

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051119\
 Data File : VD062246.D
 Acq On : 11 May 2019 19:17
 Operator : FY/SY
 Sample : K2719-19RE
 Misc : 2.76g/5mL/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS011-0206-01RE

Quant Time: May 15 02:54:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

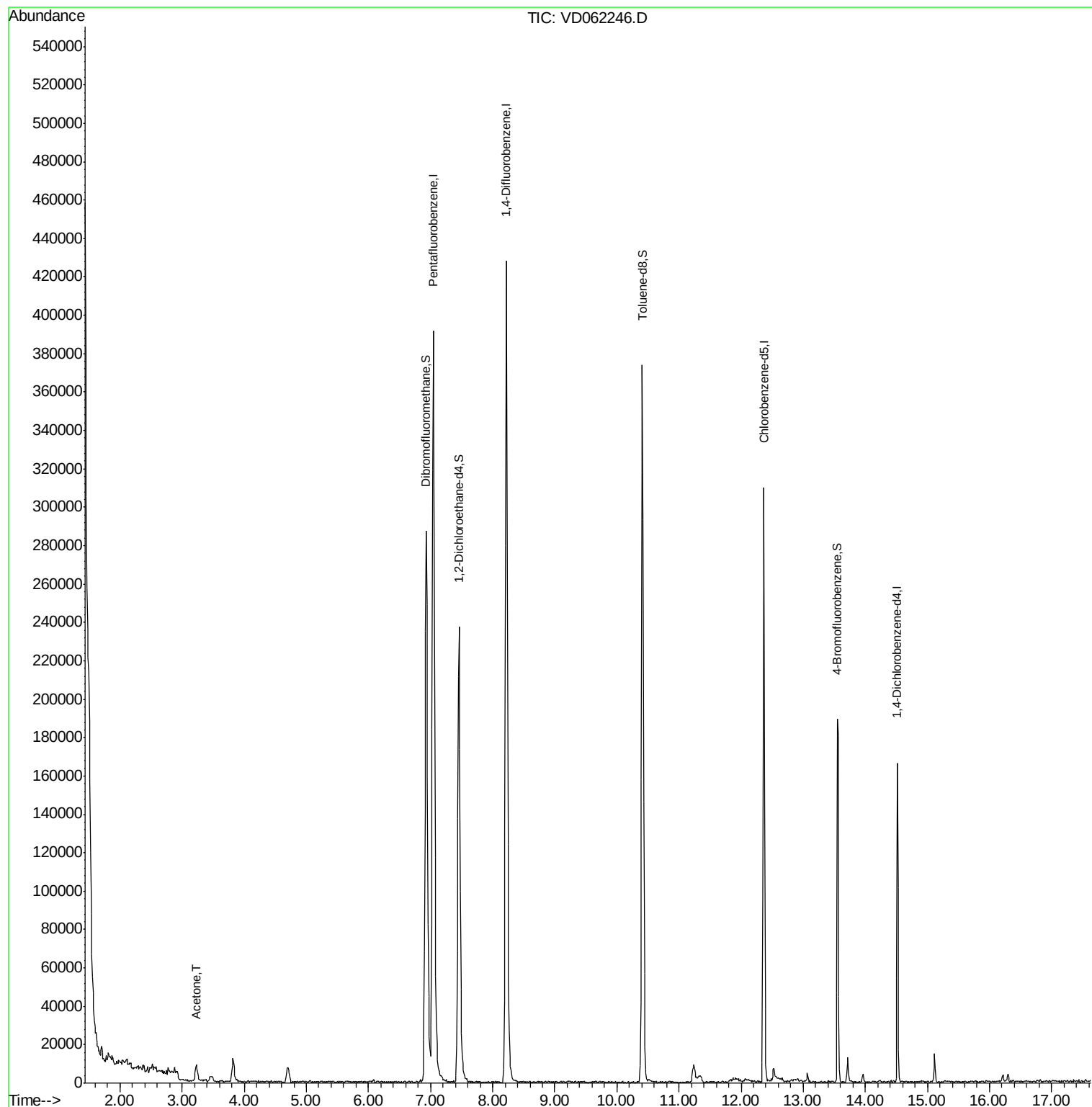
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	361852	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	459091	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	174751	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	36339	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	262718	78.13	ug/l	0.03
Spiked Amount 50.000			Recovery	=	156.26%	
35) Dibromofluoromethane	6.93	113	252703	66.34	ug/l	0.03
Spiked Amount 50.000			Recovery	=	132.68%	
50) Toluene-d8	10.41	98	319388	34.78	ug/l	0.01
Spiked Amount 50.000			Recovery	=	69.56%	
62) 4-Bromofluorobenzene	13.55	95	55742	15.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	30.22%	
Target Compounds						
16) Acetone	3.23	43	17444	24.736	ug/l #	Qvalue 89

