

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
 Data File : VD062732.D
 Acq On : 17 Jun 2019 17:45
 Operator : VA/AP
 Sample : K3154-07
 Misc : 4.63g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 18 06:57:28 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

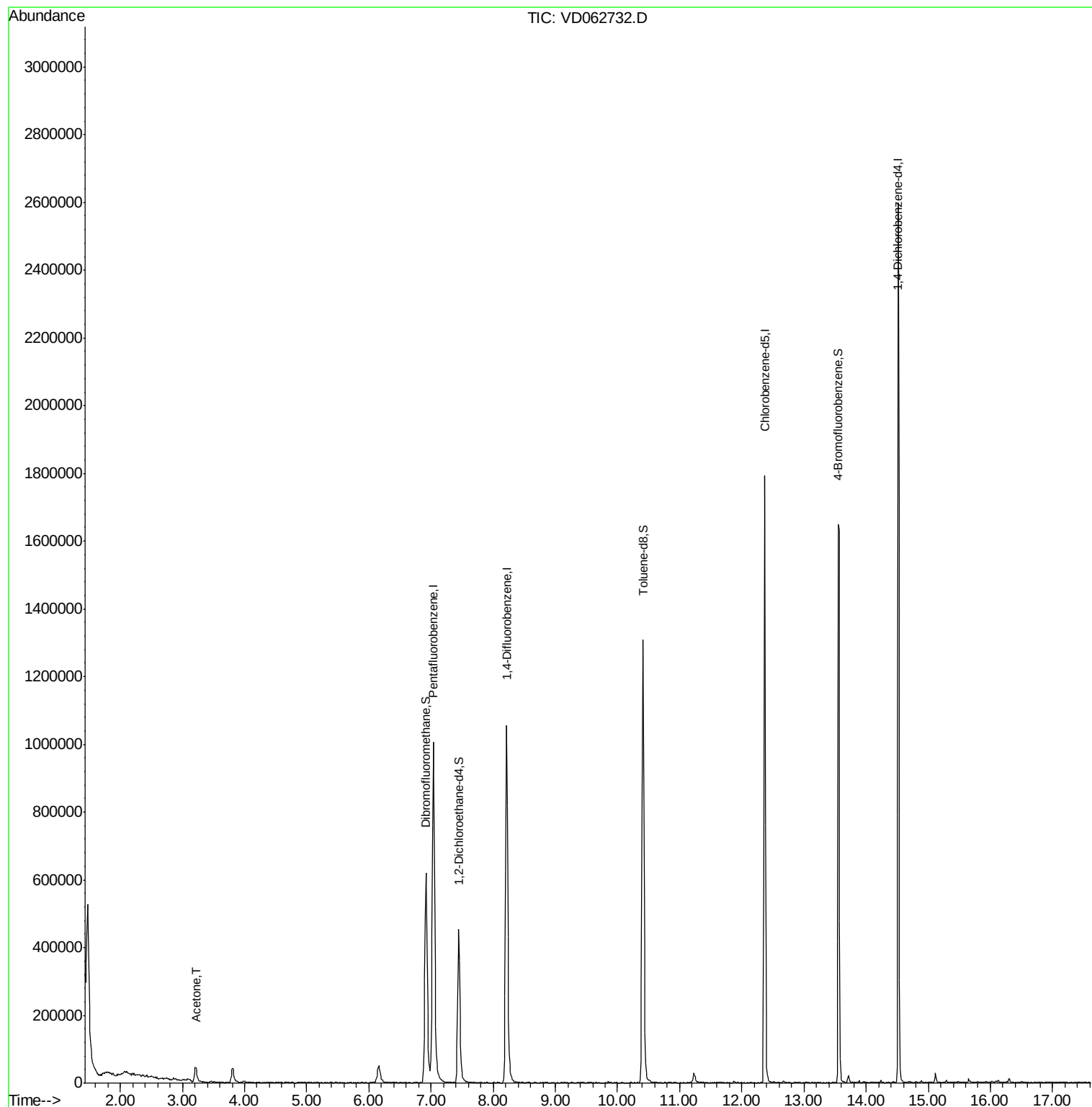
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	926600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1167224	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	973338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	531833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	520199	38.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.82%	
35) Dibromofluoromethane	6.92	113	552140	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
50) Toluene-d8	10.41	98	1100056	42.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.96%	
62) 4-Bromofluorobenzene	13.55	95	495860	41.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.08%	
Target Compounds						
16) Acetone	3.22	43	97061	39.643	ug/l #	Qvalue 90

