

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061419\
 Data File : VD062715.D
 Acq On : 14 Jun 2019 17:06
 Operator : VA/AP
 Sample : K3366-03RE
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETERE

Quant Time: Jun 15 05:45:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

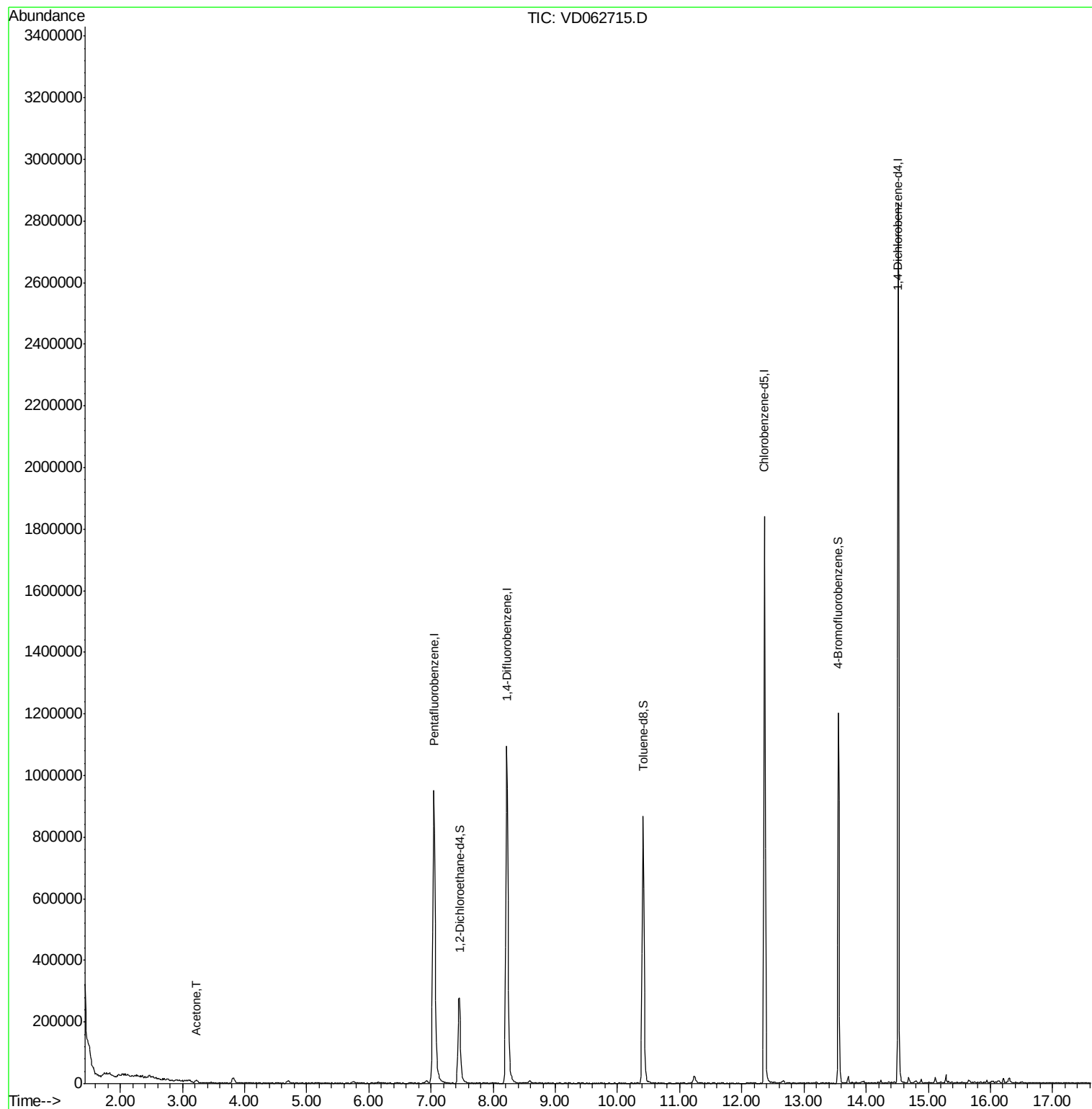
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	907945	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1186430	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1017244	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	560921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	338415	25.83	ug/l	0.01
Spiked Amount 50.000			Recovery	=	51.66%	
35) Dibromofluoromethane	6.92	113	8359	0.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.34%	
50) Toluene-d8	10.41	98	713720	27.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.24%	
62) 4-Bromofluorobenzene	13.55	95	337959	27.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.04%	
Target Compounds						
16) Acetone	3.23	43	19458	8.111	ug/l #	Qvalue 87

