

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
 Data File : VD062735.D
 Acq On : 17 Jun 2019 19:06
 Operator : VA/AP
 Sample : K3154-13
 Misc : 6.50g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-G

Quant Time: Jun 18 07:02:00 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

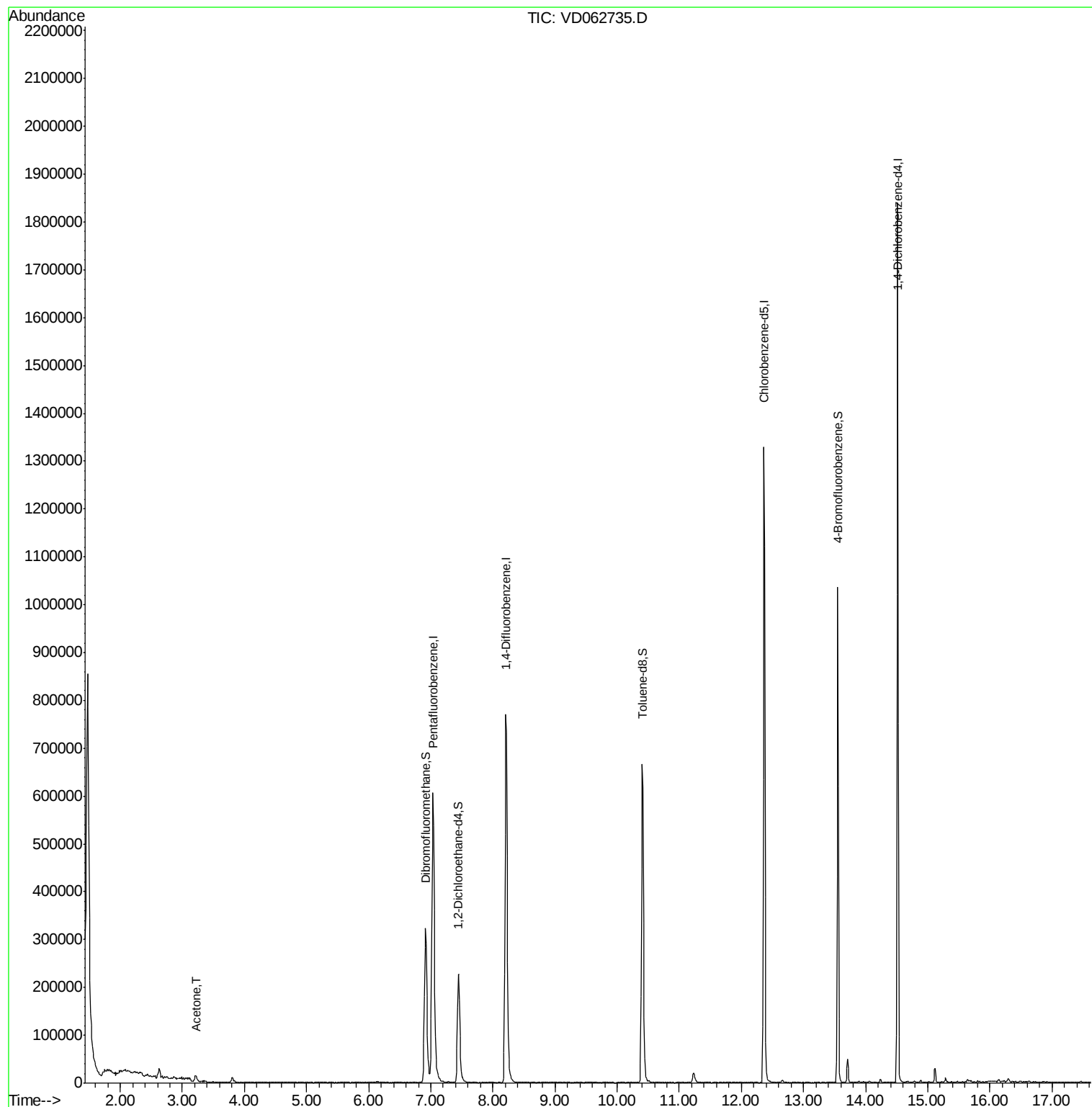
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	563995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	816554	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	700775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	367070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	279418	34.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.66%	
35) Dibromofluoromethane	6.92	113	289952	33.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.34%	
50) Toluene-d8	10.40	98	527949	29.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.28%	
62) 4-Bromofluorobenzene	13.55	95	253912	30.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.08%	
Target Compounds						
16) Acetone	3.21	43	27407	18.391	ug/l	Qvalue 99