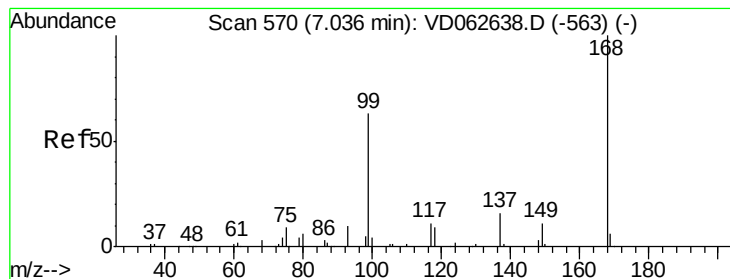
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 08 00:02:21 2019
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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: VD062732.D

Acq: 17 Jun 2019 17:45

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ClientSampleId :

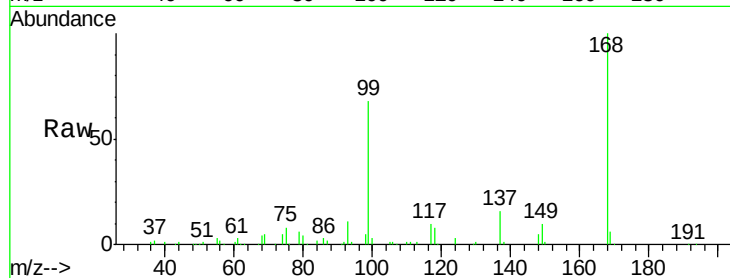
JC-02-061419-D

Tot Ion:168 Resp: 926600

Ion Ratio Lower Upper

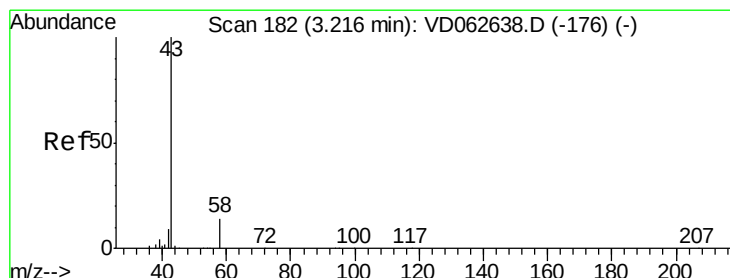
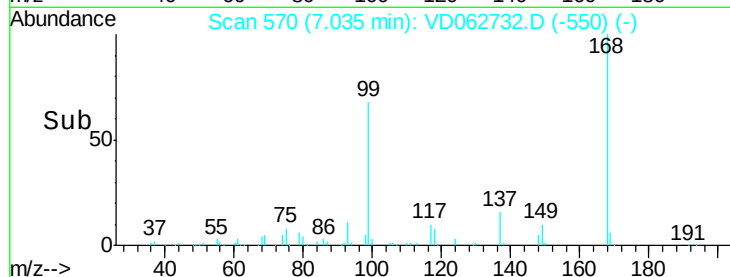
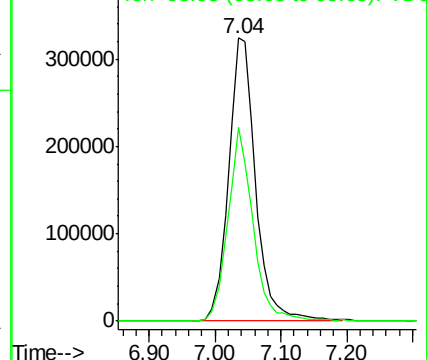
168 100

99 68.4 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: 39.643 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD062732.D