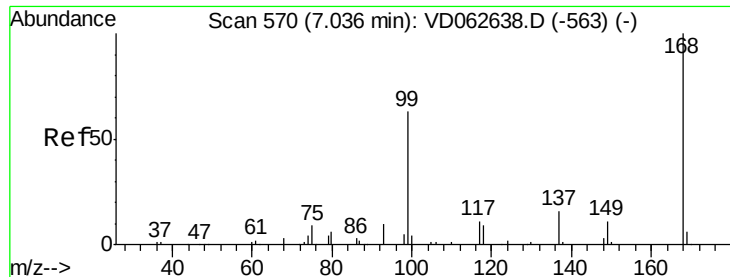
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

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Acq: 14 Jun 2019 17:06

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MSVOA_D

ClientSampleId :

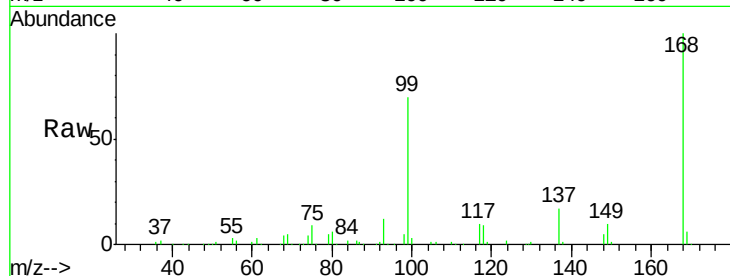
CONCRETERE

Tot Ion:168 Resp: 907945

Ion Ratio Lower Upper

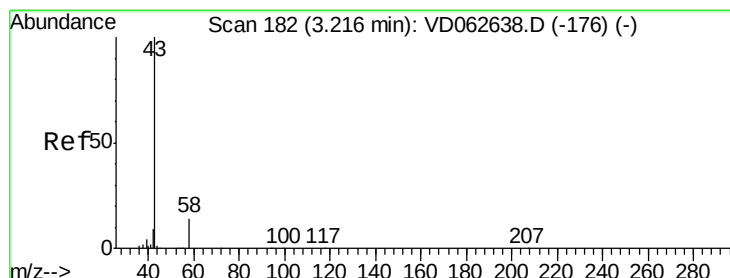
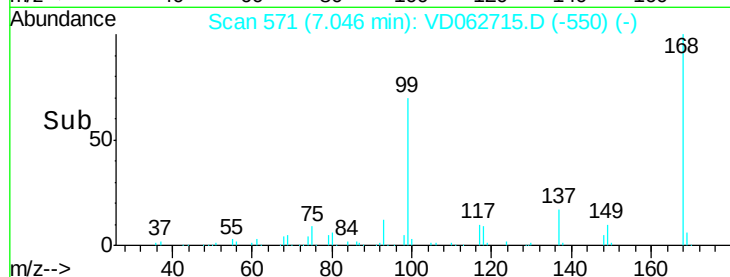
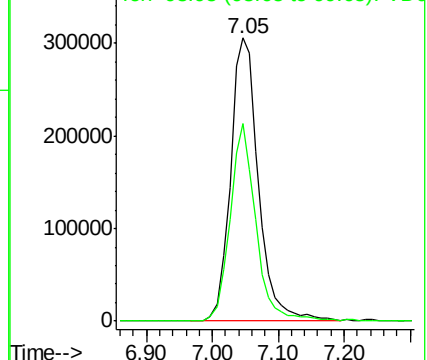
168 100

99 69.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 8.111 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD062715.D

