

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042219\
 Data File : VD061952.D
 Acq On : 22 Apr 2019 21:31
 Operator : VA/AP
 Sample : K2515-02
 Misc : 4.48g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15-2

Quant Time: Apr 23 00:52:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

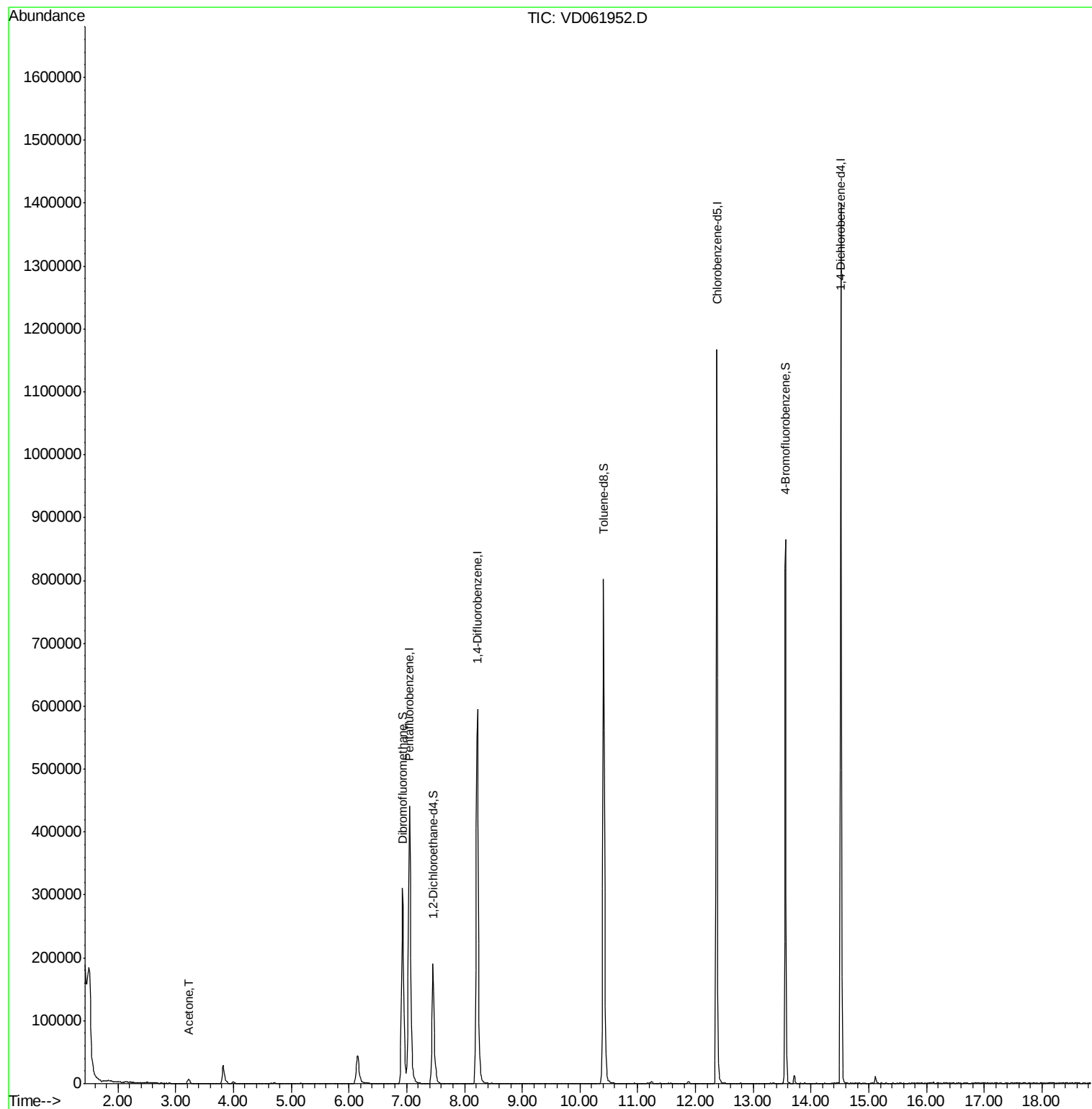
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	460406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	745350	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	718184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	323812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	194631	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
35) Dibromofluoromethane	6.92	113	291379	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
50) Toluene-d8	10.41	98	672776	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	13.55	95	293692	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
Target Compounds						
16) Acetone	3.22	43	14815	15.578	ug/l	Qvalue 98