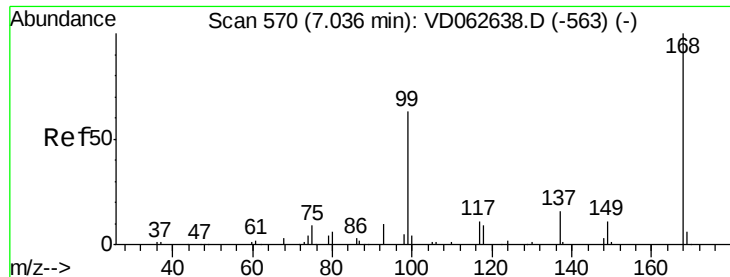
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD062735.D

Acq: 17 Jun 2019 19:06

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MSVOA_D

ClientSampleId :

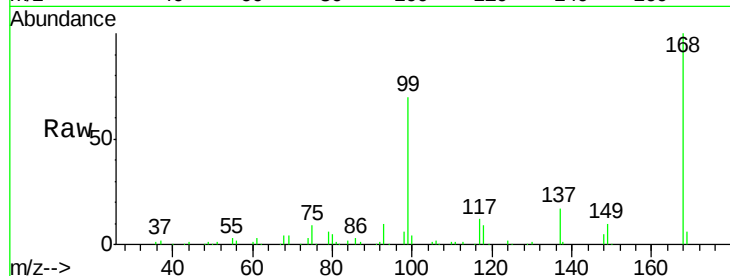
JC-02-061419-G

Tot Ion:168 Resp: 563995

Ion Ratio Lower Upper

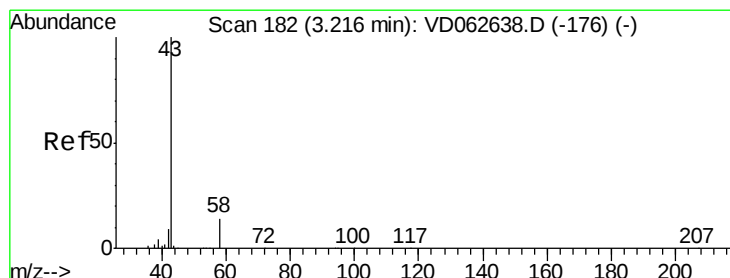
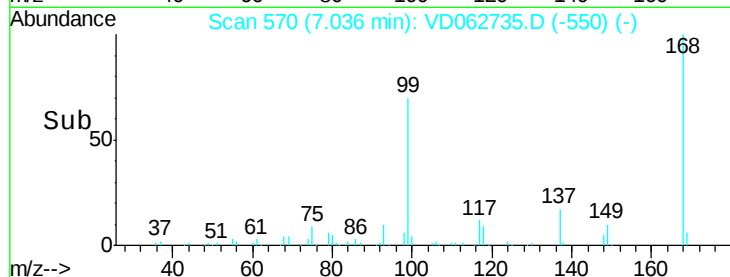
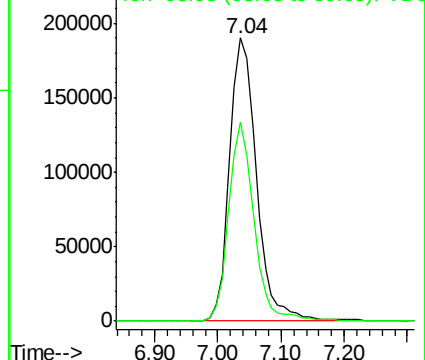
168 100

99 70.4 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: 18.391 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD062735.D