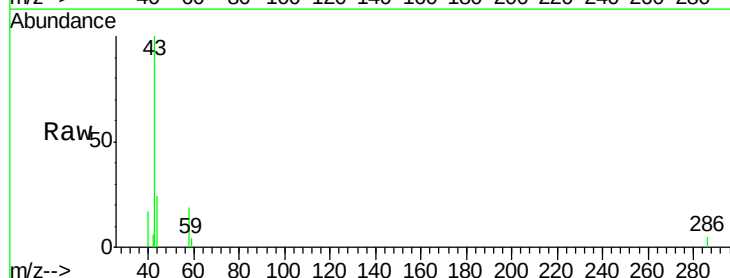
Acq: 14 Jun 2019 17:06

Tgt Ion: 43 Resp: 19458

Ion Ratio Lower Upper

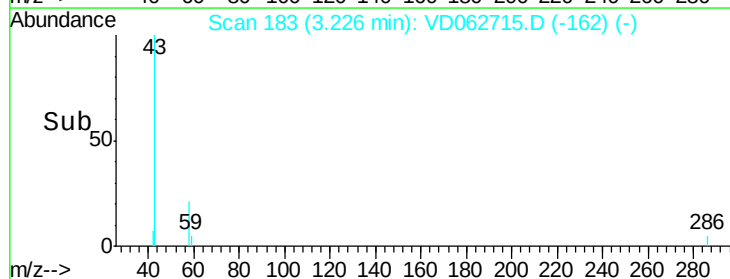
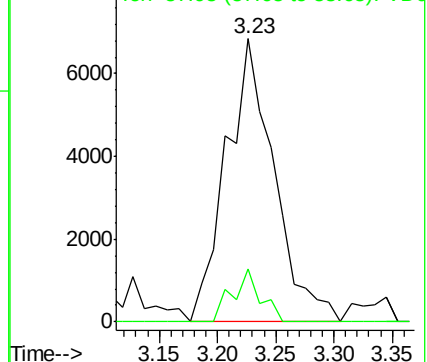
43 100

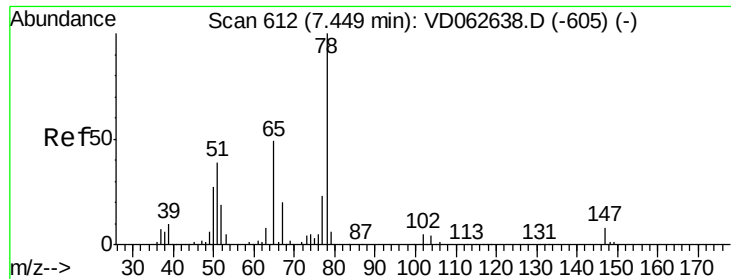
58 18.8 10.8 16.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

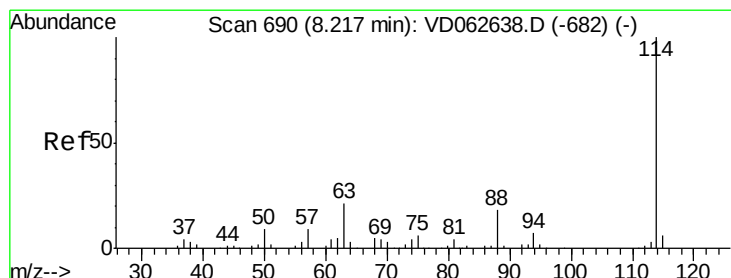
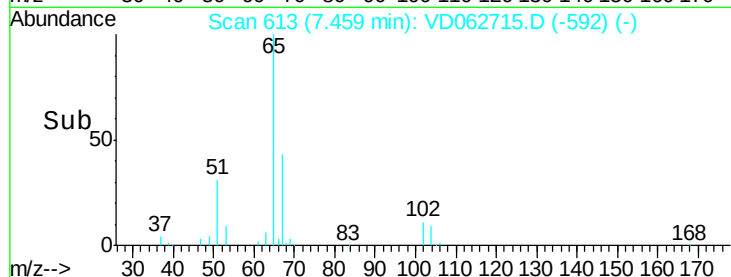
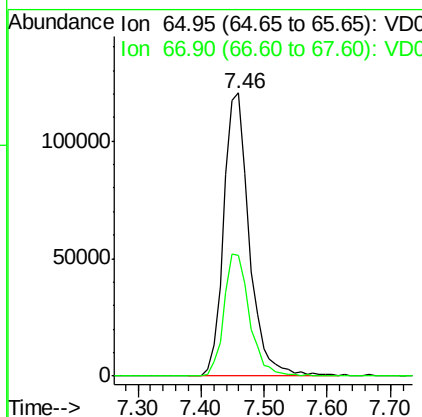
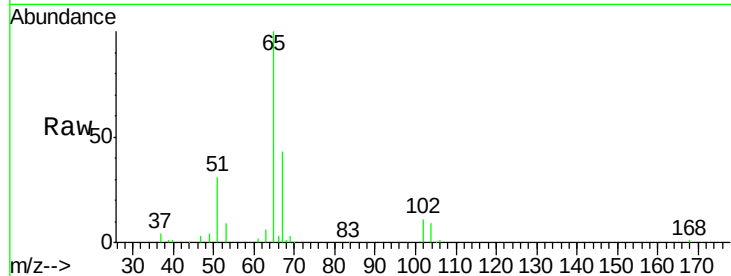