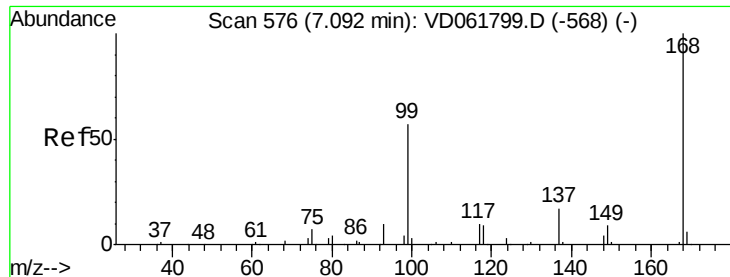
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD061952.D

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MSVOA_D

ClientSampleId :

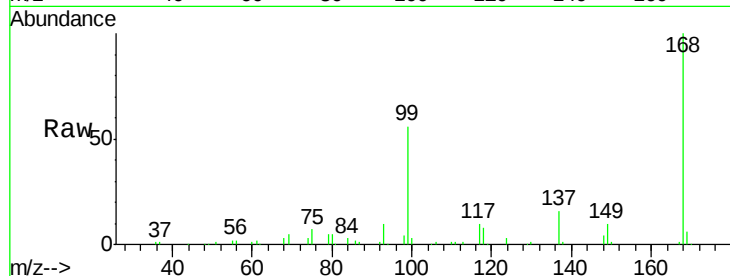
TP-15-2

Tot Ion:168 Resp: 460406

Ion Ratio Lower Upper

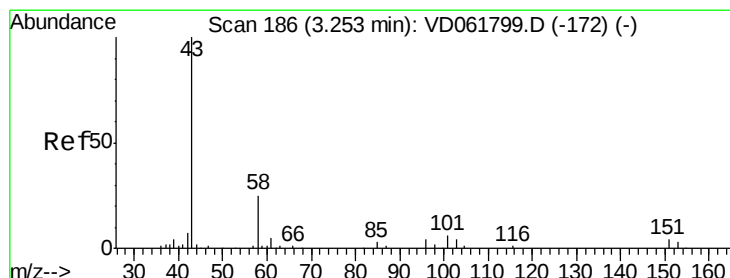
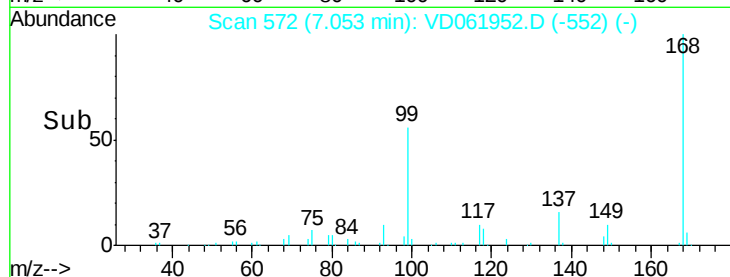
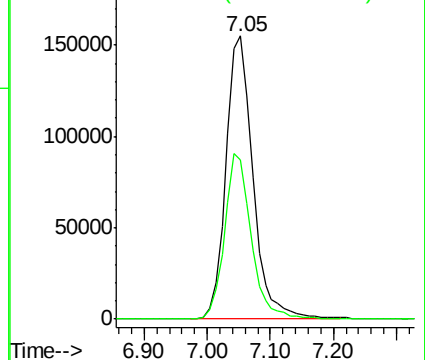
168 100

99 56.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 15.578 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061952.D