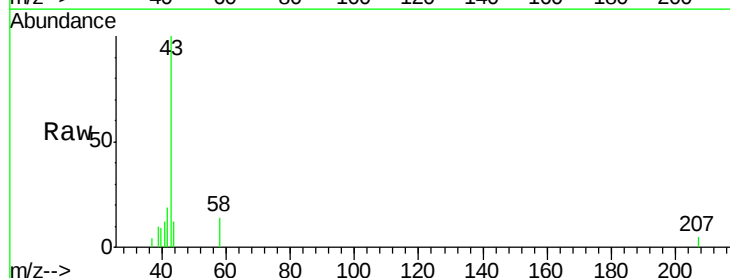
Acq: 17 Jun 2019 19:06

Tgt Ion: 43 Resp: 27407

Ion Ratio Lower Upper

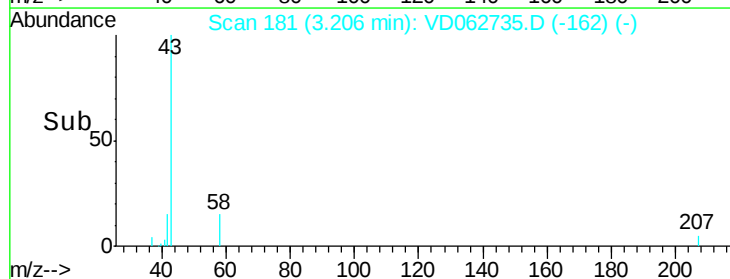
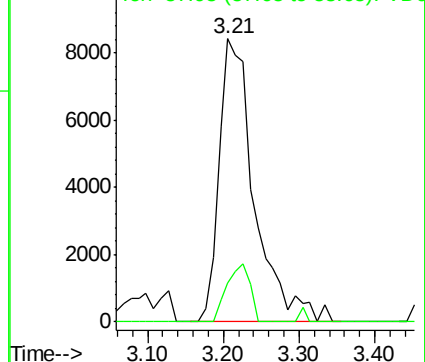
43 100

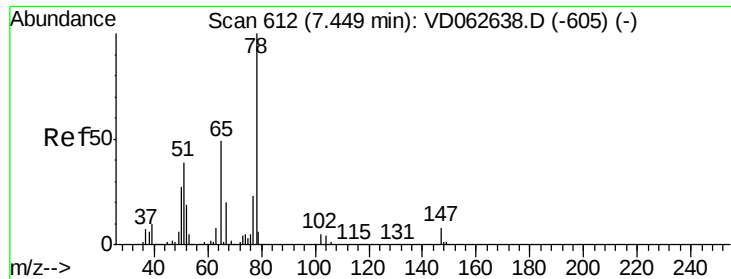
58 13.8 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

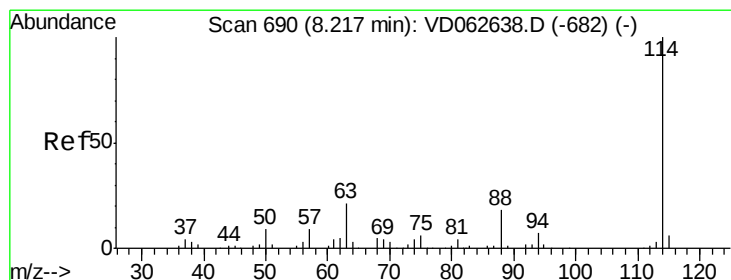
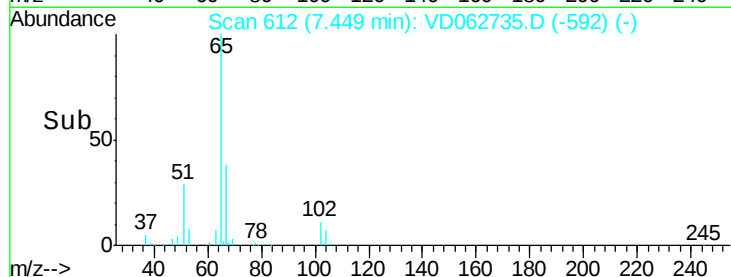
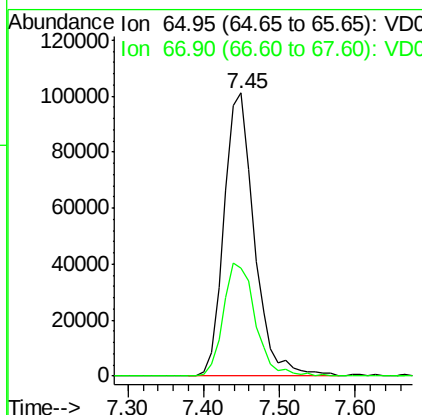
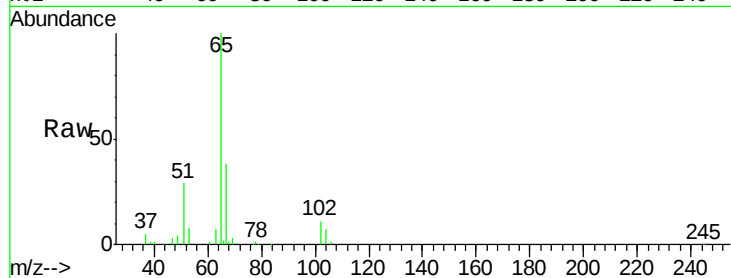