#33
 1,2-Dichloroethane-d4
 Concen: 25.830 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD062715.D
 Acq: 14 Jun 2019 17:06

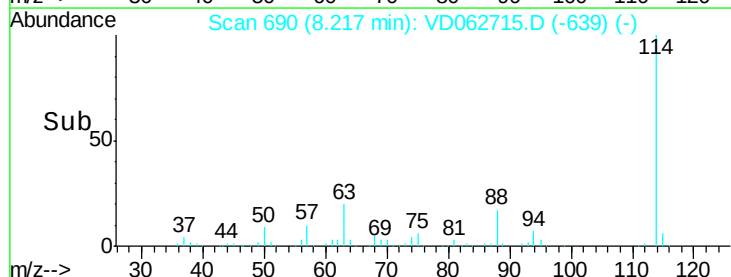
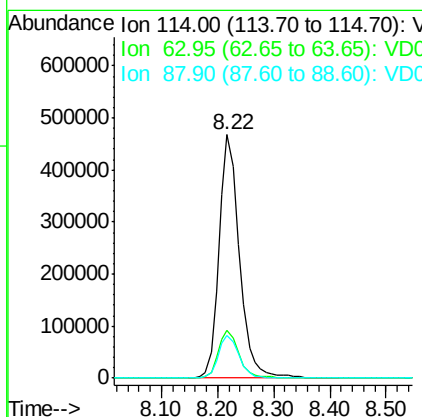
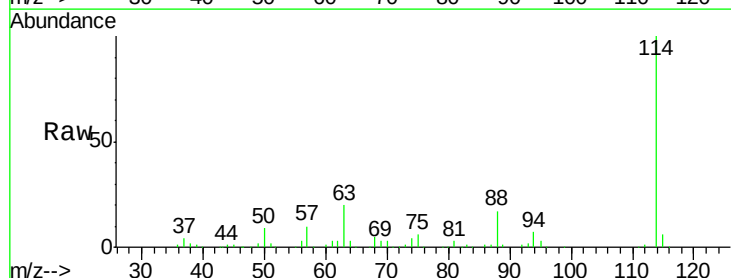
Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETERE

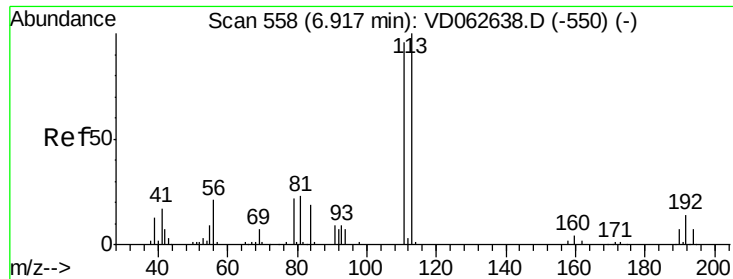
Tot Ion: 65 Resp: 338415
 Ion Ratio Lower Upper
 65 100
 67 42.7 0.0 81.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD062715.D
 Acq: 14 Jun 2019 17:06