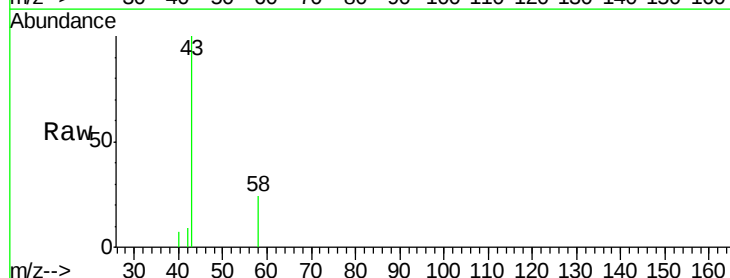
Acq: 22 Apr 2019 21:31

Tgt Ion: 43 Resp: 14815

Ion Ratio Lower Upper

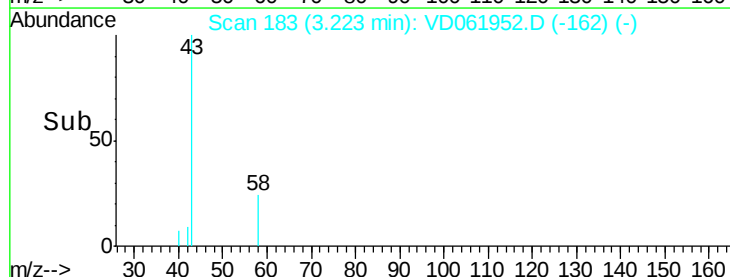
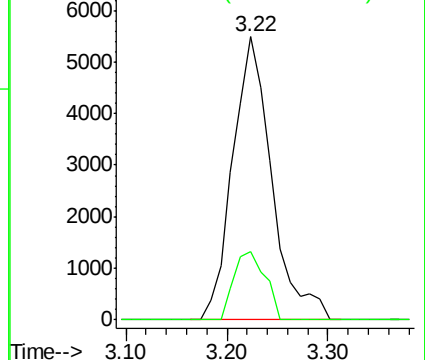
43 100

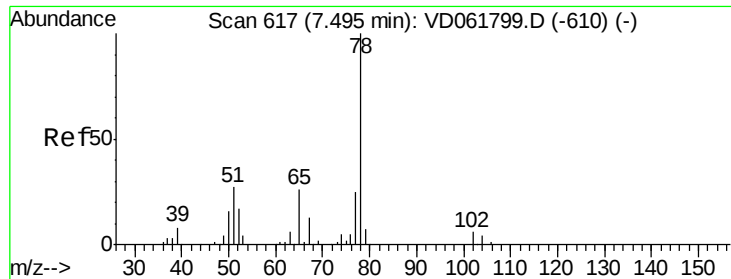
58 24.0 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

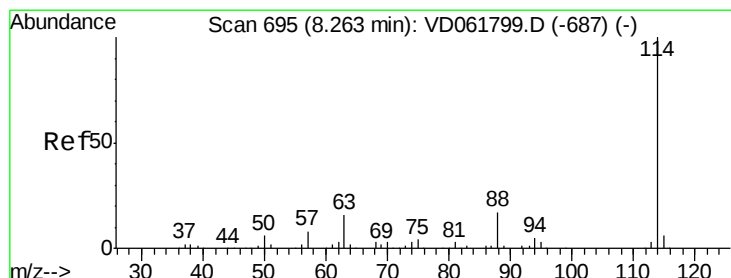
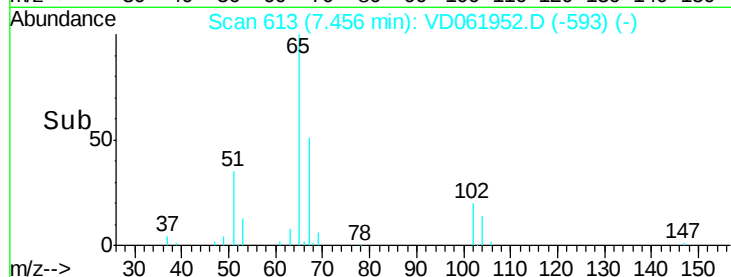
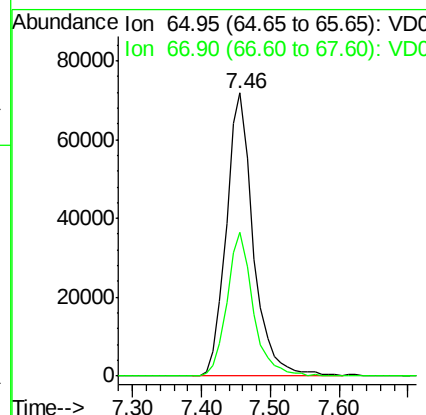
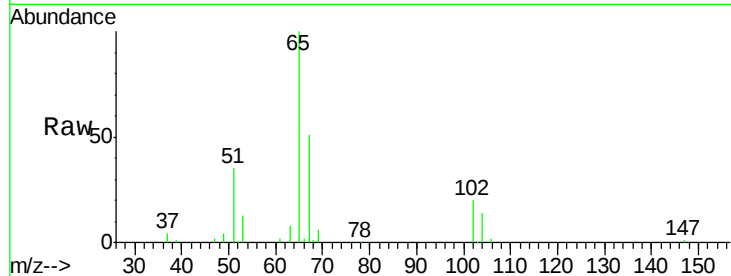