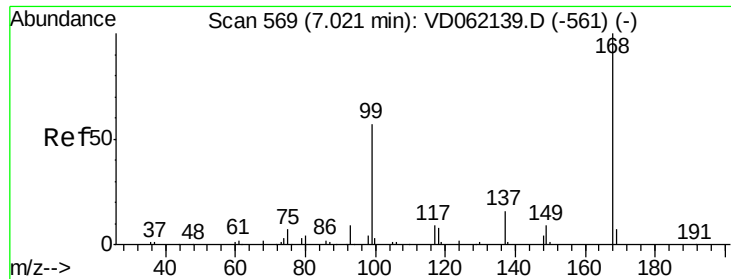
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

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MSVOA_D

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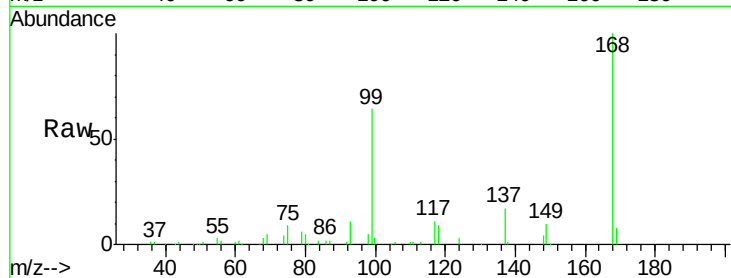
P026-SS011-0206-01RE

Tot Ion:168 Resp: 361852

Ion Ratio Lower Upper

168 100

99 63.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

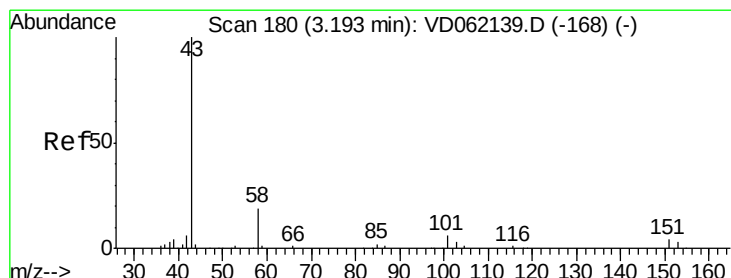
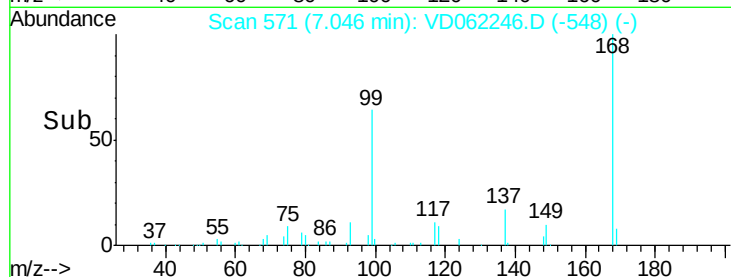
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 24.736 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062246.D