Tgt Ion: 114 Resp: 1186430
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 17.4 0.0 36.8





#35

Dibromofluoromethane

Concen: 0.668 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD062715.D

Acq: 14 Jun 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

CONCRETERE

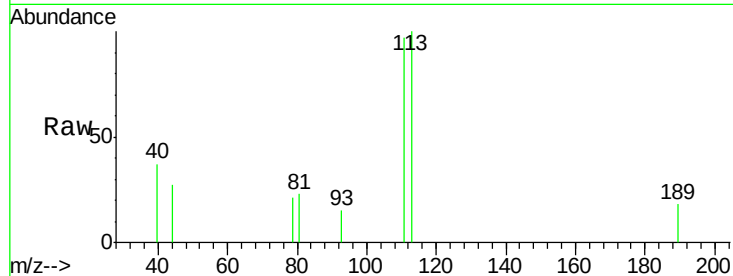
Tot Ion:113 Resp: 8359

Ion Ratio Lower Upper

113 100

111 96.9 76.4 114.6

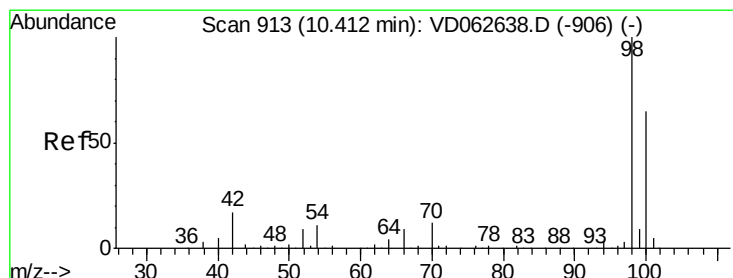
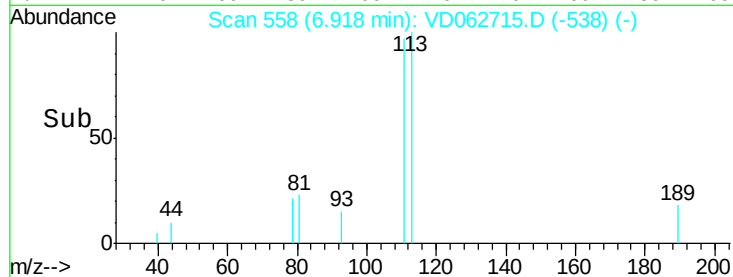
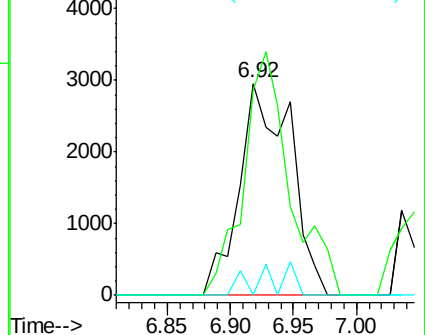
192 0.0 11.4 17.0#



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: 27.115 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062715.D