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VD061952.D
 Acq: 22 Apr 2019 21:31

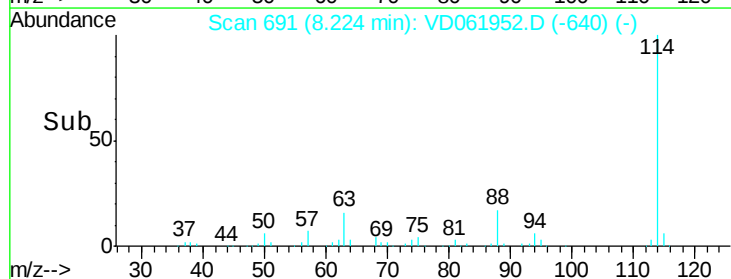
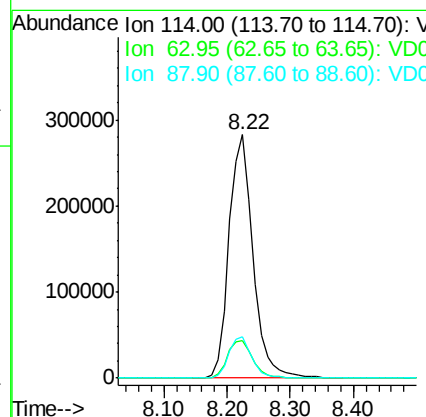
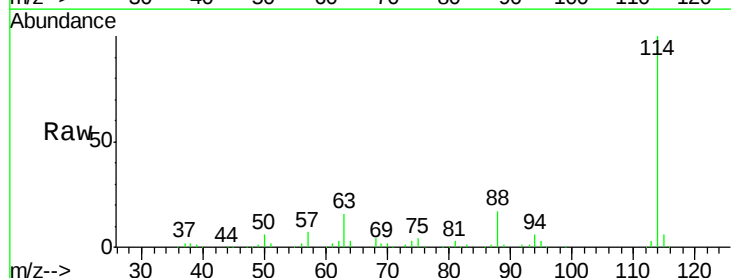
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15-2

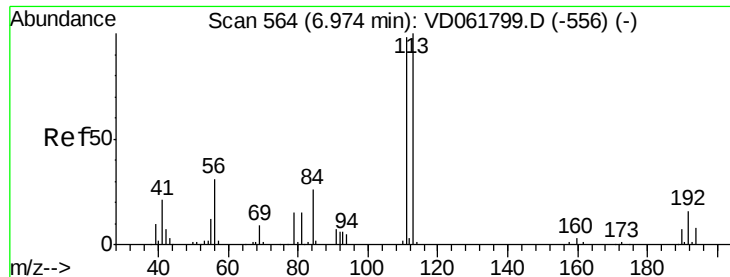
Tot Ion: 65 Resp: 194631
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD061952.D
 Acq: 22 Apr 2019 21:31