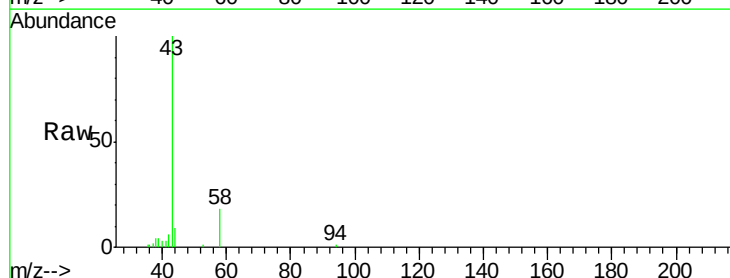
Acq: 17 Jun 2019 17:45

Tgt Ion: 43 Resp: 97061

Ion Ratio Lower Upper

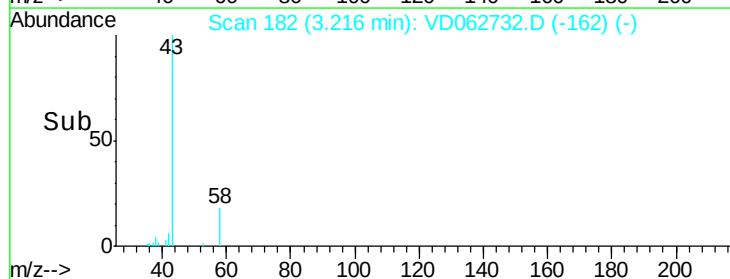
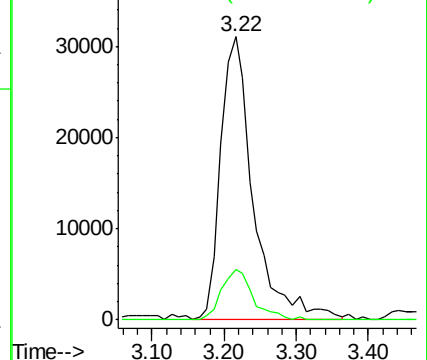
43 100

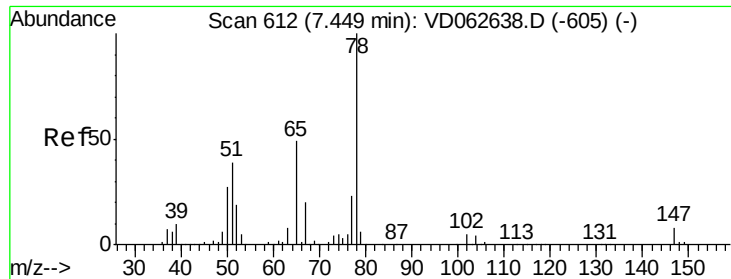
58 17.7 10.8 16.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

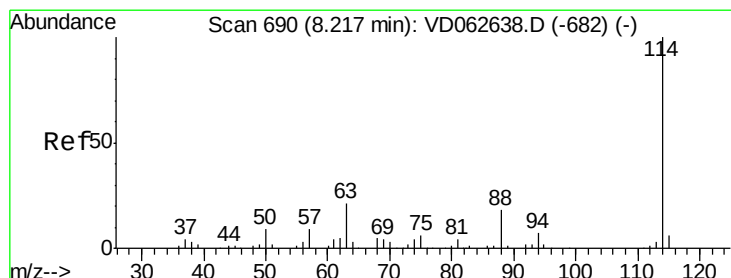
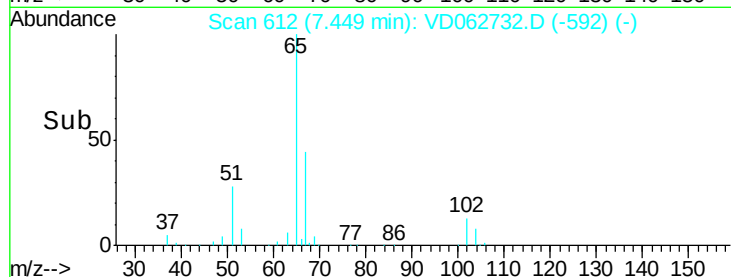
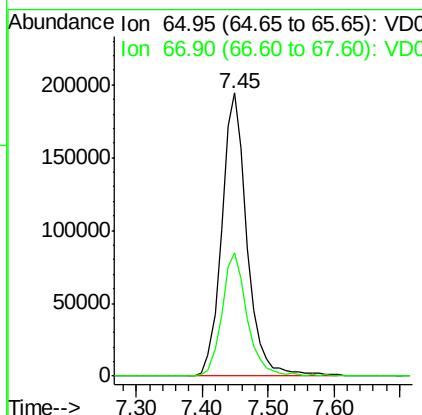
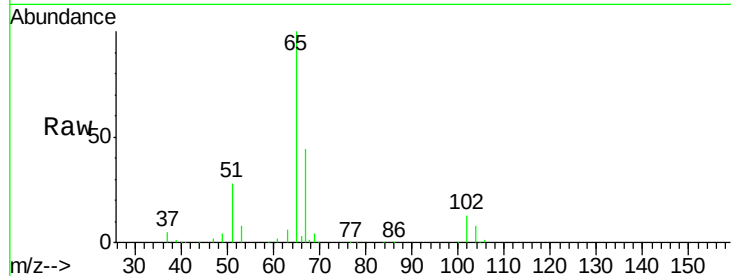




