

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062093.D
 Acq On : 30 Apr 2019 18:00
 Operator : FY/SY
 Sample : K2204-05
 Misc : 5.92g/5mL/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-043019

Quant Time: May 01 01:57:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

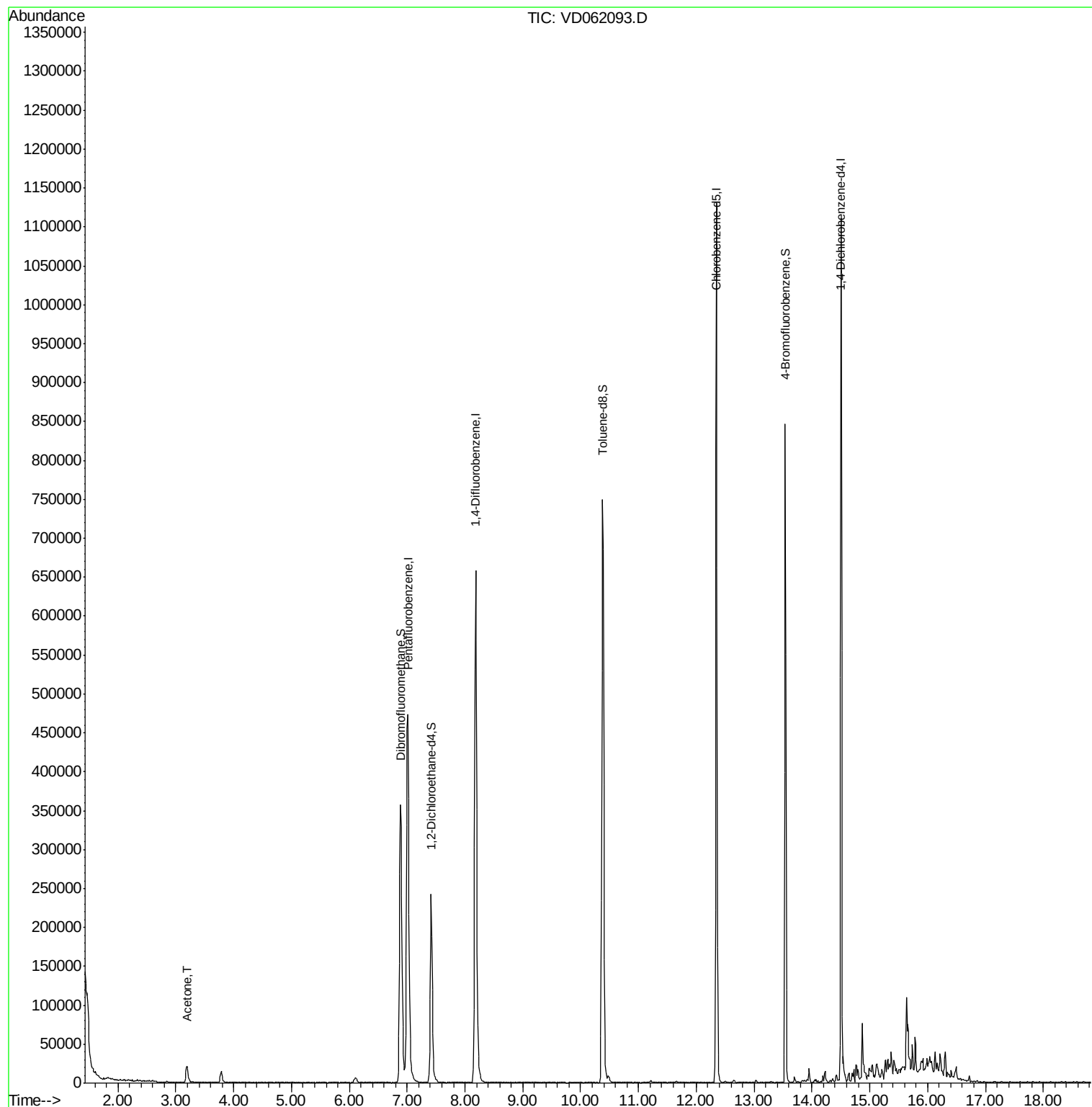
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	497173	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.18	114	812725	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.35	117	674504	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.50	152	245423	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	231313	59.45	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	118.90%	
35) Dibromofluoromethane	6.88	113	337122	59.98	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	119.96%	
50) Toluene-d8	10.38	98	669912	50.09	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	13.54	95	255248	47.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.16%	
Target Compounds						
16) Acetone	3.19	43	43415	46.728	ug/l	Qvalue 95