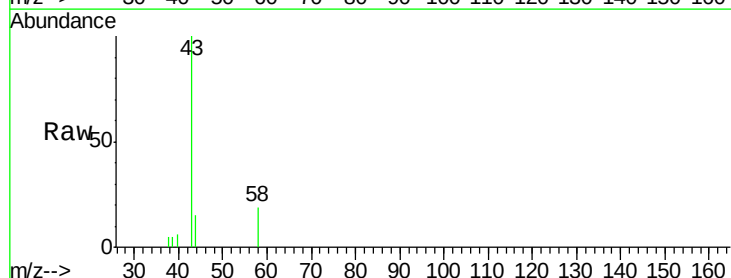
Acq: 11 May 2019 19:17

Tgt Ion: 43 Resp: 17444

Ion Ratio Lower Upper

43 100

58 19.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

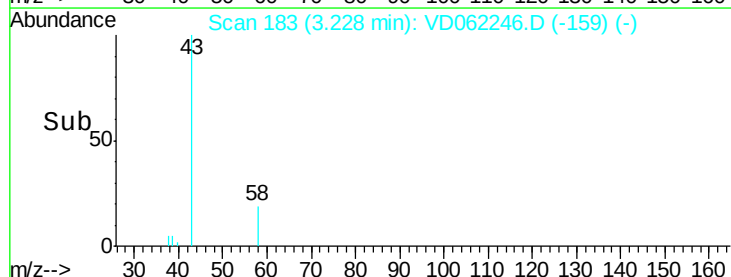
6000

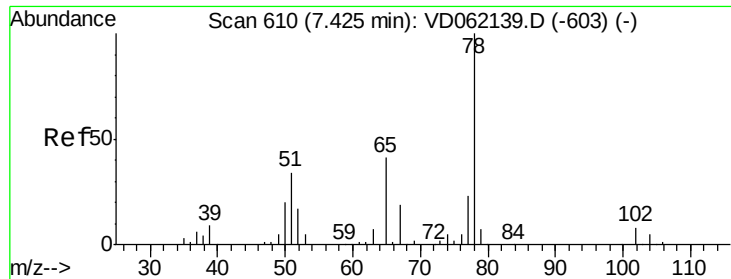
4000

2000

0

Time--> 3.10 3.20 3.30

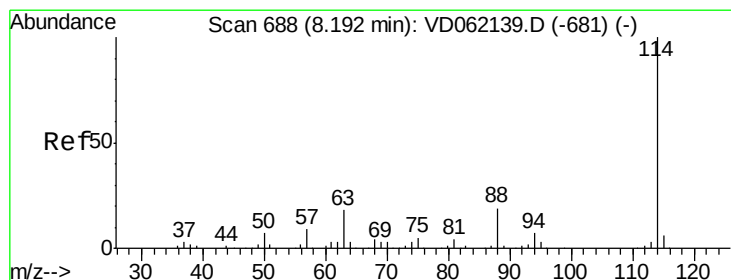
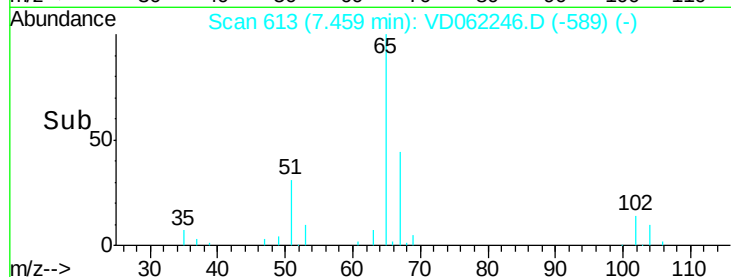
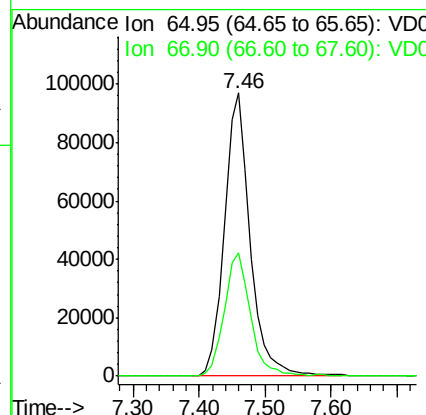
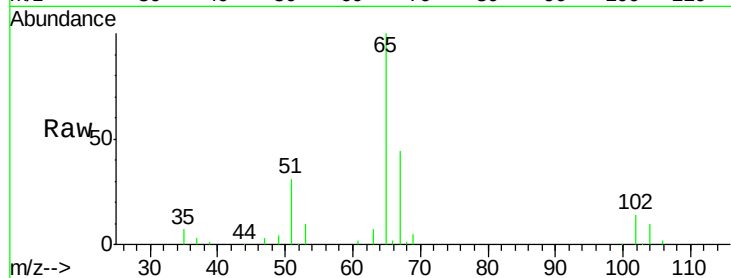