Tgt Ion: 114 Resp: 745350
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 32.4
 88 17.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061952.D

Acq: 22 Apr 2019 21:31

Instrument :

MSVOA_D

ClientSampleId :

TP-15-2

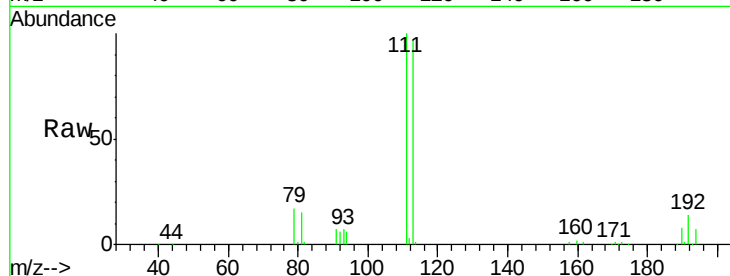
Tot Ion:113 Resp: 291379

Ion Ratio Lower Upper

113 100

111 103.4 78.5 117.7

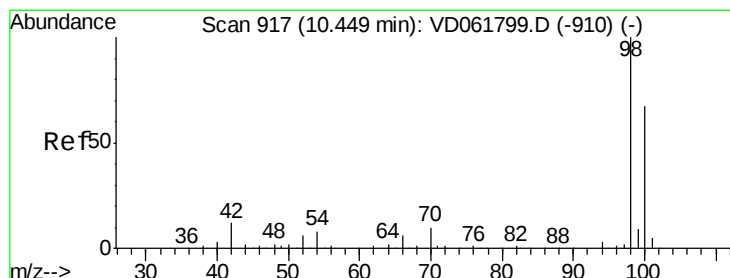
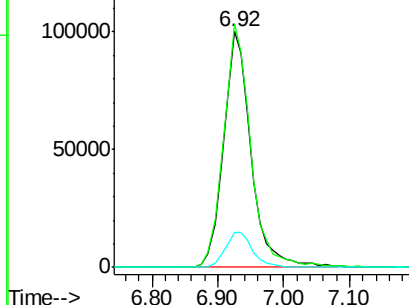
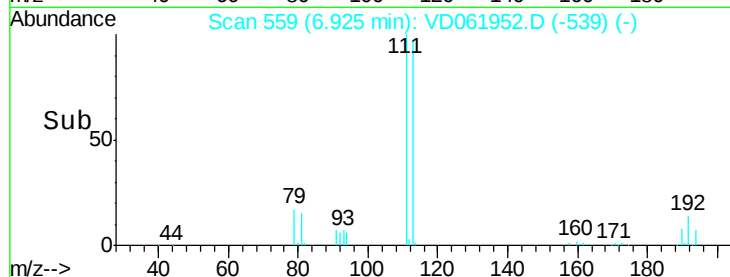
192 14.9 13.0 19.4



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: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD061952.D

