

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060419\
 Data File : VD062605.D
 Acq On : 4 Jun 2019 18:26
 Operator : FY/SY
 Sample : K3183-09
 Misc : 5.67g/5mL/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Jun 05 04:30:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

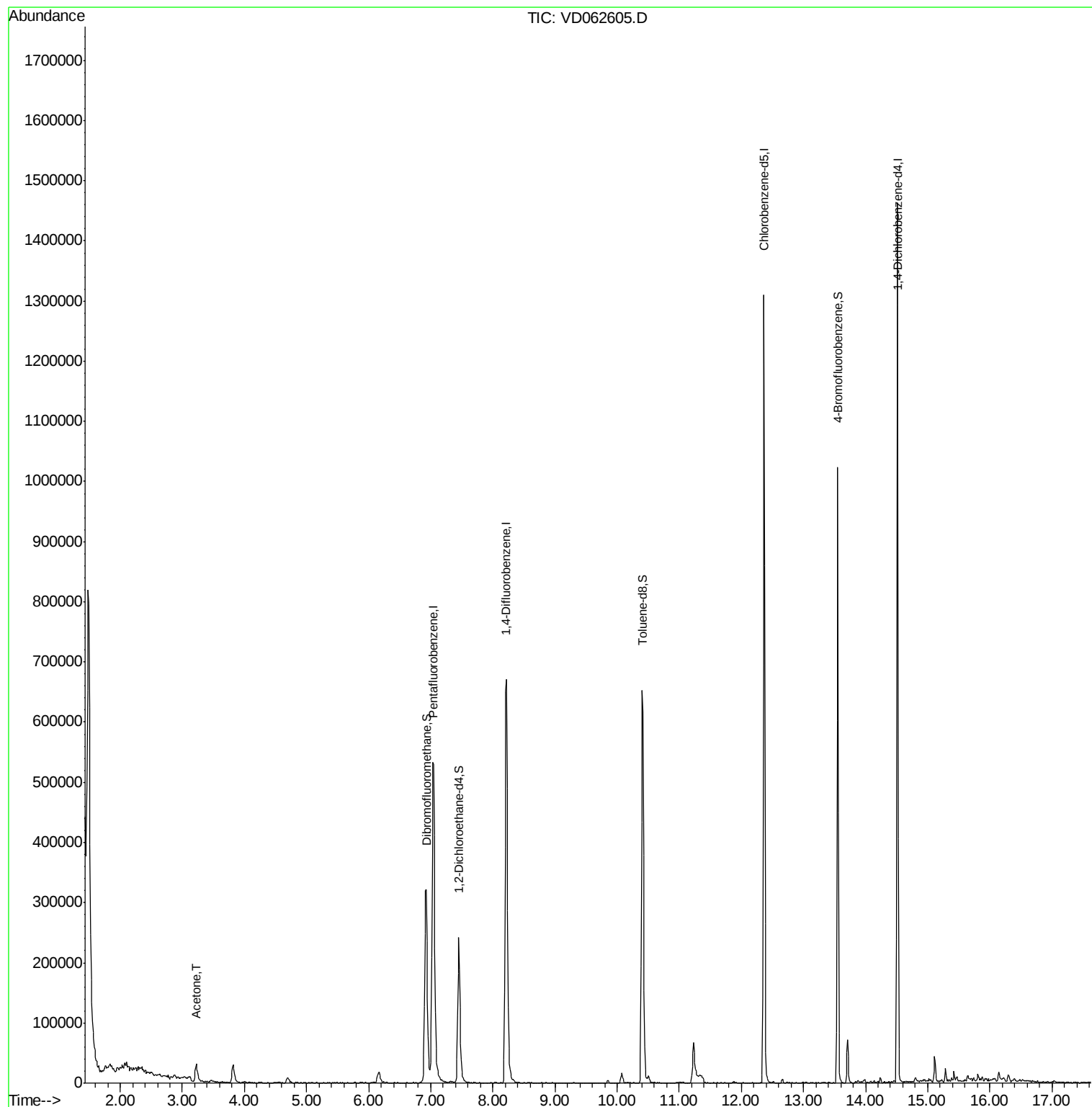
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	507005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	709575	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	616289	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	326727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	270082	45.43	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.86%	
35) Dibromofluoromethane	6.93	113	288718	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
50) Toluene-d8	10.40	98	531639	37.53	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.06%	
62) 4-Bromofluorobenzene	13.55	95	259428	40.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.20%	
Target Compounds						
16) Acetone	3.23	43	62213	53.263	ug/l	Qvalue 96

