

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051319\
 Data File : VD062306.D
 Acq On : 13 May 2019 15:54
 Operator : FY/SY
 Sample : K2734-03
 Misc : 4.14g/5mL/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS012-0002-01

Quant Time: May 15 01:53:20 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

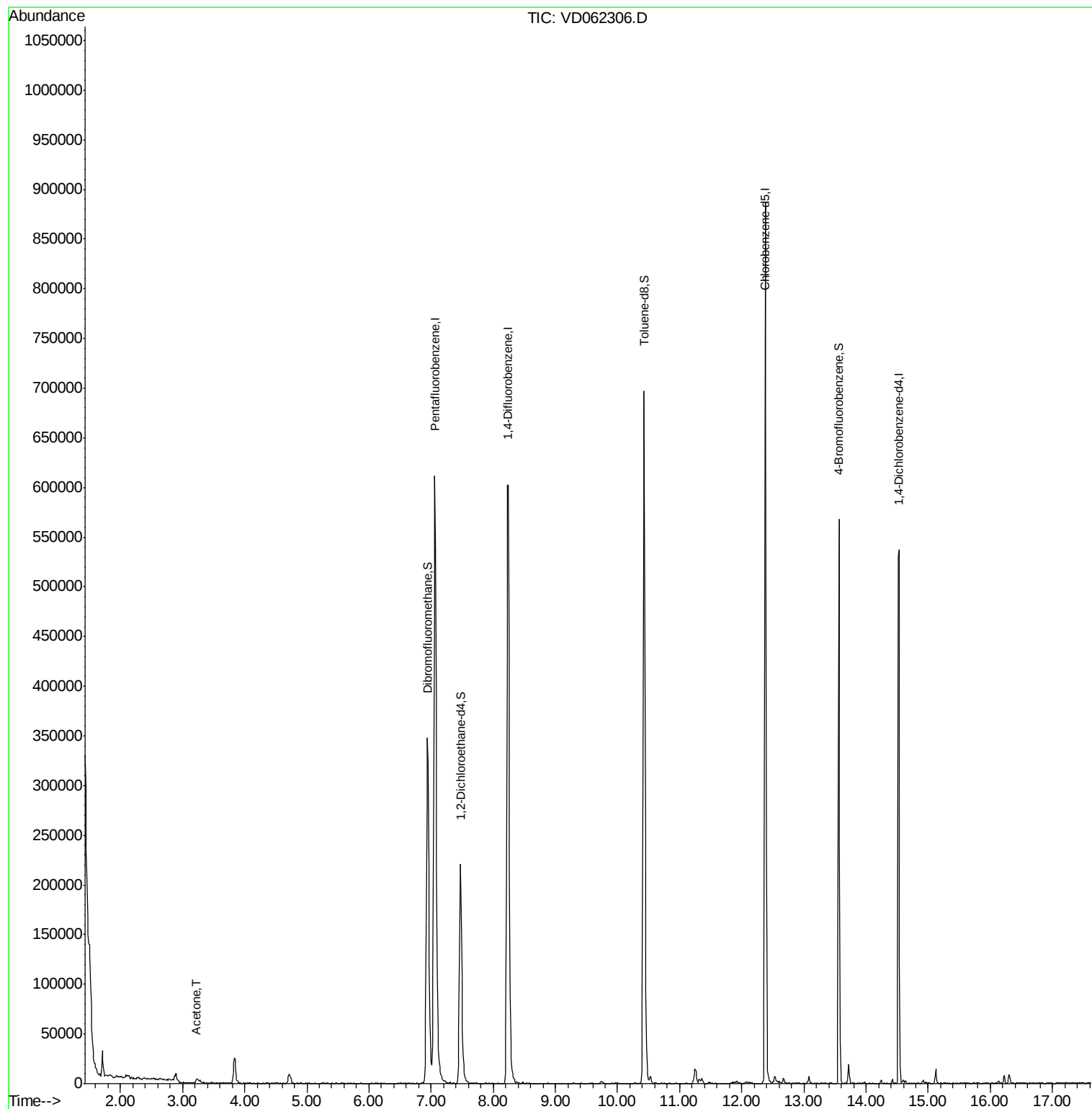
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	555287	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	677843	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.37	117	445413	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	128389	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	268507	52.03	ug/l	0.05
Spiked Amount 50.000			Recovery	=	104.06%	
35) Dibromofluoromethane	6.94	113	313678	55.77	ug/l	0.05
Spiked Amount 50.000			Recovery	=	111.54%	
50) Toluene-d8	10.43	98	552834	40.77	ug/l	0.03
Spiked Amount 50.000			Recovery	=	81.54%	
62) 4-Bromofluorobenzene	13.57	95	156080	28.66	ug/l	0.02
Spiked Amount 50.000			Recovery	=	57.32%	
Target Compounds						
16) Acetone	3.23	43	9884	9.133	ug/l #	Qvalue 77