#33
 1,2-Dichloroethane-d4
 Concen: 38.906 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VD062732.D
 Acq: 17 Jun 2019 17:45

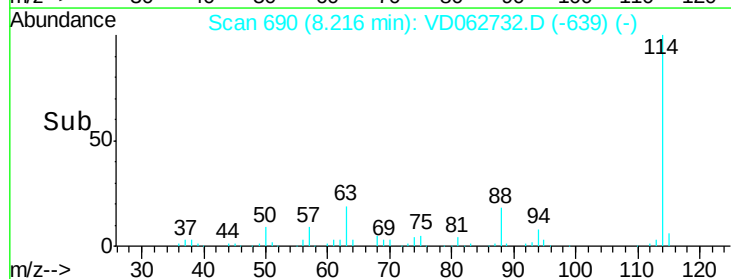
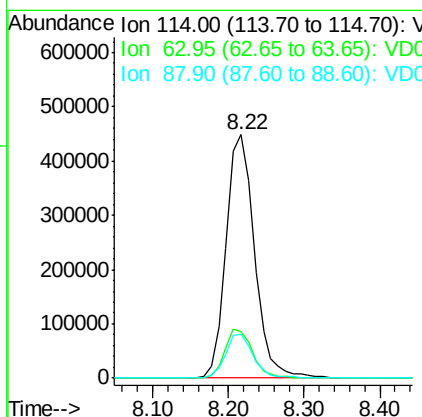
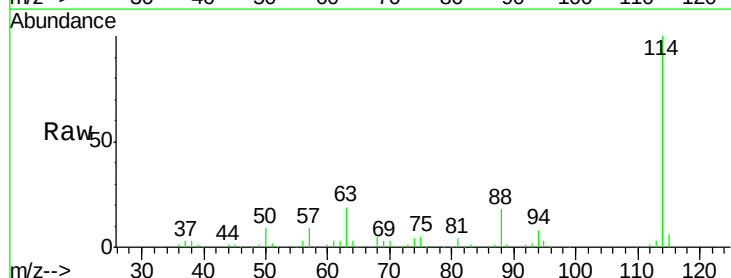
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-D

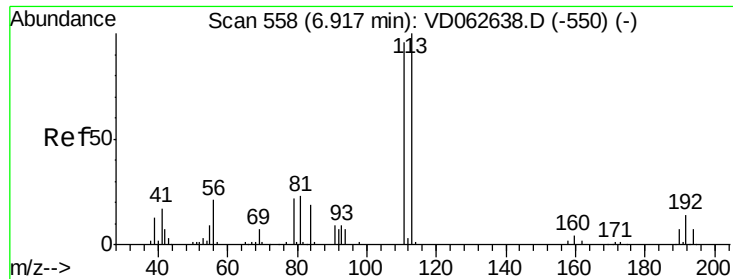
Tot Ion: 65 Resp: 520199
 Ion Ratio Lower Upper
 65 100
 67 43.7 0.0 81.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062732.D
 Acq: 17 Jun 2019 17:45