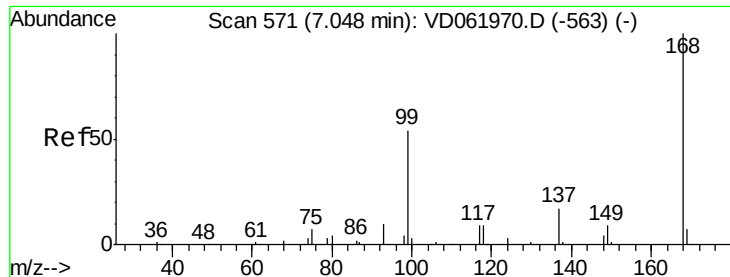
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.04 min

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MSVOA_D

ClientSampleId :

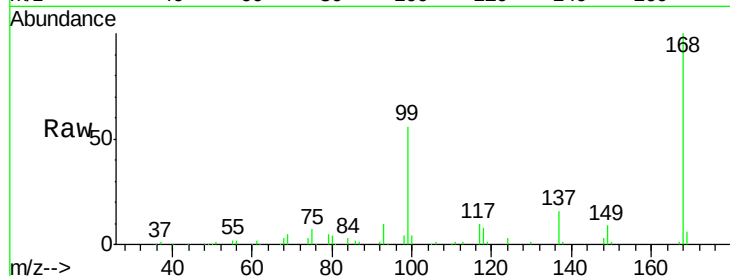
TR-04-043019

Tot Ion:168 Resp: 497173

Ion Ratio Lower Upper

168 100

99 55.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.01

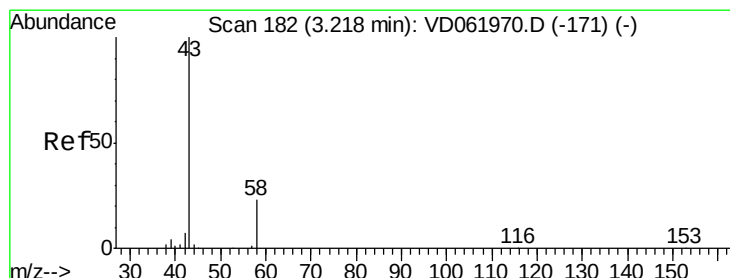
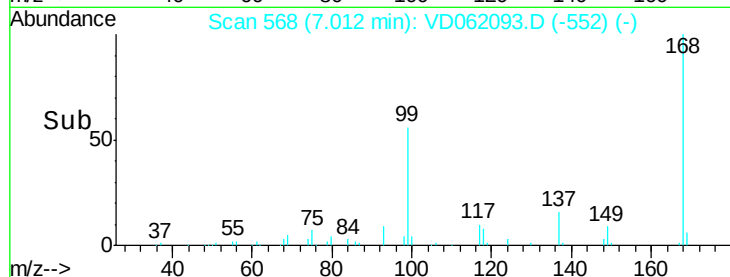
150000