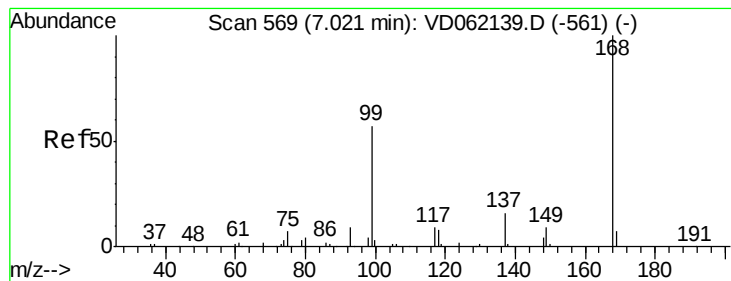
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062306.D

Acq: 13 May 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

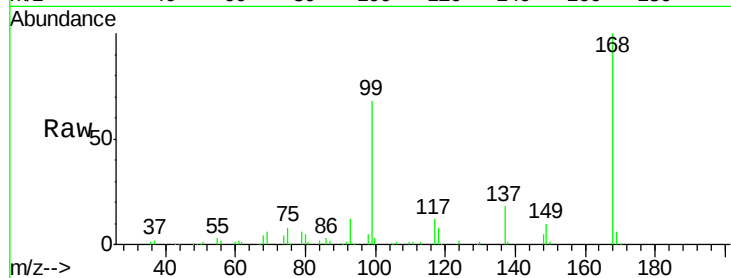
P026-SS012-0002-01

Tot Ion:168 Resp: 555287

Ion Ratio Lower Upper

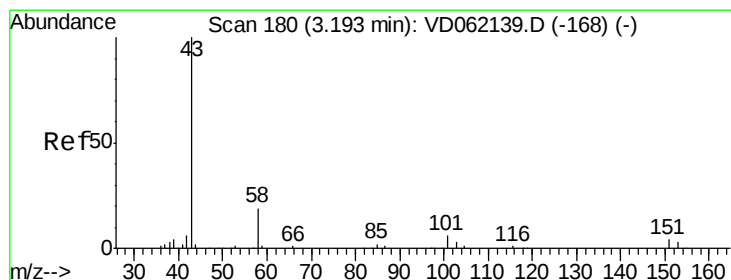
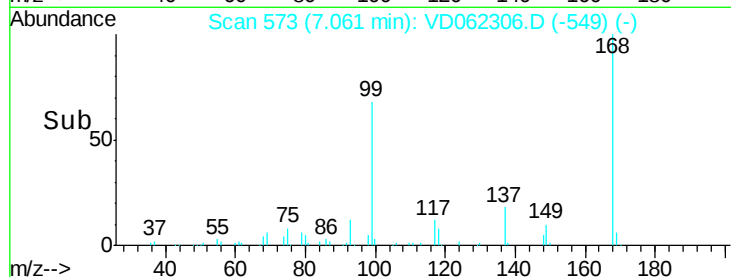
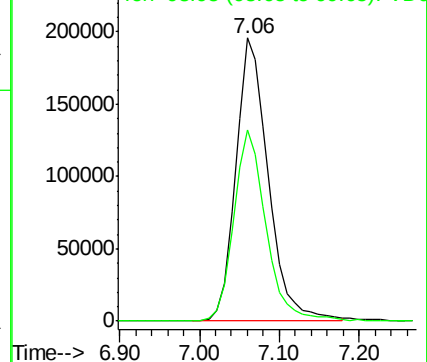
168 100