#33
 1,2-Dichloroethane-d4
 Concen: 78.126 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.03 min
 Lab File: VD062246.D
 Acq: 11 May 2019 19:17

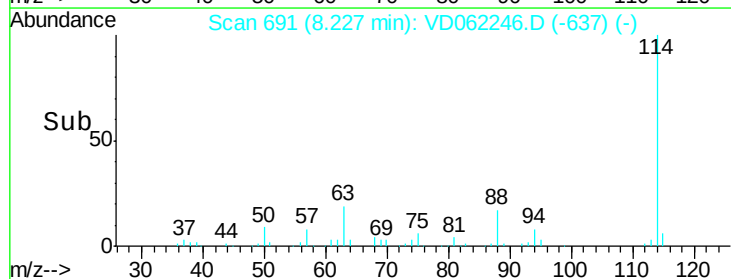
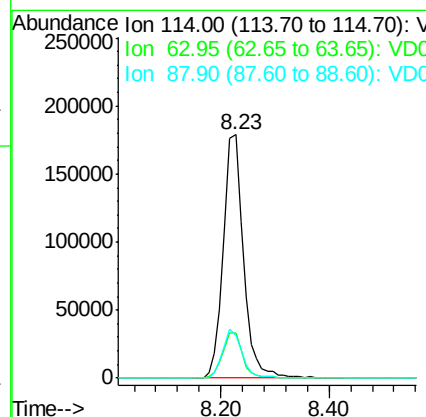
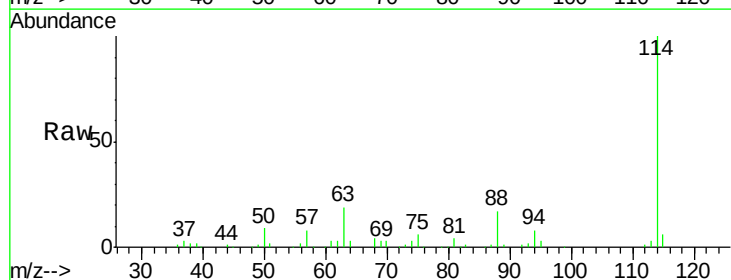
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS011-0206-01RE

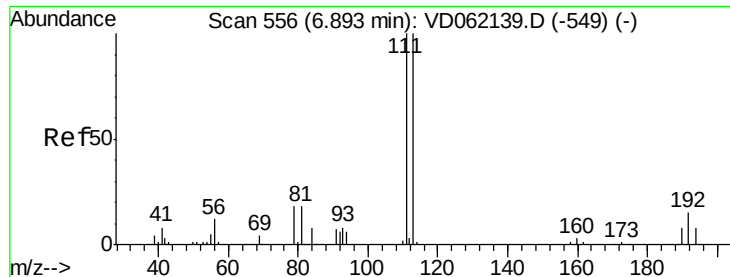
Tot Ion: 65 Resp: 262718
 Ion Ratio Lower Upper
 65 100
 67 43.7 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062246.D
 Acq: 11 May 2019 19:17

Tgt Ion: 114 Resp: 459091
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 32.4
 88 17.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 66.341 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062246.D