100000

50000

0

Time--> 6.80 7.00 7.20



#16

Acetone

Concen: 46.728 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062093.D

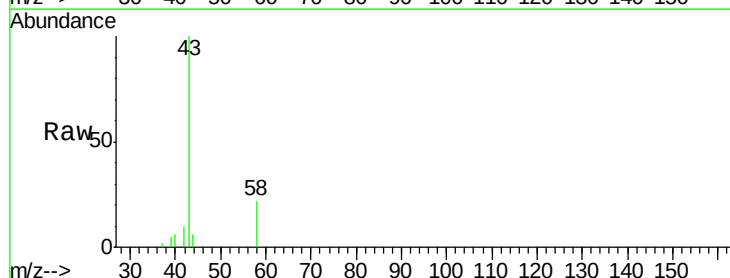
Acq: 30 Apr 2019 18:00

Tgt Ion: 43 Resp: 43415

Ion Ratio Lower Upper

43 100

58 22.3 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

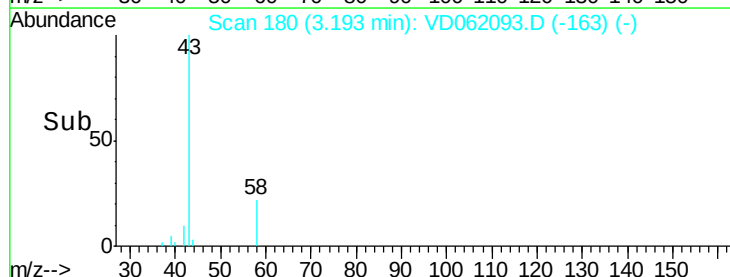
15000

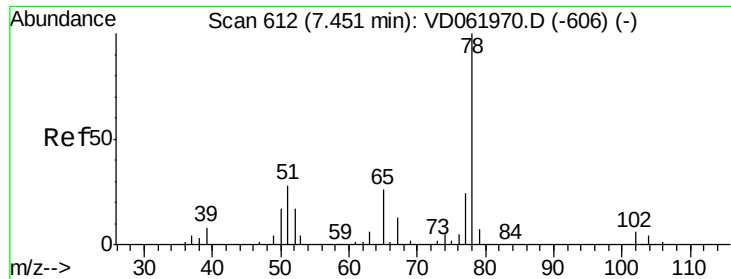
10000

5000

0

Time--> 3.10 3.20 3.30

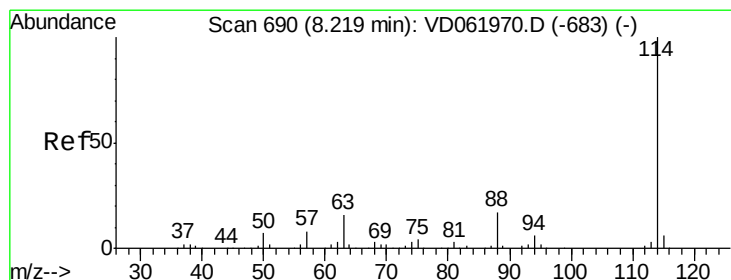
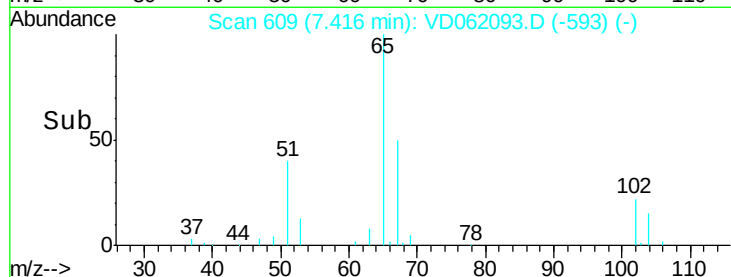
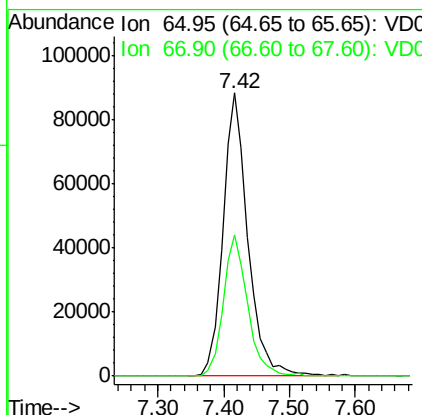
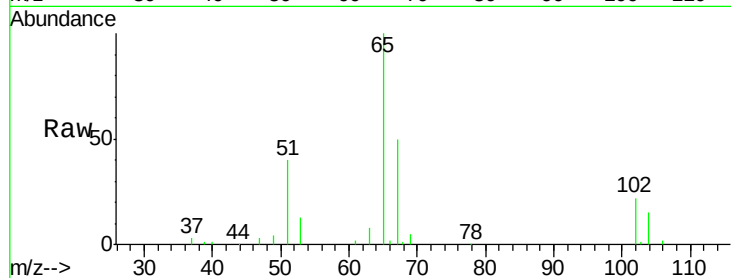




