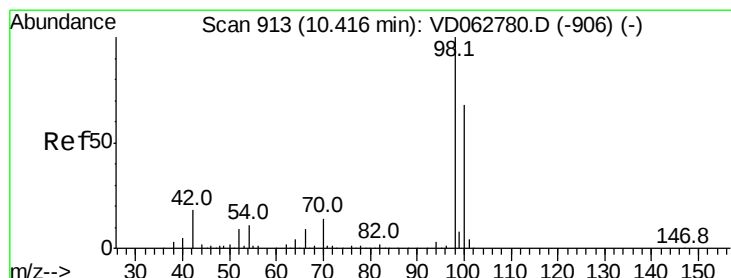
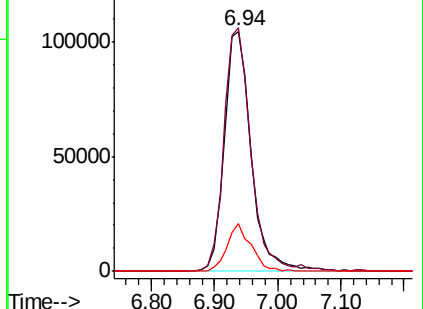
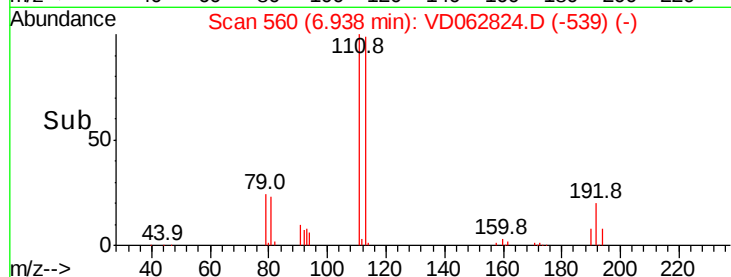
192 19.9 12.9 19.3#



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: 45.851 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062824.D

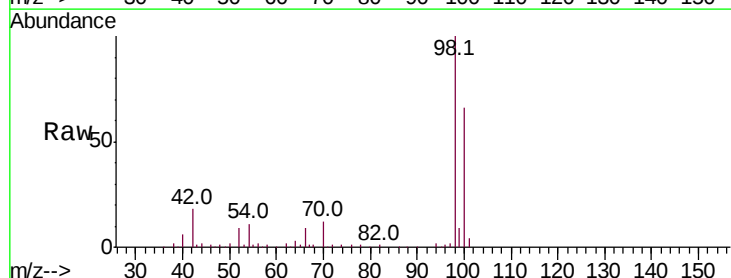
Acq: 21 Jun 2019 18:48

Tgt Ion: 98 Resp: 598110

Ion Ratio Lower Upper

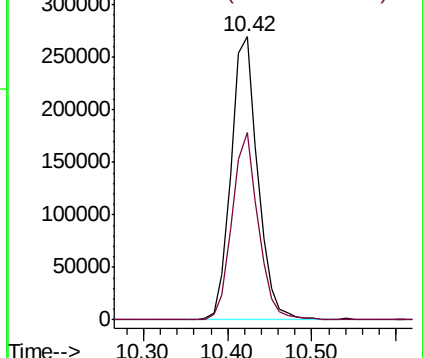
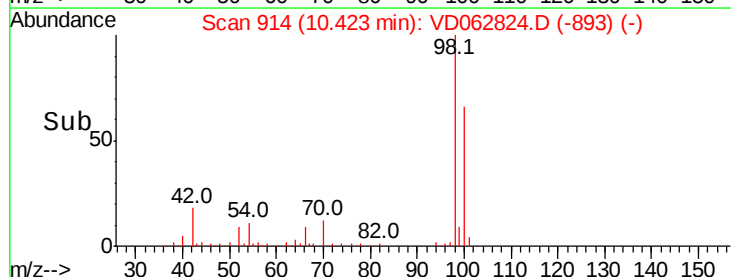
98 100

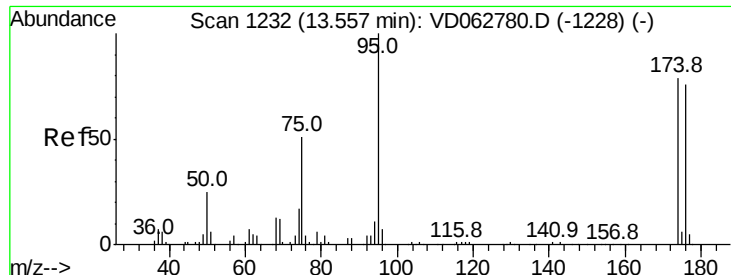
100 66.4 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