#33
 1,2-Dichloroethane-d4
 Concen: 34.333 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VD062735.D
 Acq: 17 Jun 2019 19:06

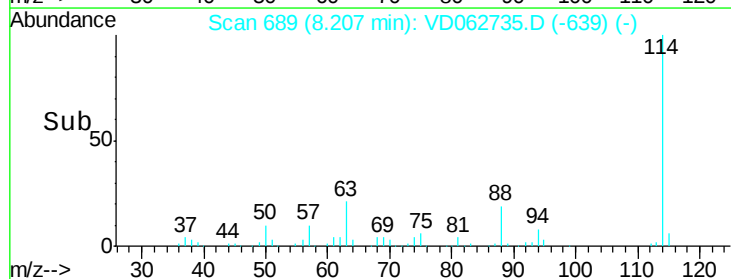
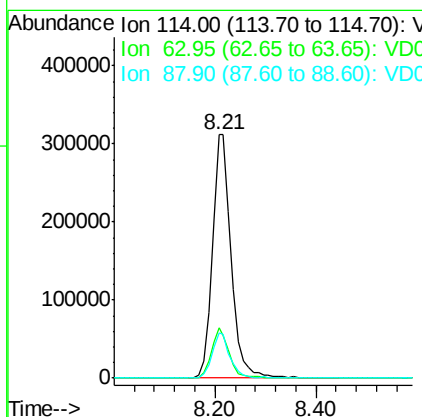
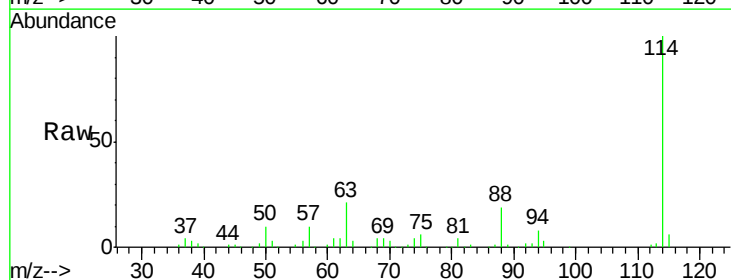
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-G

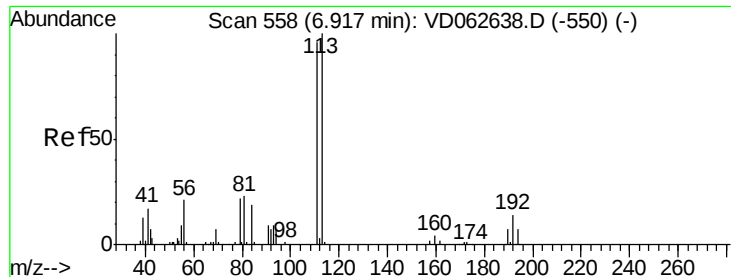
Tot Ion: 65 Resp: 279418
 Ion Ratio Lower Upper
 65 100
 67 38.0 0.0 81.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD062735.D
 Acq: 17 Jun 2019 19:06