#33
 1,2-Dichloroethane-d4
 Concen: 59.446 ug/l
 RT: 7.42 min Scan# 609
 Delta R.T. -0.04 min
 Lab File: VD062093.D
 Acq: 30 Apr 2019 18:00

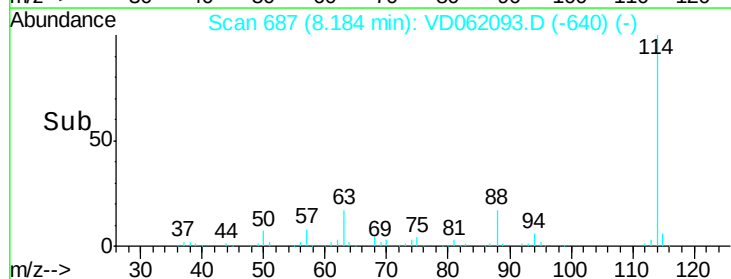
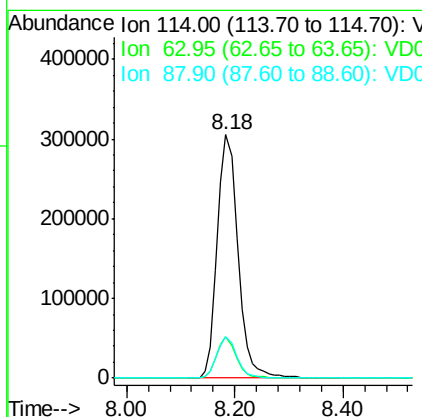
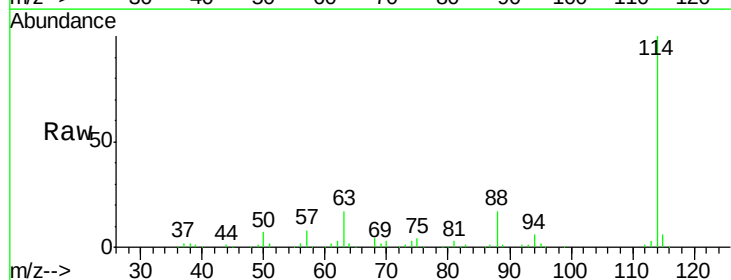
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-043019

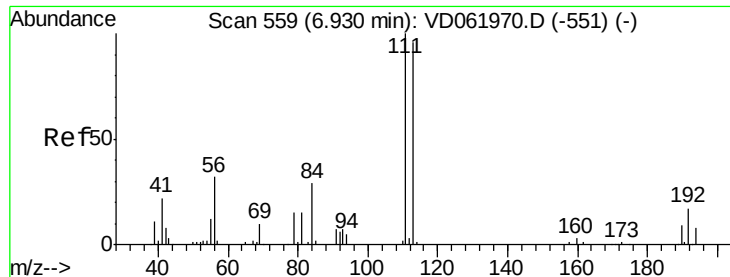
Tot Ion: 65 Resp: 231313
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.18 min Scan# 687
 Delta R.T. -0.04 min
 Lab File: VD062093.D
 Acq: 30 Apr 2019 18:00

Tgt Ion: 114 Resp: 812725
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 32.4
 88 17.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 59.978 ug/l

RT: 6.88 min Scan# 555

Delta R.T. -0.05 min

Lab File: VD062093.D

Acq: 30 Apr 2019 18:00

Instrument :

MSVOA_D

ClientSampleId :