Acq: 11 May 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

P026-SS011-0206-01RE

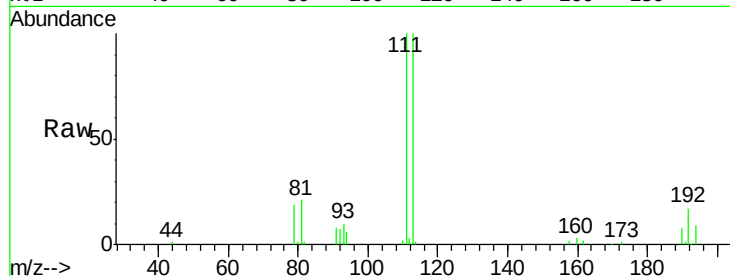
Tot Ion:113 Resp: 252703

Ion Ratio Lower Upper

113 100

111 99.9 78.5 117.7

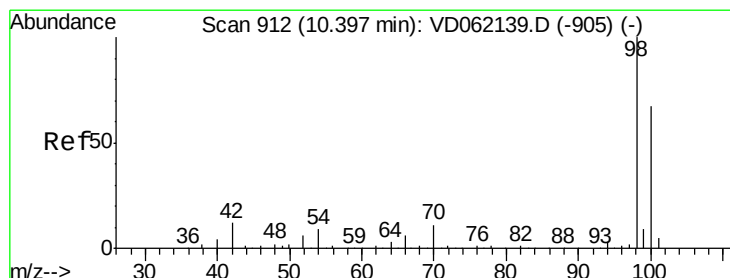
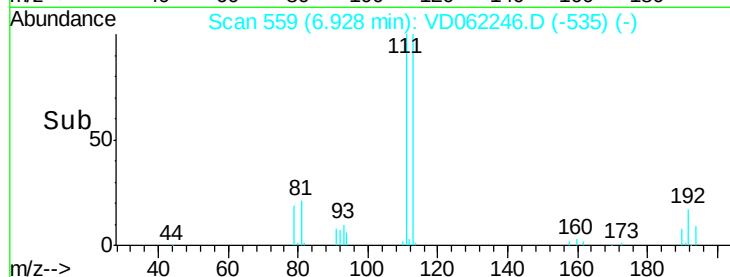
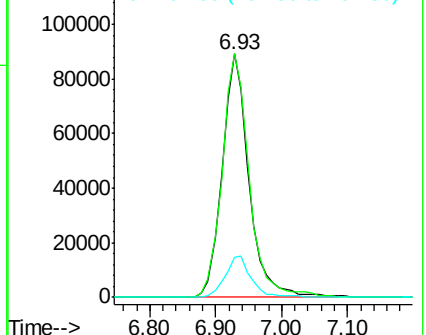
192 16.7 13.0 19.4



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: 34.776 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062246.D