Tgt Ion: 114 Resp: 1167224
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.4
 88 17.8 0.0 36.8





#35

Dibromofluoromethane

Concen: 44.853 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD062732.D

Acq: 17 Jun 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

JC-02-061419-D

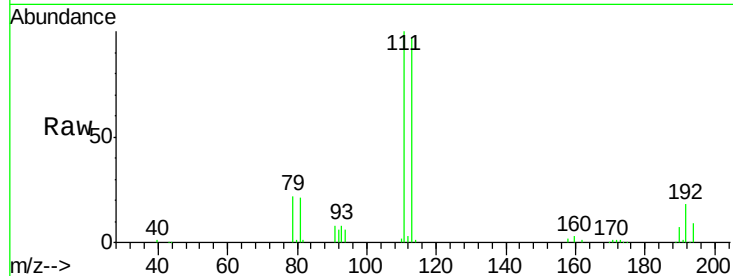
Tot Ion:113 Resp: 552140

Ion Ratio Lower Upper

113 100

111 103.2 76.4 114.6

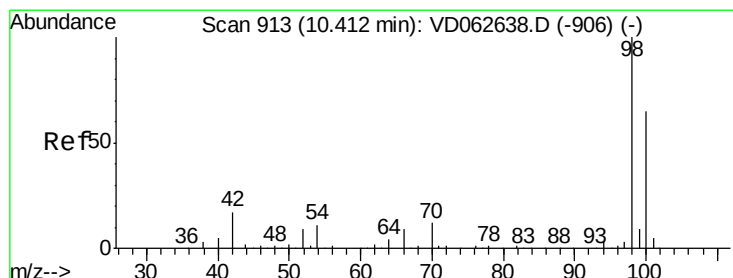
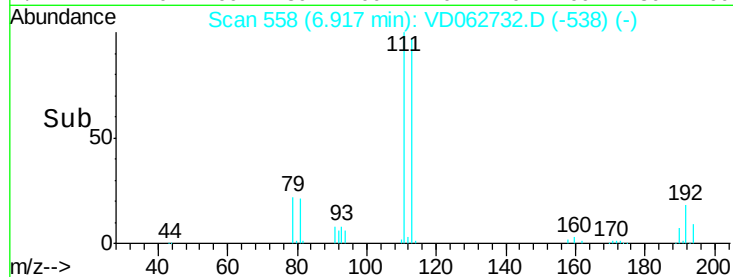
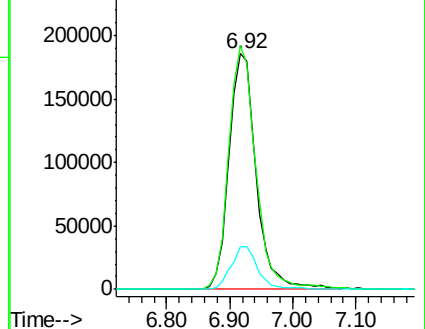
192 18.3 11.4 17.0#



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: 42.480 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062732.D