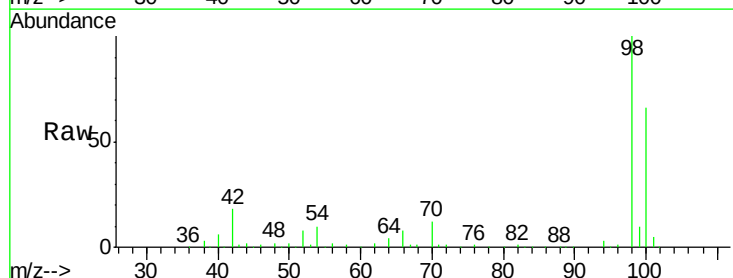
Acq: 14 Jun 2019 17:06

Tgt Ion: 98 Resp: 713720

Ion Ratio Lower Upper

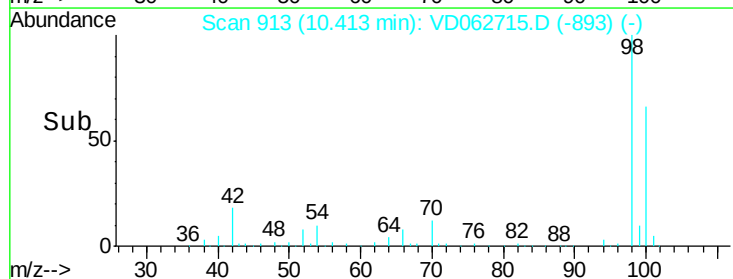
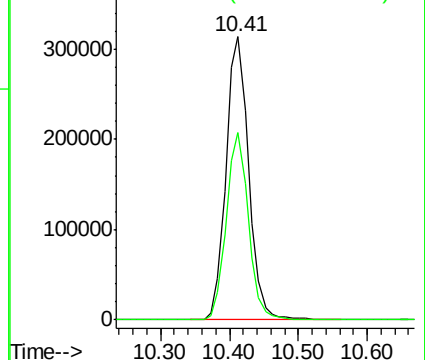
98 100

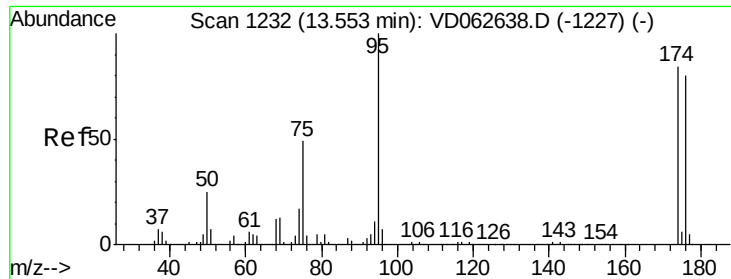
100 66.2 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 27.521 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062715.D

Acq: 14 Jun 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

CONCRETERE

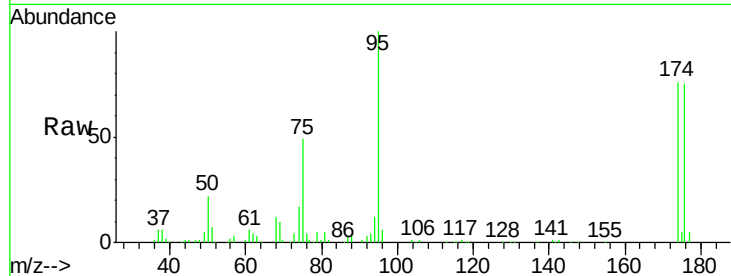
Tot Ion: 95 Resp: 337959

Ion Ratio Lower Upper

95 100

174 76.3 0.0 167.0

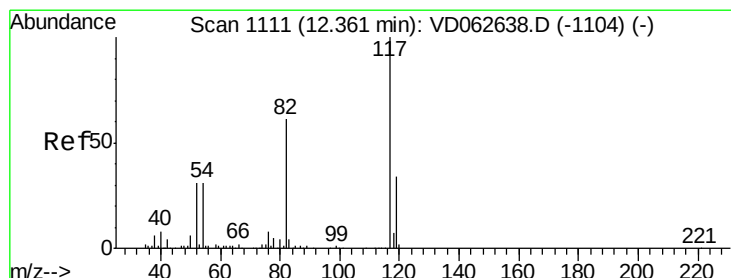
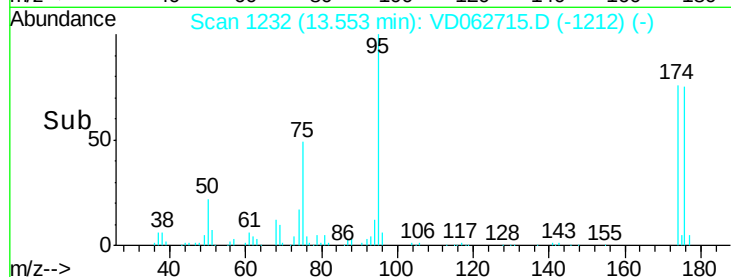
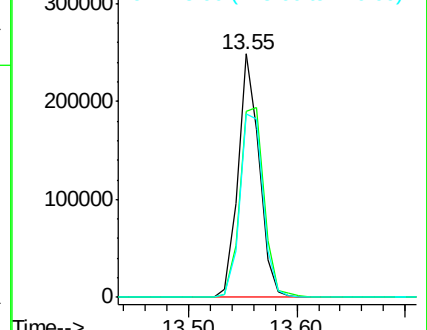
176 75.3 0.0 159.2