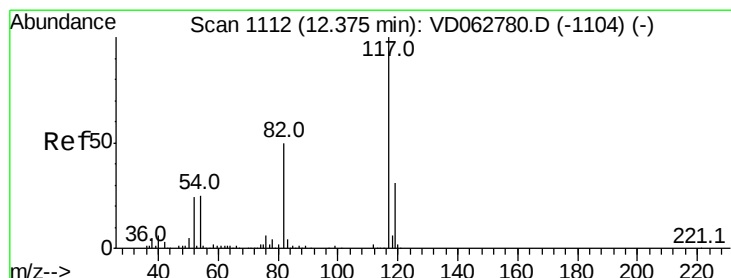
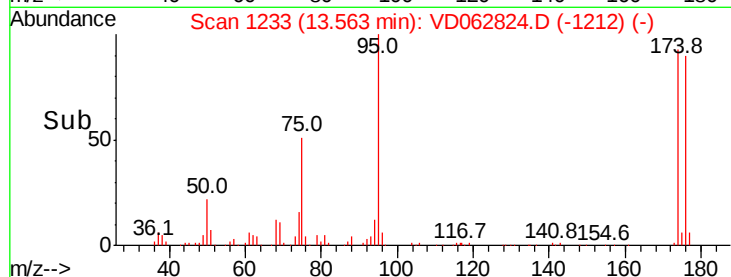
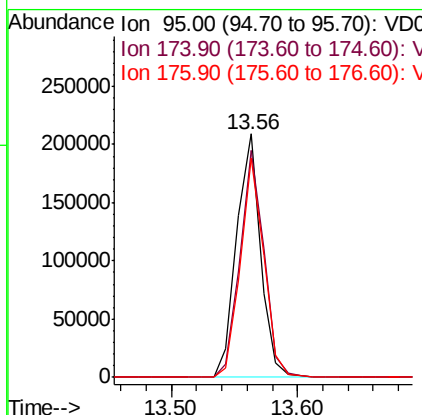
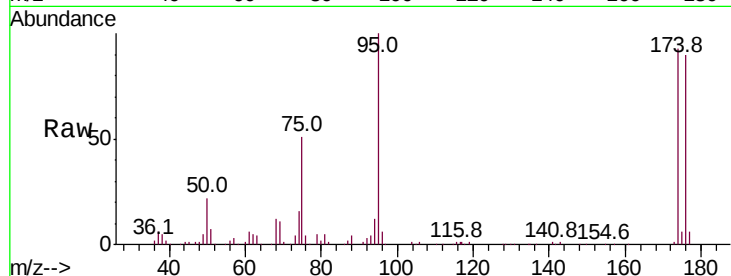




#62
4-Bromofluorobenzene
Concen: 46.006 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062824.D
Acq: 21 Jun 2019 18:48

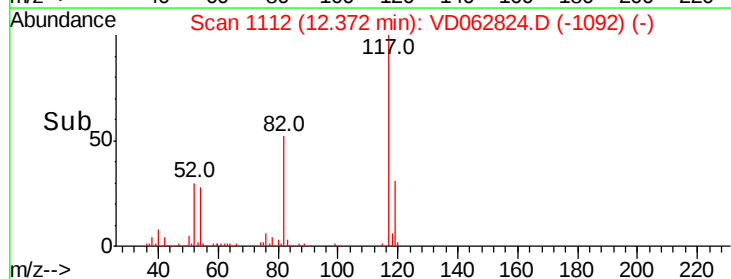
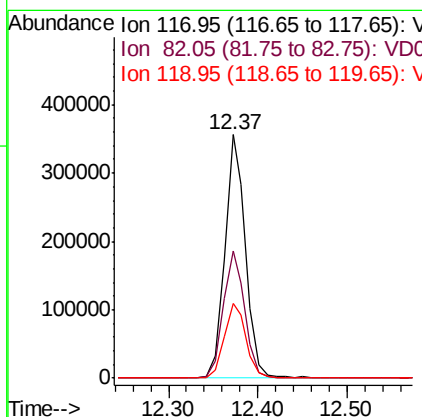
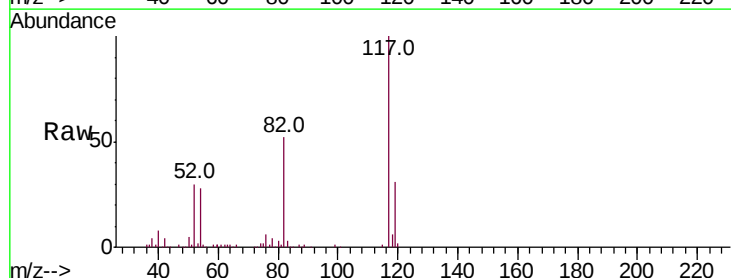
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-04-003

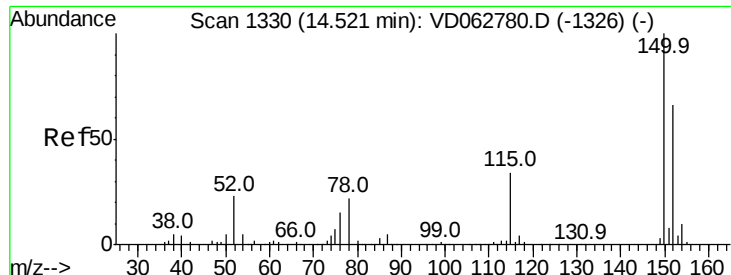
Tot Ion: 95 Resp: 272883
Ion Ratio Lower Upper
95 100
174 93.1 0.0 158.0
176 90.0 0.0 151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062824.D
Acq: 21 Jun 2019 18:48

Tgt Ion: 117 Resp: 581616
Ion Ratio Lower Upper
117 100
82 52.0 40.4 60.6
119 30.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062824.D
 Acq: 21 Jun 2019 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-04-003

Tot Ion:	152	Resp:	364567
Ion	Ratio	Lower	Upper
152	100		
115	51.0	29.2	87.6
150	152.0	0.0	305.8