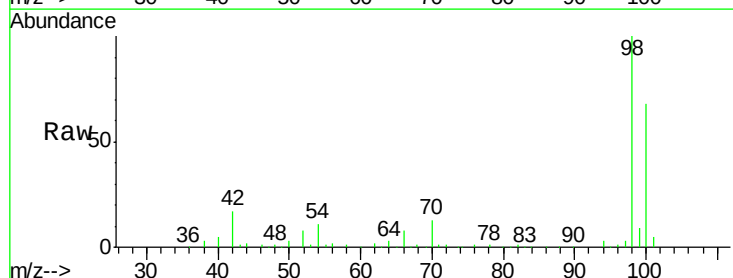
Acq: 17 Jun 2019 17:45

Tgt Ion: 98 Resp: 1100056

Ion Ratio Lower Upper

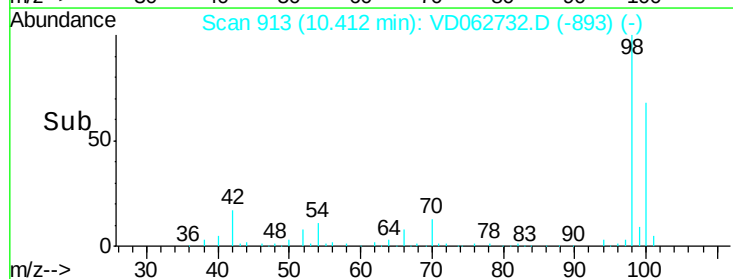
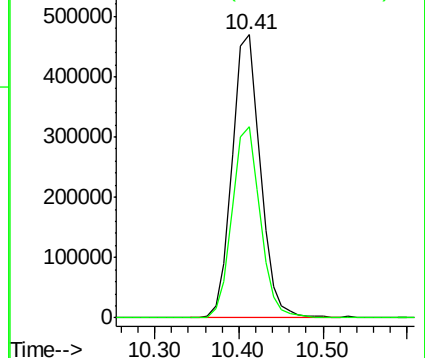
98 100

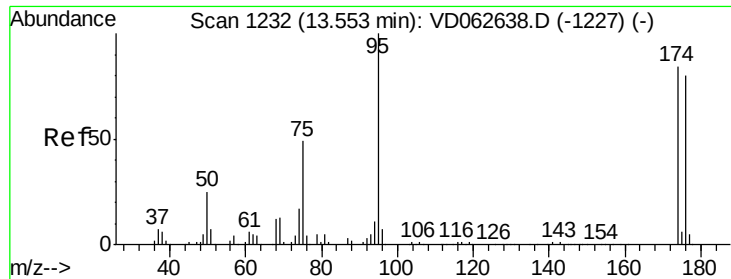
100 67.5 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 41.044 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062732.D

Acq: 17 Jun 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

JC-02-061419-D

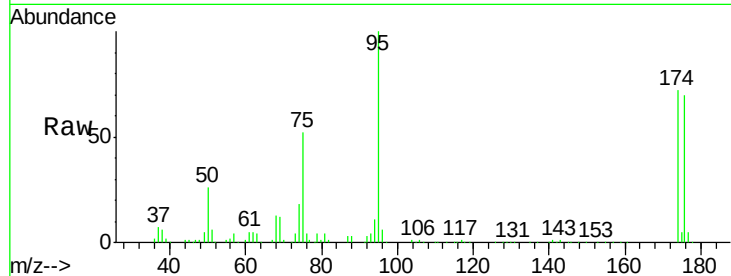
Tot Ion: 95 Resp: 495860

Ion Ratio Lower Upper

95 100

174 72.1 0.0 167.0

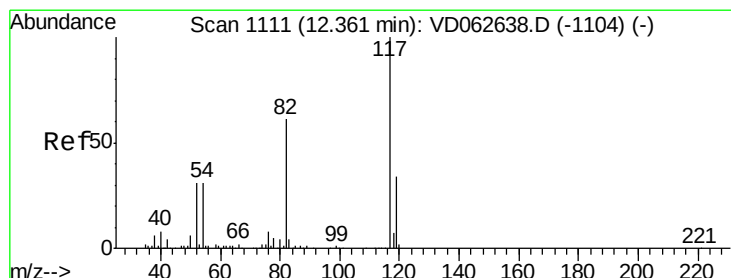
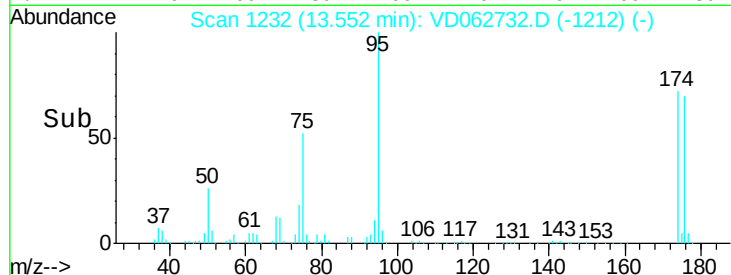
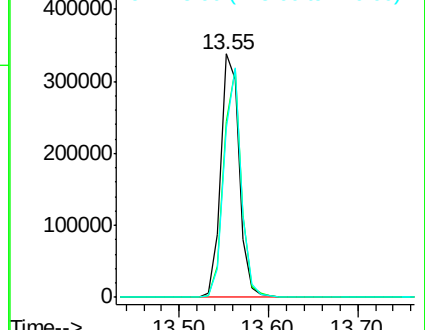
176 69.7 0.0 159.2