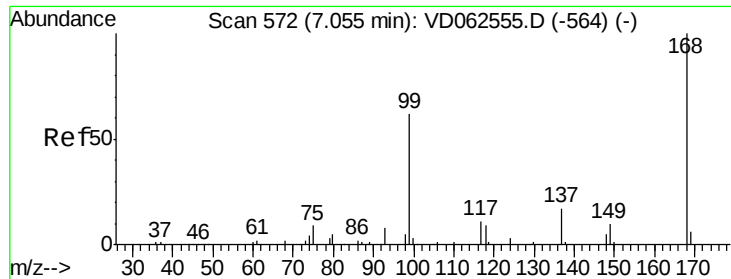
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD062605.D

Acq: 4 Jun 2019 18:26

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ClientSampleId :

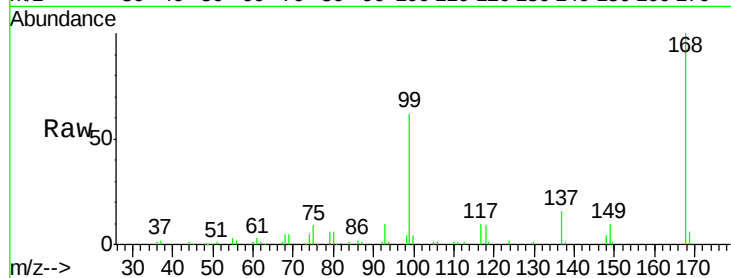
TP-3

Tot Ion:168 Resp: 507005

Ion Ratio Lower Upper

168 100

99 62.1 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

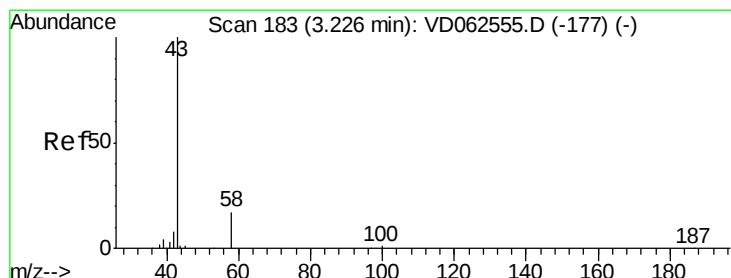
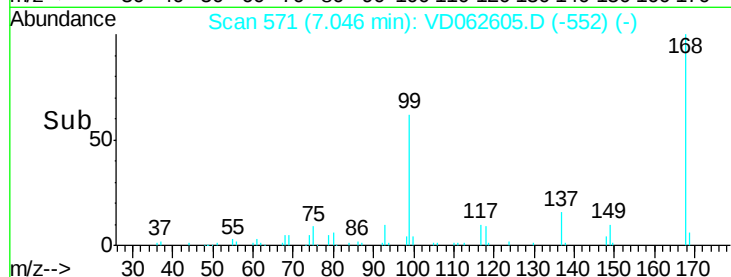
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 53.263 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD062605.D