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. 0.01 min

Lab File: VD062715.D

Acq: 14 Jun 2019 17:06

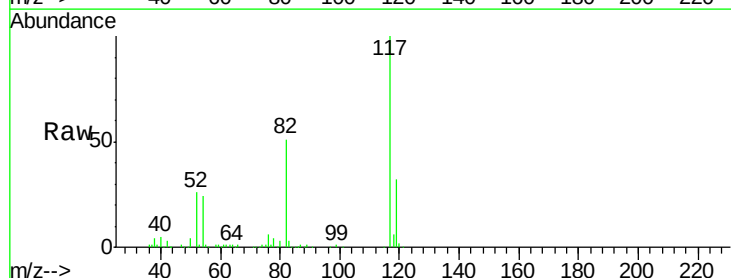
Tgt Ion: 117 Resp: 1017244

Ion Ratio Lower Upper

117 100

82 50.8 48.7 73.1

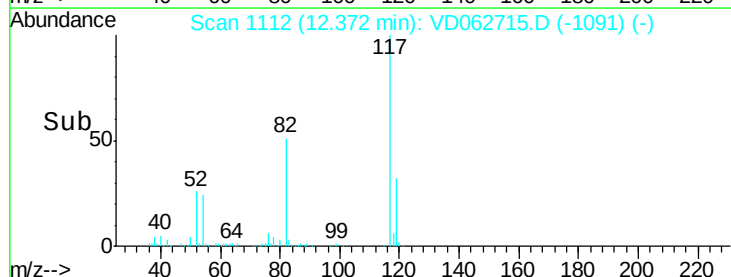
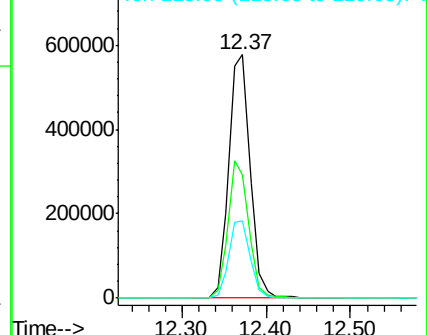
119 31.8 27.0 40.6

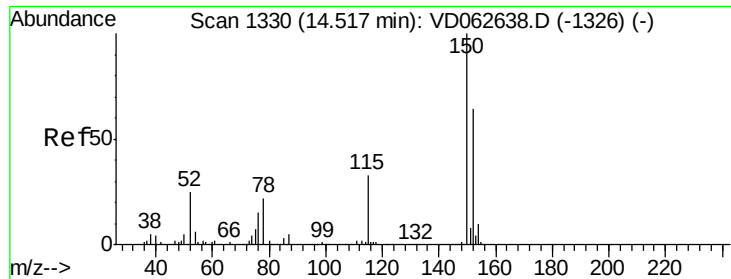


Abundance Ion 116.95 (116.65 to 117.65): V

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. 0.00 min

Lab File: VD062715.D

Acq: 14 Jun 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

CONCRETERE

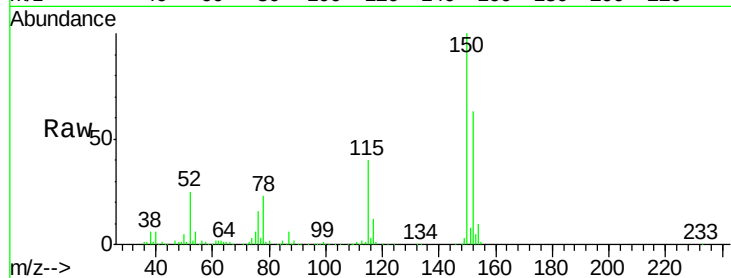
Tot Ion:152 Resp: 560921

Ion Ratio Lower Upper

152 100

115 63.0 30.1 90.5

150 158.2 0.0 314.0



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