Tgt Ion: 114 Resp: 816554
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 18.7 0.0 36.8





#35

Dibromofluoromethane

Concen: 33.670 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD062735.D

Acq: 17 Jun 2019 19:06

Instrument :

MSVOA_D

ClientSampleId :

JC-02-061419-G

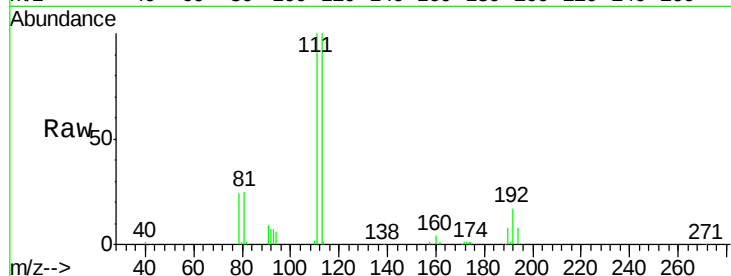
Tot Ion:113 Resp: 289952

Ion Ratio Lower Upper

113 100

111 99.9 76.4 114.6

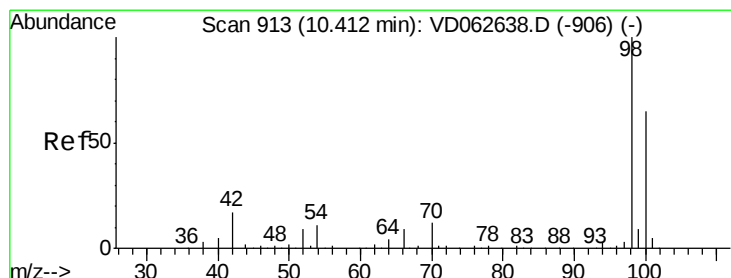
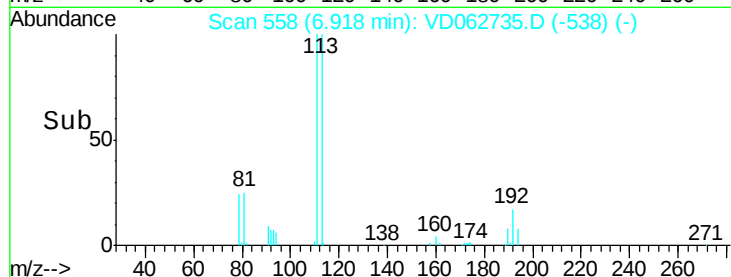
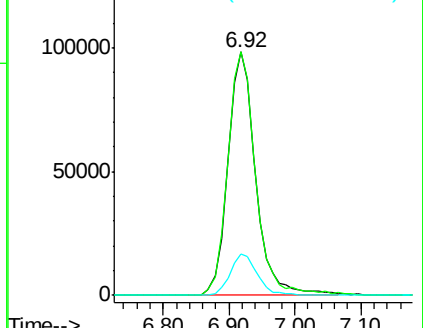
192 17.0 11.4 17.0



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: 29.143 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062735.D