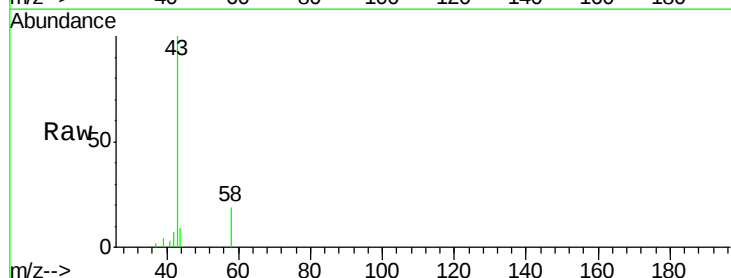
Acq: 4 Jun 2019 18:26

Tgt Ion: 43 Resp: 62213

Ion Ratio Lower Upper

43 100

58 18.9 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

25000

20000

15000

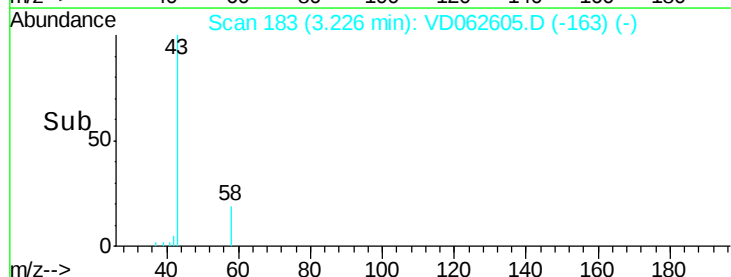
10000

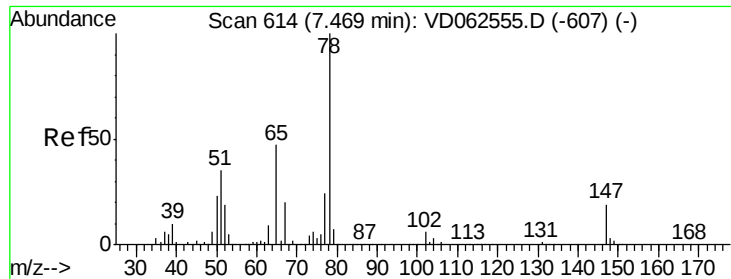
5000

0

3.10 3.20 3.30

Time-->

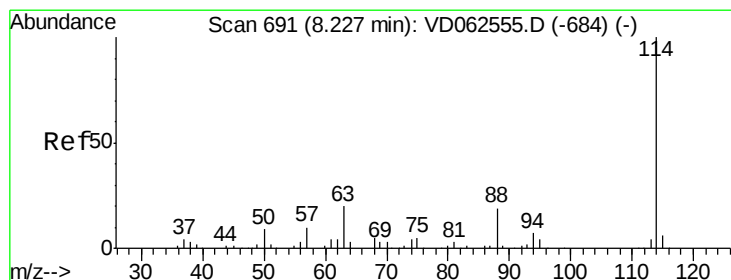
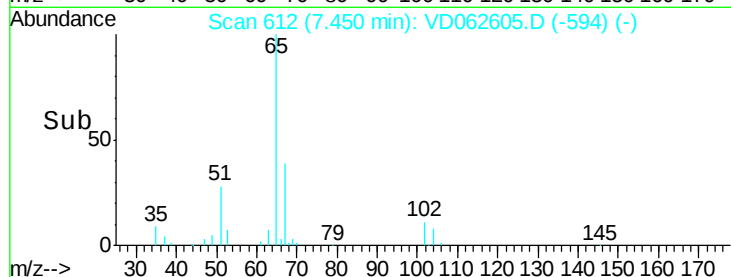
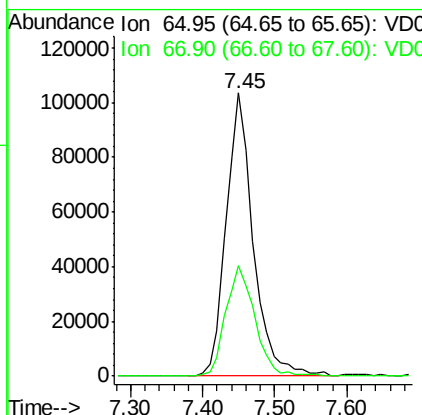
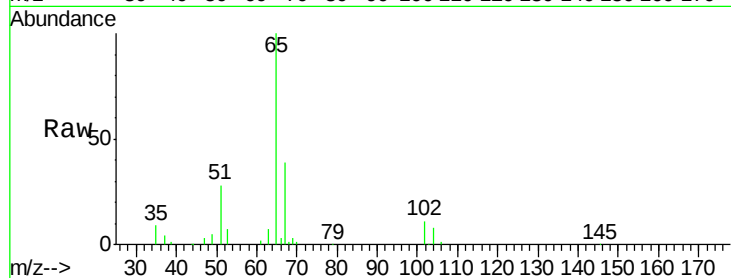