TR-04-043019

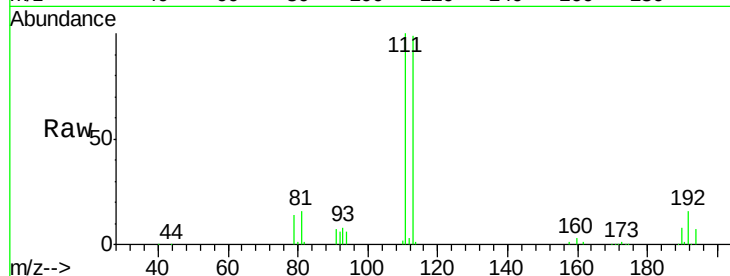
Tot Ion:113 Resp: 337122

Ion Ratio Lower Upper

113 100

111 101.5 78.5 117.7

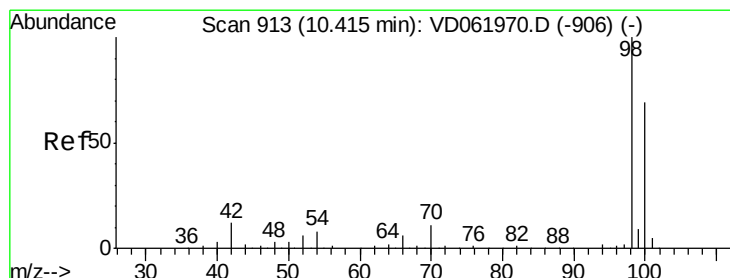
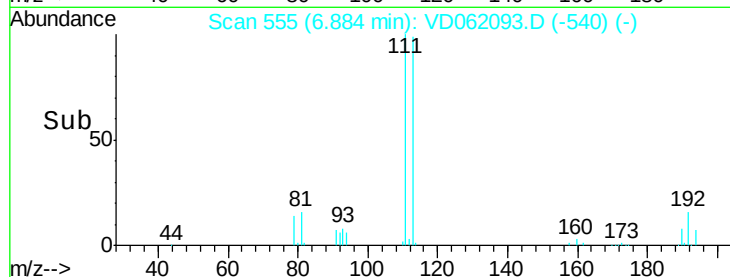
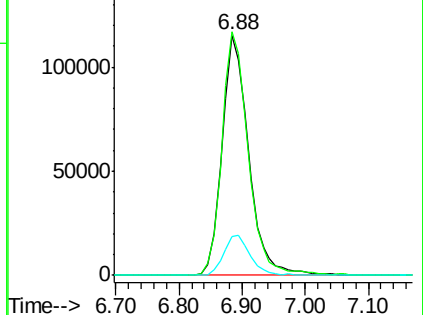
192 16.0 13.0 19.4



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: 50.088 ug/l

RT: 10.38 min Scan# 910

Delta R.T. -0.04 min

Lab File: VD062093.D

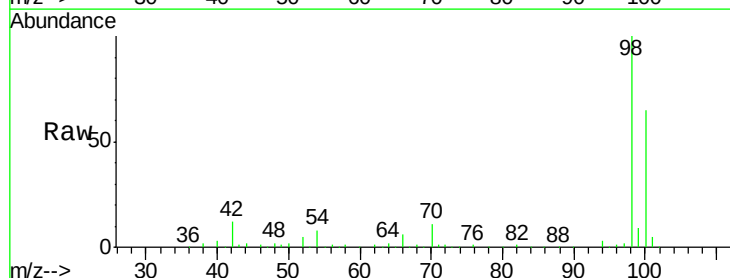
Acq: 30 Apr 2019 18:00

Tgt Ion: 98 Resp: 669912

Ion Ratio Lower Upper

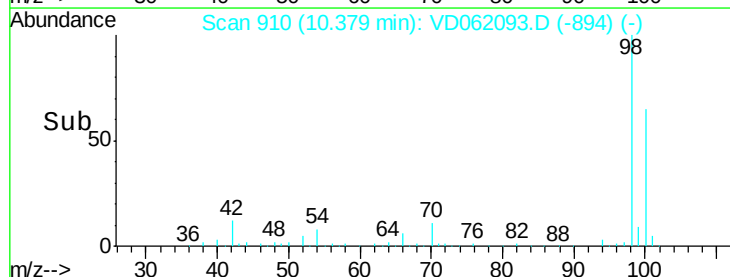
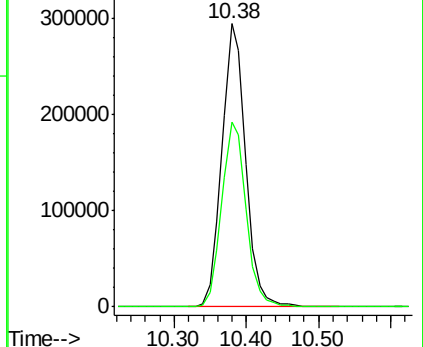
98 100