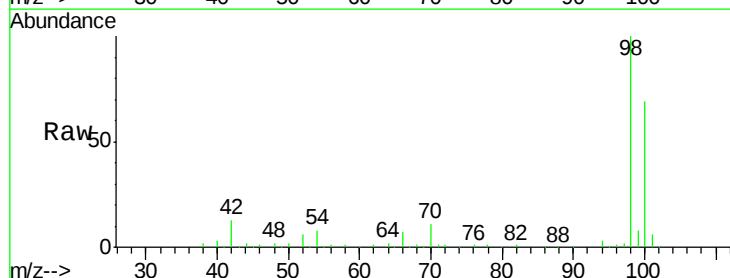
Acq: 22 Apr 2019 21:31

Tgt Ion: 98 Resp: 672776

Ion Ratio Lower Upper

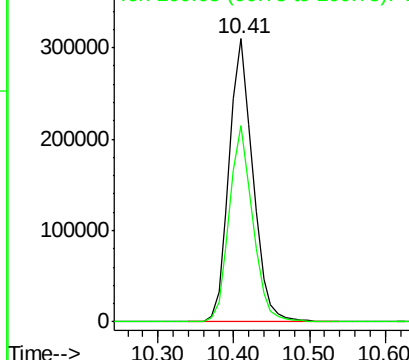
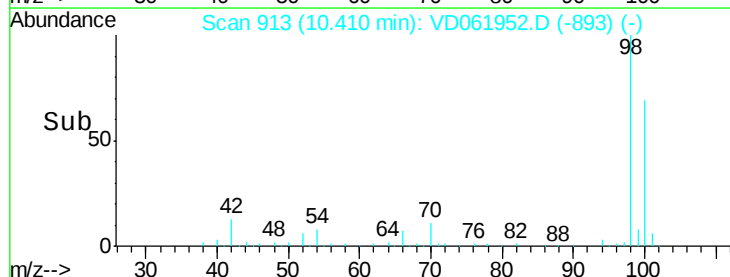
98 100

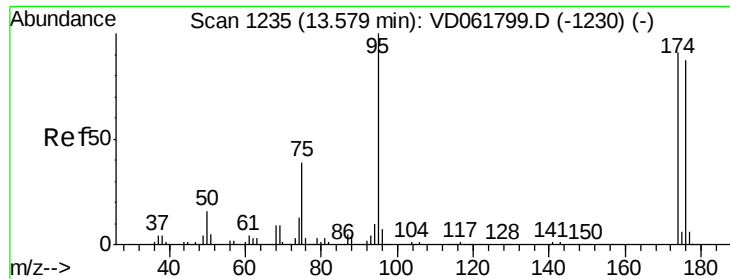
100 69.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD061952.D

Acq: 22 Apr 2019 21:31

Instrument :

MSVOA_D

ClientSampleId :

TP-15-2

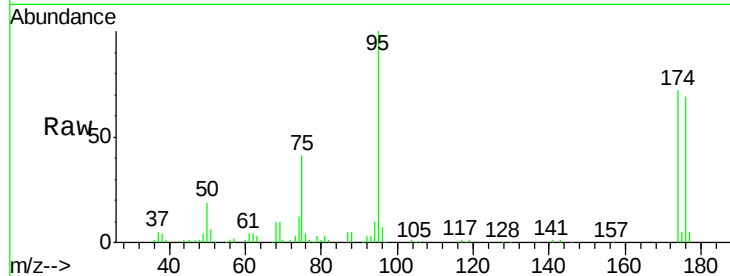
Tot Ion: 95 Resp: 293692

Ion Ratio Lower Upper

95 100

174 71.7 0.0 181.8

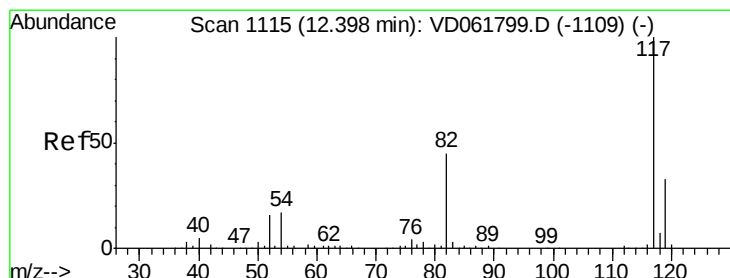
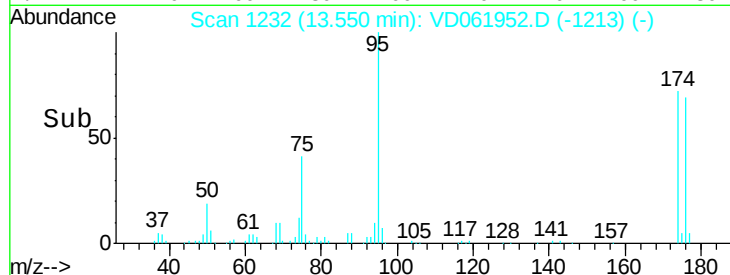
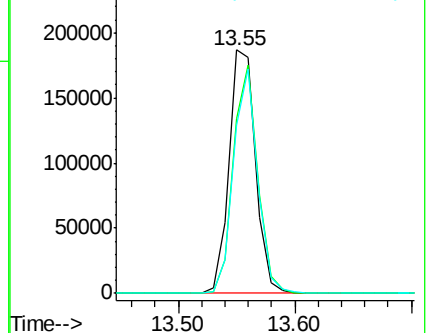
176 69.2 0.0 174.4