#33
 1,2-Dichloroethane-d4
 Concen: 45.432 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD062605.D
 Acq: 4 Jun 2019 18:26

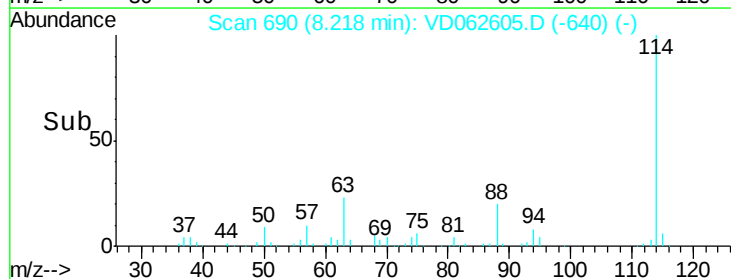
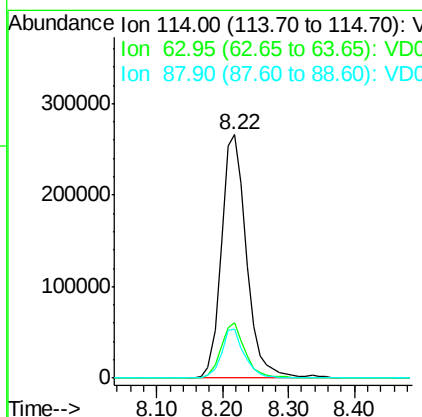
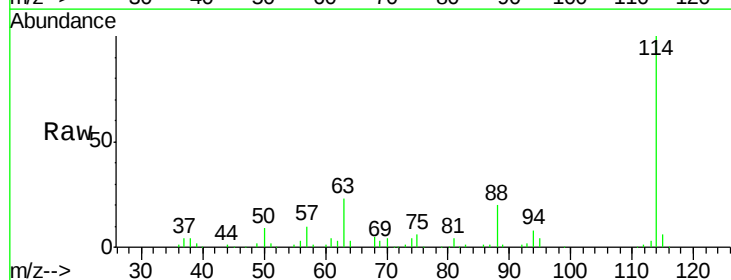
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

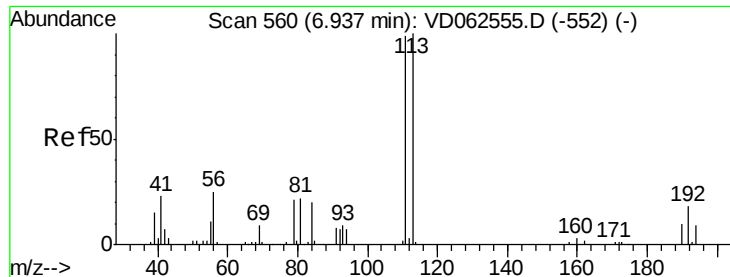
Tot Ion: 65 Resp: 270082
 Ion Ratio Lower Upper
 65 100
 67 39.2 0.0 83.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD062605.D
 Acq: 4 Jun 2019 18:26

Tgt Ion: 114 Resp: 709575
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 40.6
 88 20.2 0.0 37.6





#35

Dibromofluoromethane

Concen: 44.651 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062605.D

Acq: 4 Jun 2019 18:26

Instrument :

MSVOA_D

ClientSampleId :