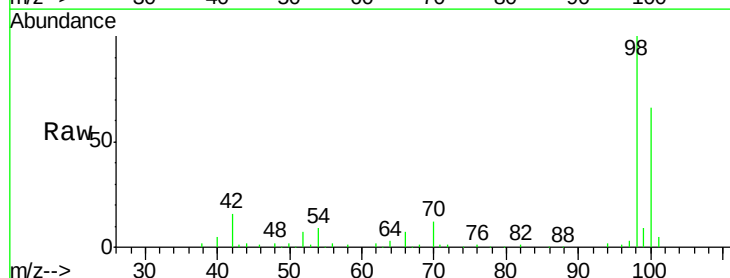
Acq: 11 May 2019 19:17

Tgt Ion: 98 Resp: 319388

Ion Ratio Lower Upper

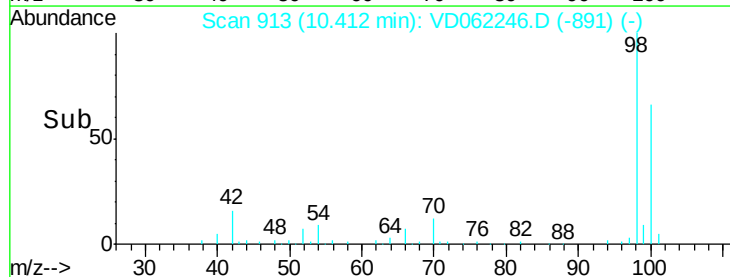
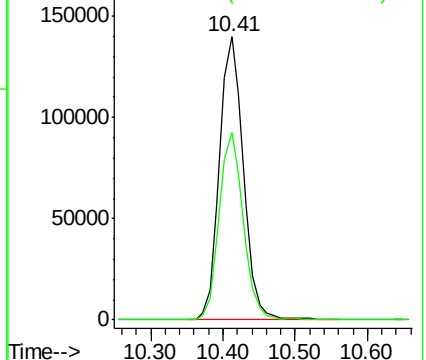
98 100

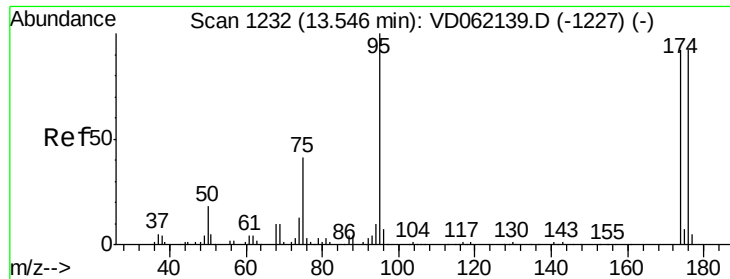
100 66.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 15.114 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062246.D

Acq: 11 May 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

P026-SS011-0206-01RE

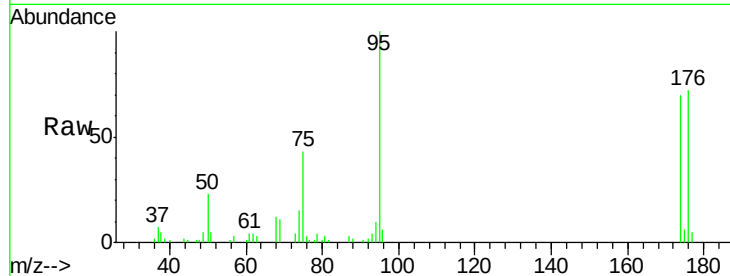
Tot Ion: 95 Resp: 55742

Ion Ratio Lower Upper

95 100

174 70.4 0.0 181.8

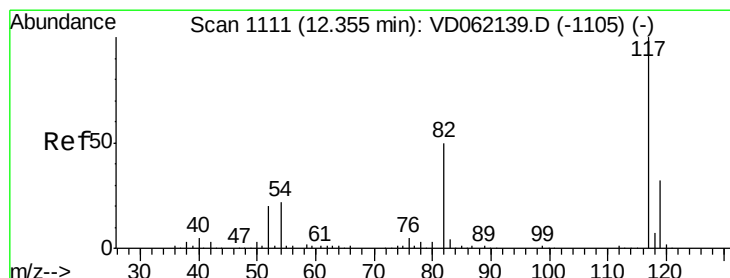
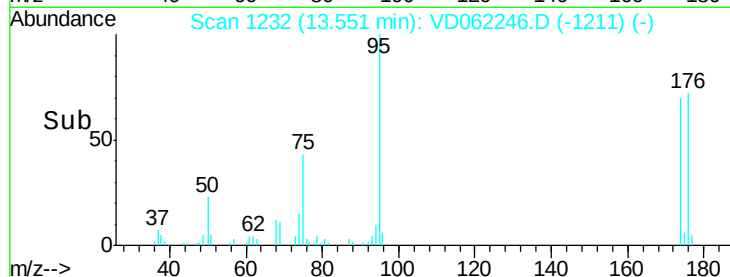
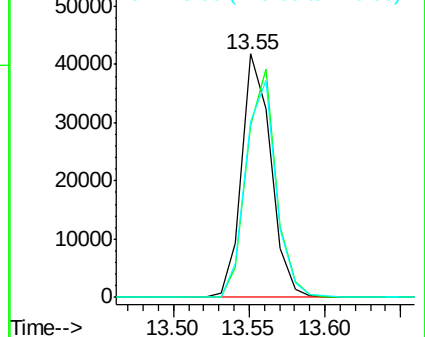
176 72.1 0.0 174.4