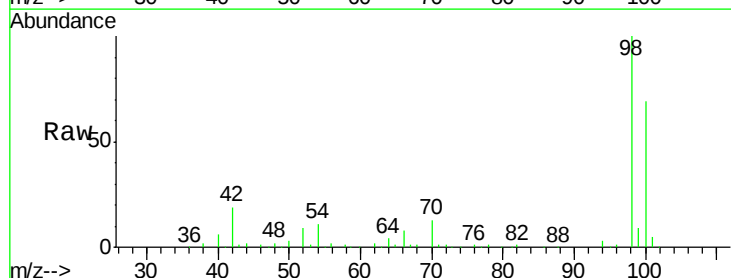
Acq: 17 Jun 2019 19:06

Tgt Ion: 98 Resp: 527949

Ion Ratio Lower Upper

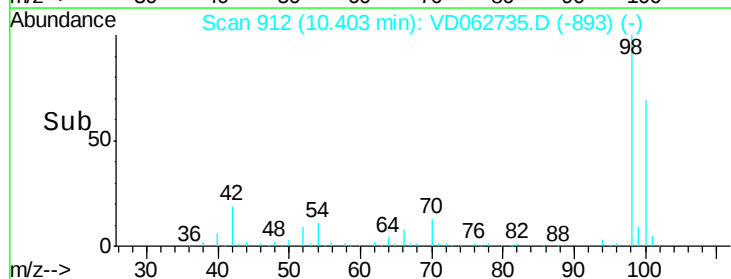
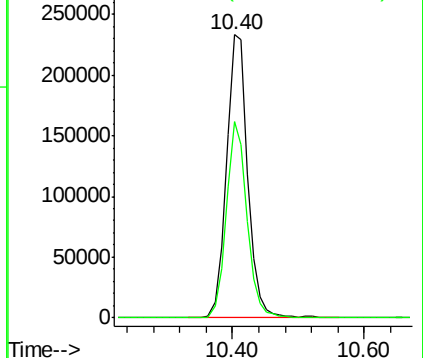
98 100

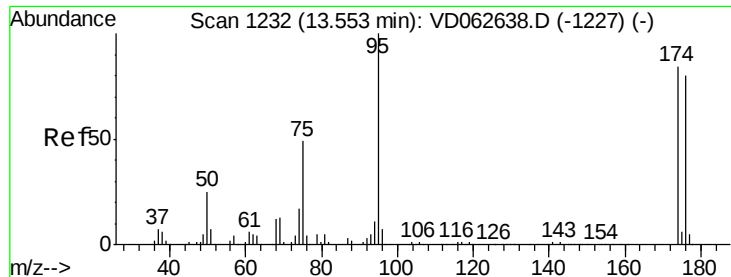
100 69.3 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 30.043 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062735.D

Acq: 17 Jun 2019 19:06

Instrument :

MSVOA_D

ClientSampleId :

JC-02-061419-G

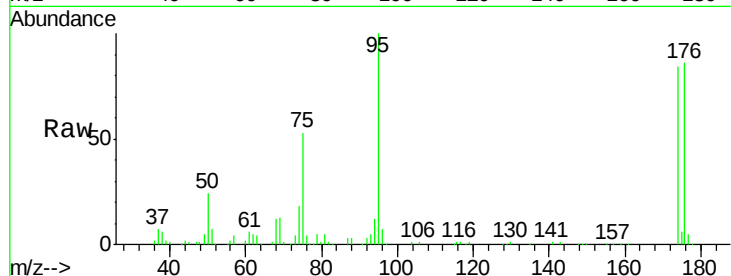
Tot Ion: 95 Resp: 253912

Ion Ratio Lower Upper

95 100

174 84.4 0.0 167.0

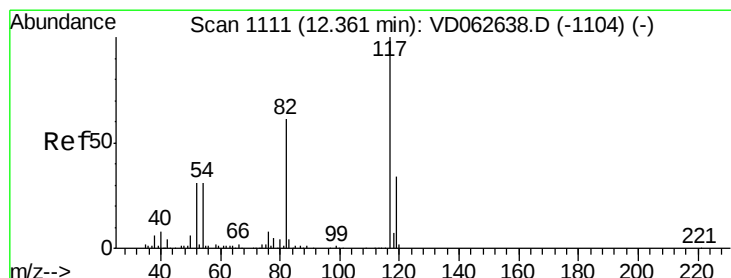
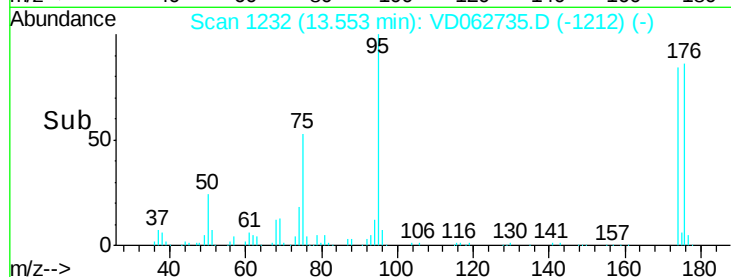
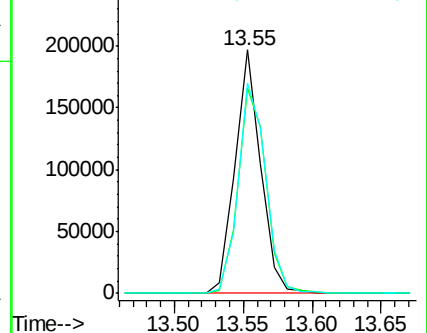
176 86.2 0.0 159.2