TP-3

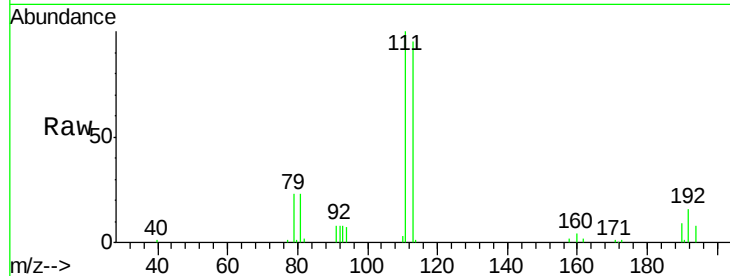
Tot Ion:113 Resp: 288718

Ion Ratio Lower Upper

113 100

111 105.3 78.8 118.2

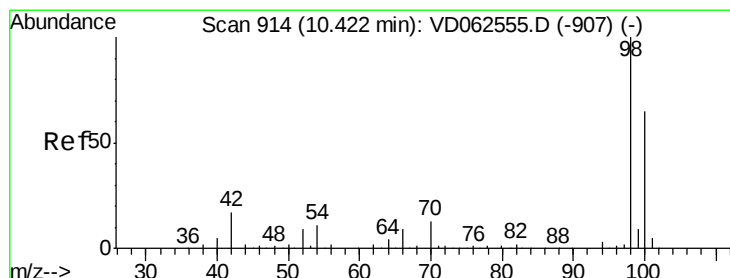
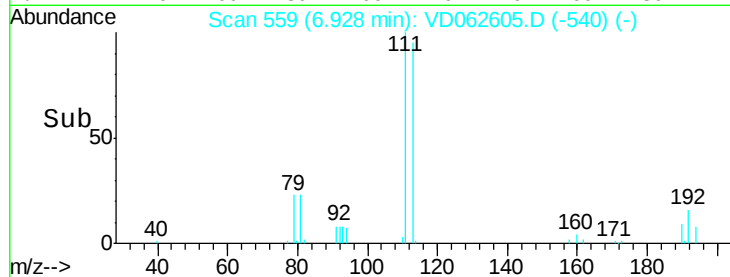
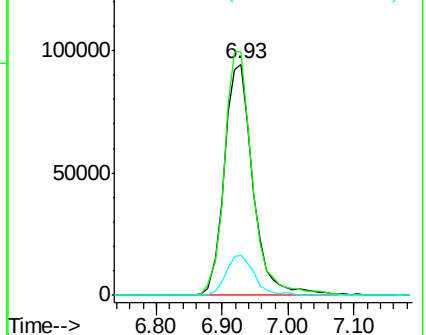
192 17.3 14.6 22.0



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: 37.526 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD062605.D