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: VD062732.D

Acq: 17 Jun 2019 17:45

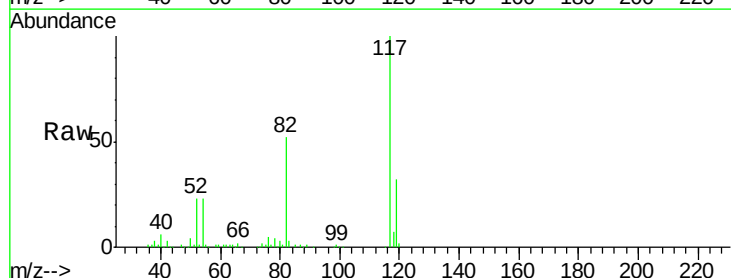
Tgt Ion: 117 Resp: 973338

Ion Ratio Lower Upper

117 100

82 51.8 48.7 73.1

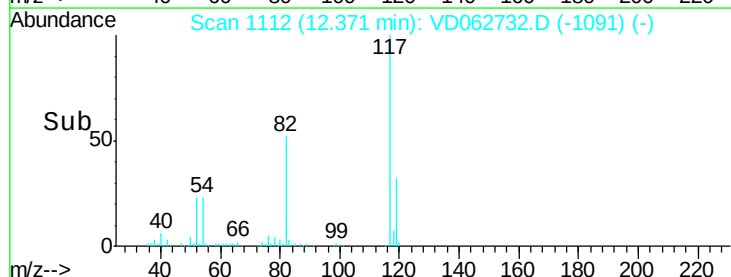
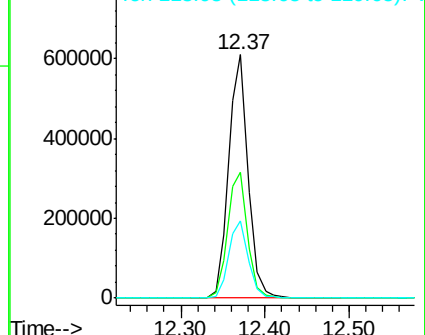
119 31.7 27.0 40.6

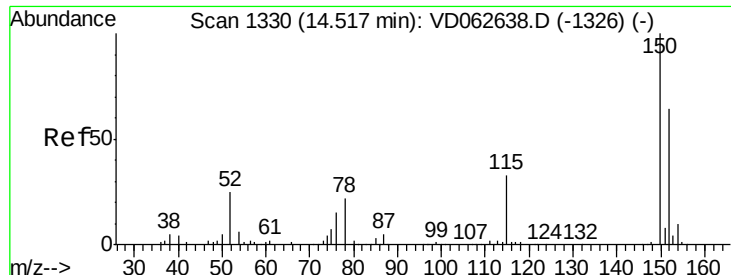


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

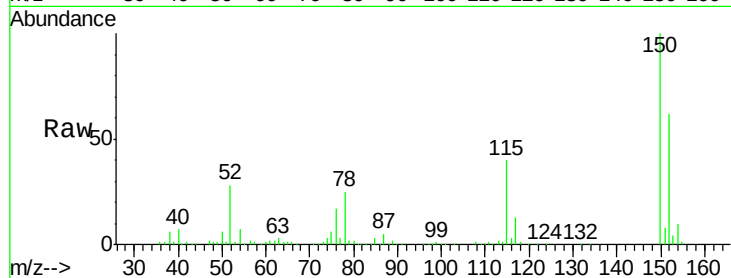




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD062732.D
 Acq: 17 Jun 2019 17:45

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.5	30.1	90.5
150	160.3	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