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: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD062735.D

Acq: 17 Jun 2019 19:06

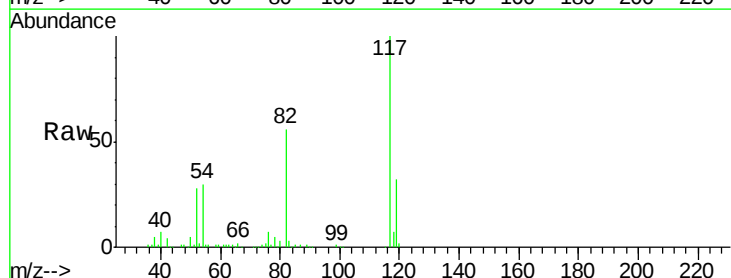
Tgt Ion: 117 Resp: 700775

Ion Ratio Lower Upper

117 100

82 55.8 48.7 73.1

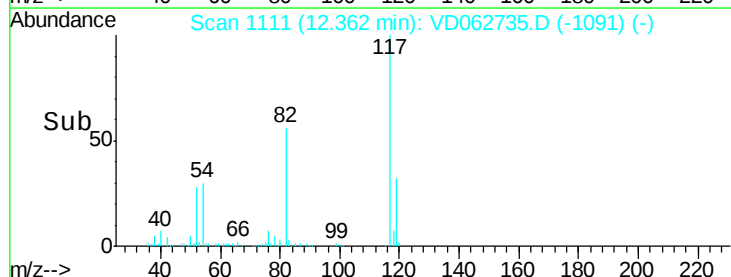
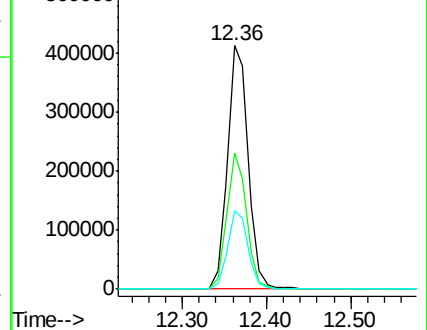
119 32.1 27.0 40.6

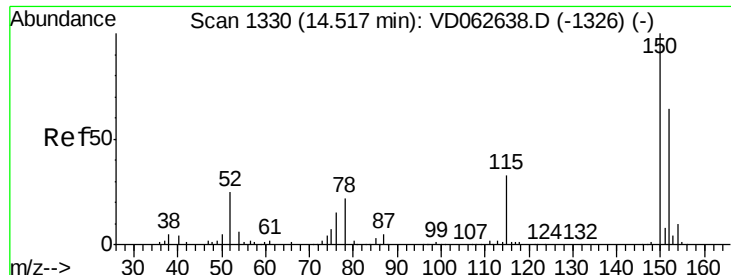


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

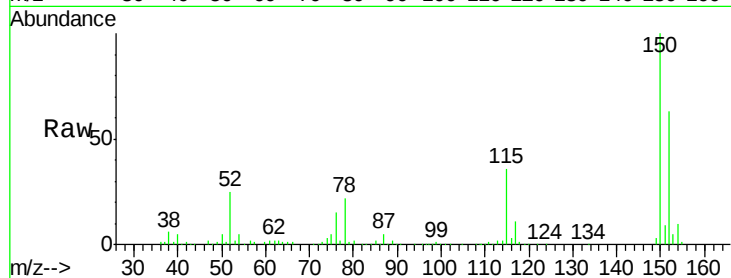




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD062735.D
 Acq: 17 Jun 2019 19:06

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-G

Tot Ion:152 Resp: 367070
 Ion Ratio Lower Upper
 152 100
 115 57.7 30.1 90.5
 150 158.9 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