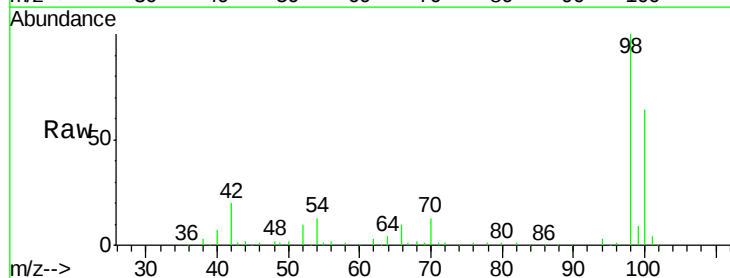
Acq: 4 Jun 2019 18:26

Tgt Ion: 98 Resp: 531639

Ion Ratio Lower Upper

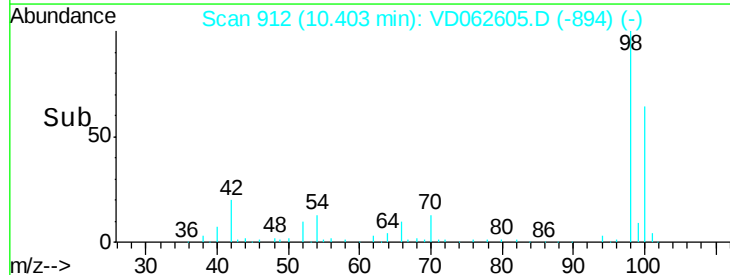
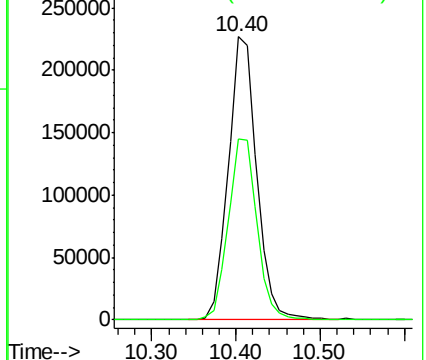
98 100

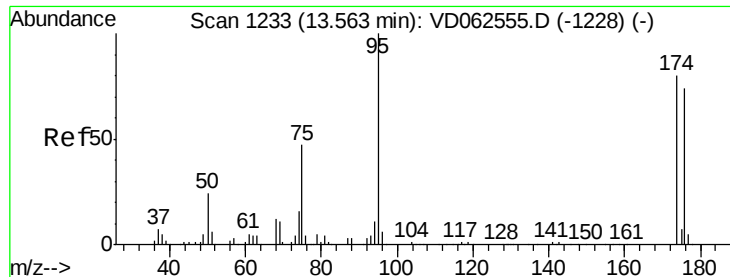
100 64.0 52.3 78.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 40.605 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD062605.D

Acq: 4 Jun 2019 18:26

Instrument :

MSVOA_D

ClientSampled :

TP-3

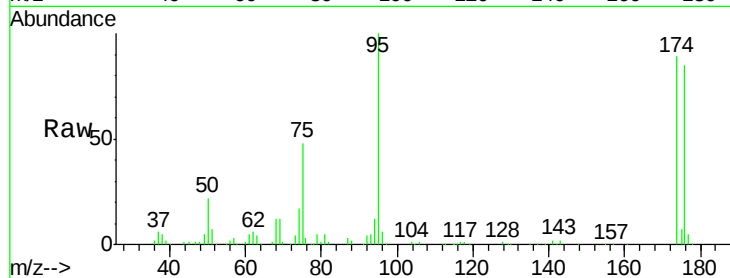
Tot Ion: 95 Resp: 259428

Ion Ratio Lower Upper

95 100

174 89.4 0.0 160.2

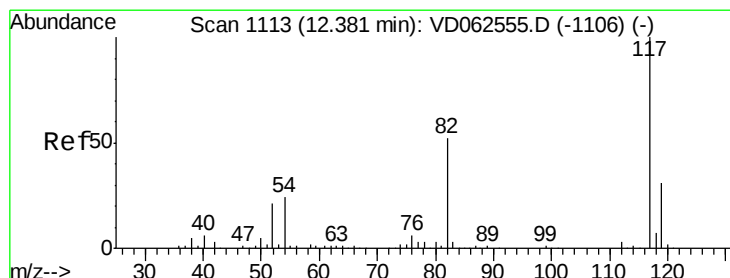
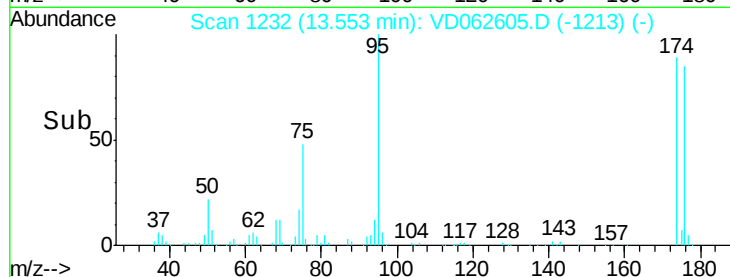
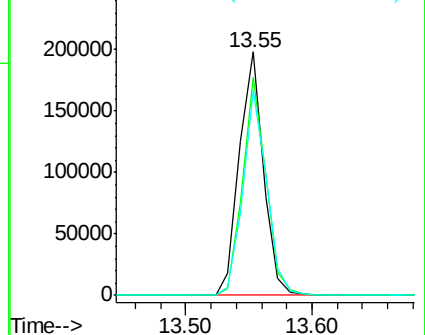
176 84.5 0.0 148.0