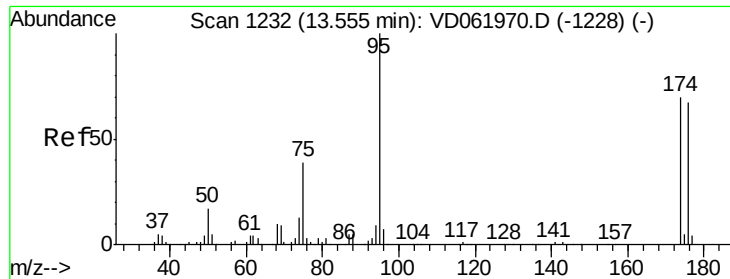
100 65.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

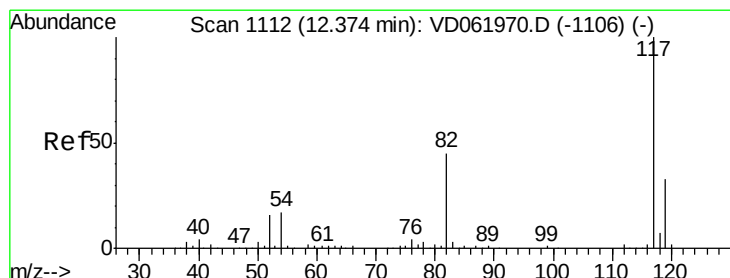
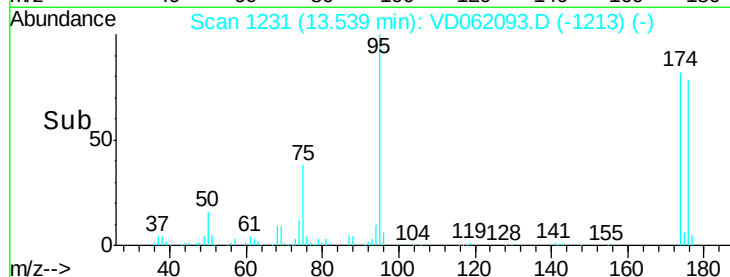
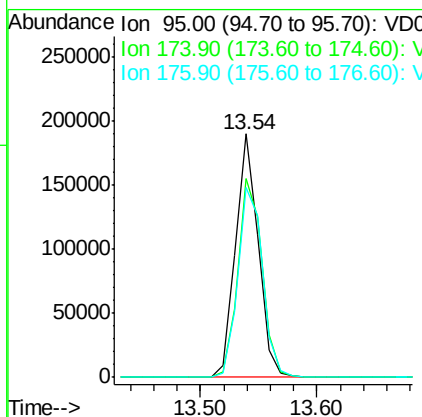
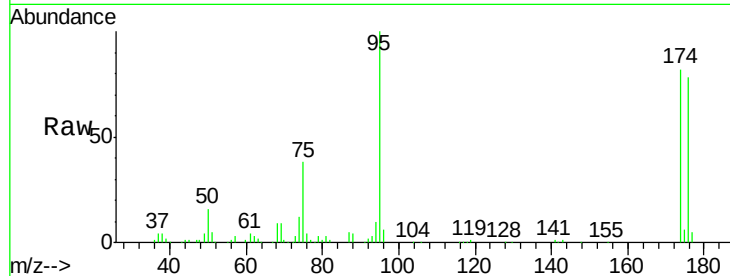




#62
4-Bromofluorobenzene
Concen: 47.581 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD062093.D
Acq: 30 Apr 2019 18:00