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. 0.01 min

Lab File: VD062246.D

Acq: 11 May 2019 19:17

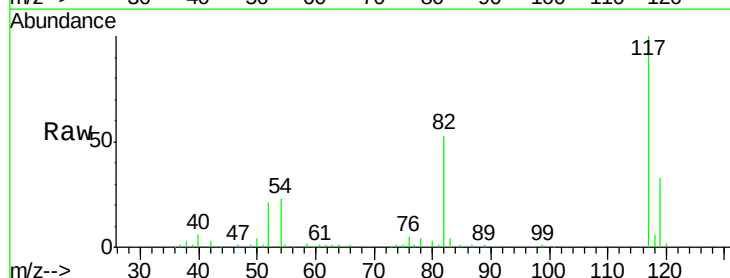
Tgt Ion: 117 Resp: 174751

Ion Ratio Lower Upper

117 100

82 52.7 36.2 54.2

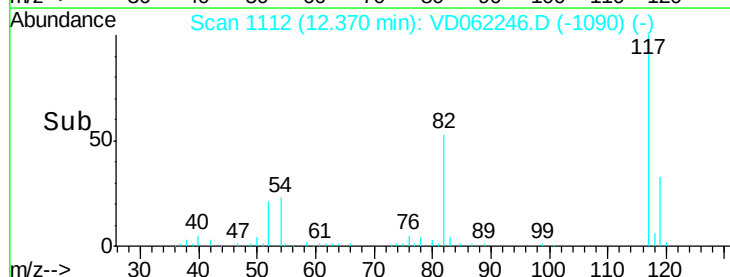
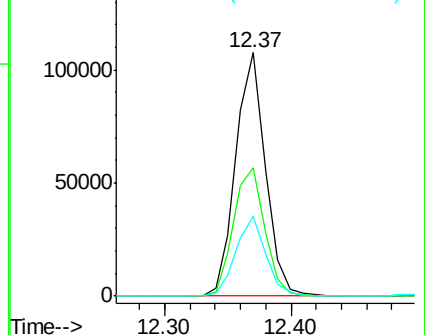
119 32.6 26.2 39.4

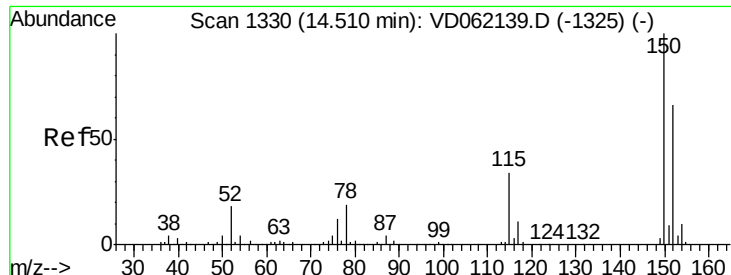


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD062246.D

Acq: 11 May 2019 19:17

Instrument :

MSVOA_D

ClientSampleId :

P026-SS011-0206-01RE

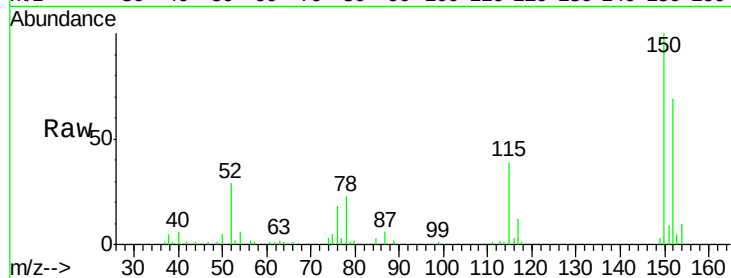
Tot Ion:152 Resp: 36339

Ion Ratio Lower Upper

152 100

115 56.7 30.9 92.7

150 145.1 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