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: 12.36 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VD062605.D

Acq: 4 Jun 2019 18:26

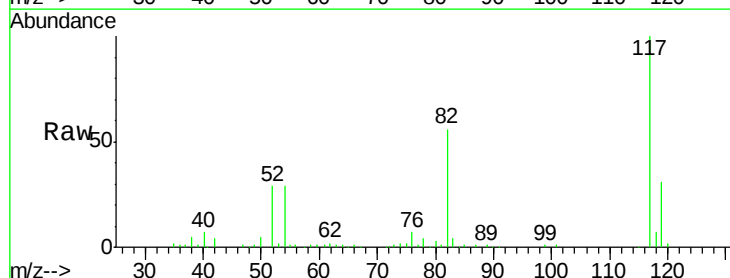
Tgt Ion: 117 Resp: 616289

Ion Ratio Lower Upper

117 100

82 56.0 41.4 62.2

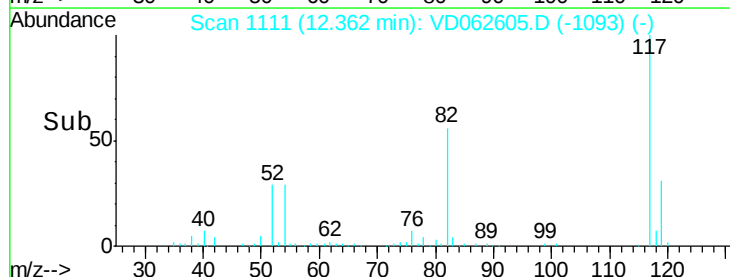
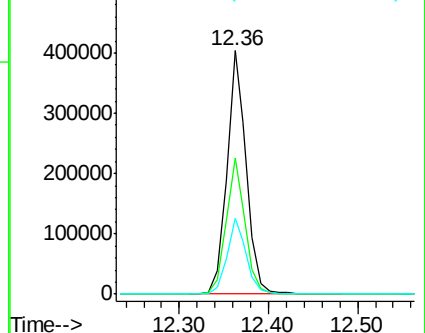
119 31.4 24.9 37.3

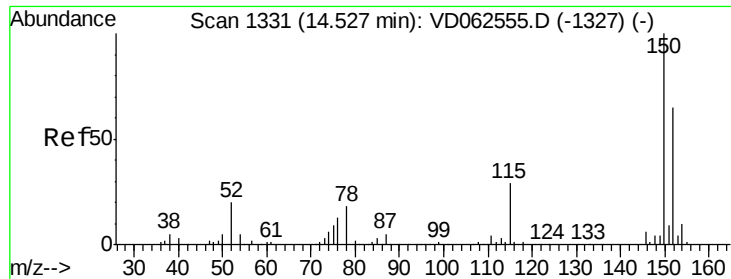


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

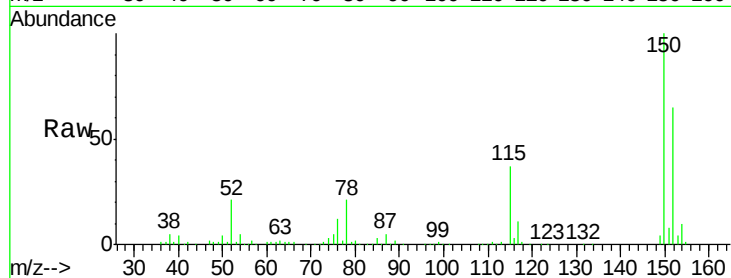




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD062605.D
 Acq: 4 Jun 2019 18:26

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Tot Ion:152 Resp: 326727
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.4 85.3
 150 155.0 0.0 310.4



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