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# 1112

Delta R.T. 0.00 min

Lab File: VD061952.D

Acq: 22 Apr 2019 21:31

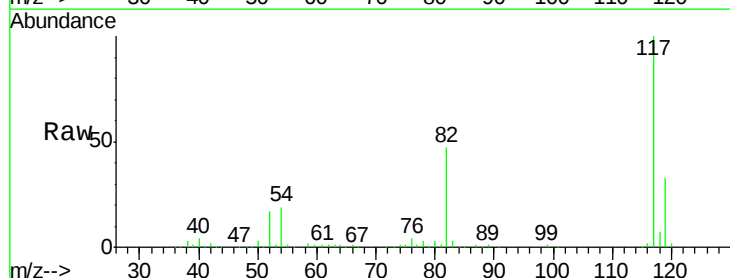
Tgt Ion: 117 Resp: 718184

Ion Ratio Lower Upper

117 100

82 46.9 36.2 54.2

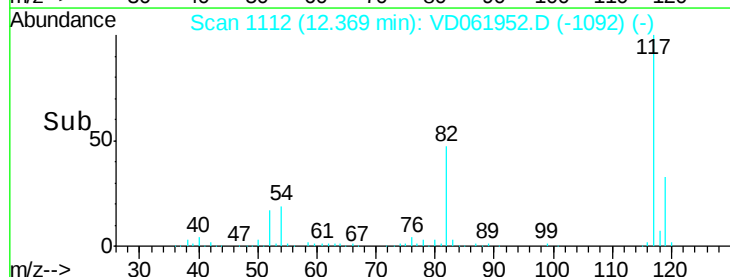
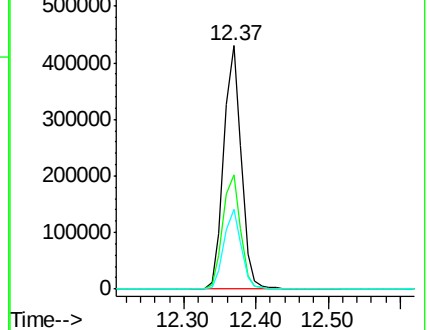
119 32.9 26.2 39.4

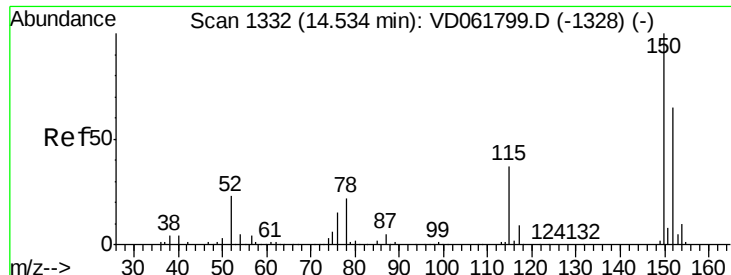


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD061952.D

Acq: 22 Apr 2019 21:31

Instrument :

MSVOA_D

ClientSampleId :

TP-15-2

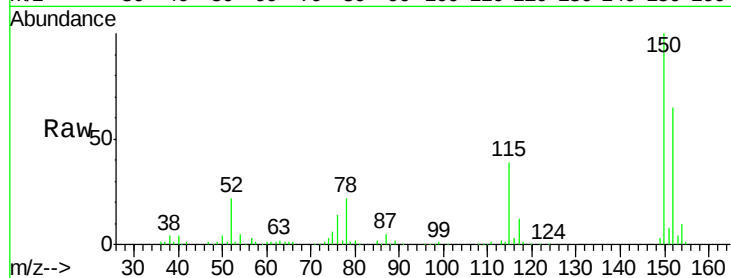
Tot Ion:152 Resp: 323812

Ion Ratio Lower Upper

152 100

115 59.9 30.9 92.7

150 154.4 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