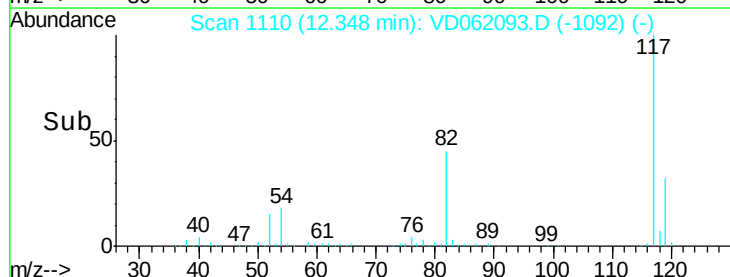
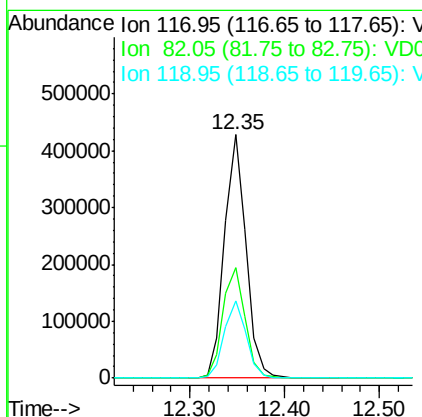
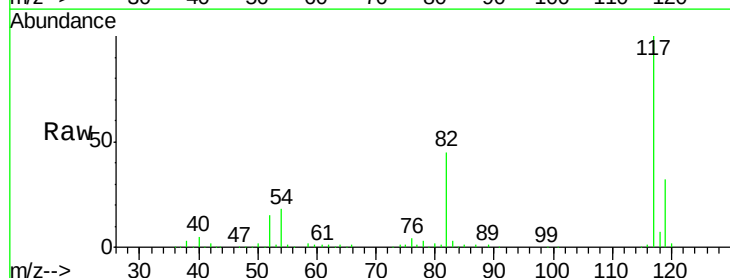
Instrument :
MSVOA_D
ClientSampleId :
TR-04-043019

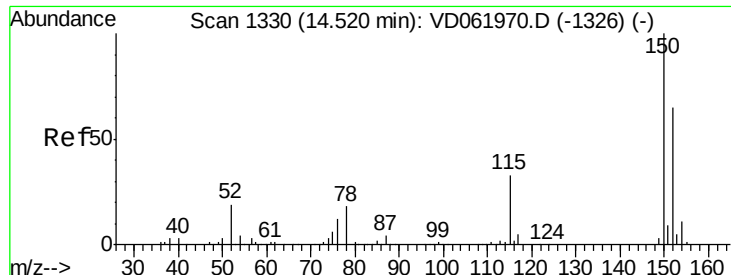
Tot Ion: 95 Resp: 255248
Ion Ratio Lower Upper
95 100
174 81.6 0.0 181.8
176 77.9 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062093.D
Acq: 30 Apr 2019 18:00

Tgt Ion: 117 Resp: 674504
Ion Ratio Lower Upper
117 100
82 45.5 36.2 54.2
119 31.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.50 min Scan# 1329

Delta R.T. -0.02 min

Lab File: VD062093.D

Acq: 30 Apr 2019 18:00

Instrument :

MSVOA_D

ClientSampleId :

TR-04-043019

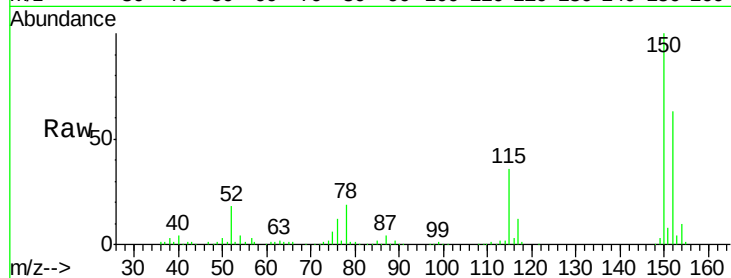
Tot Ion:152 Resp: 245423

Ion Ratio Lower Upper

152 100

115 58.0 30.9 92.7

150 159.7 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