99 67.7 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: 9.133 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062306.D

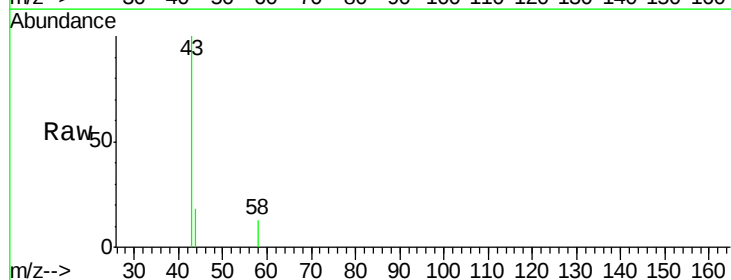
Acq: 13 May 2019 15:54

Tgt Ion: 43 Resp: 9884

Ion Ratio Lower Upper

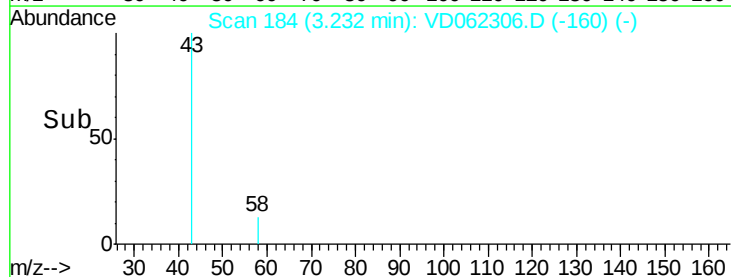
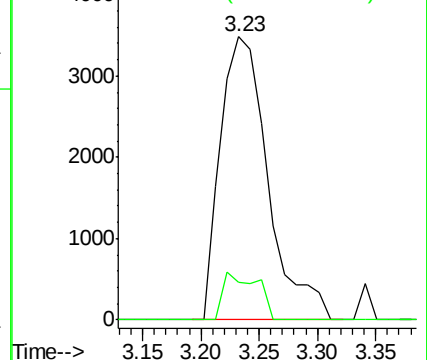
43 100

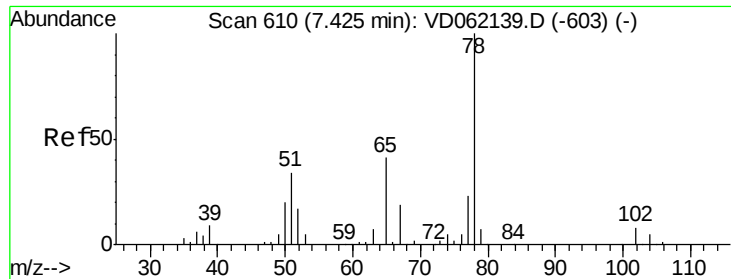
58 13.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

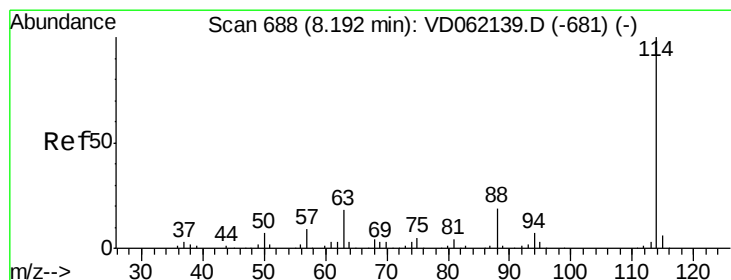
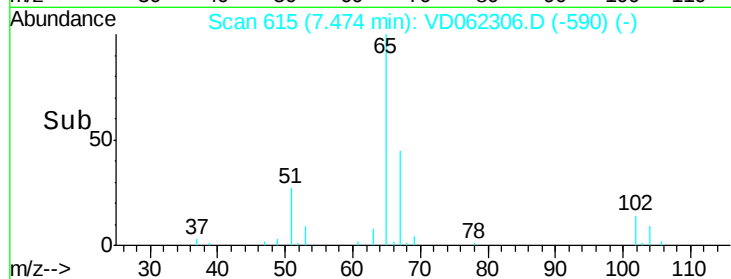
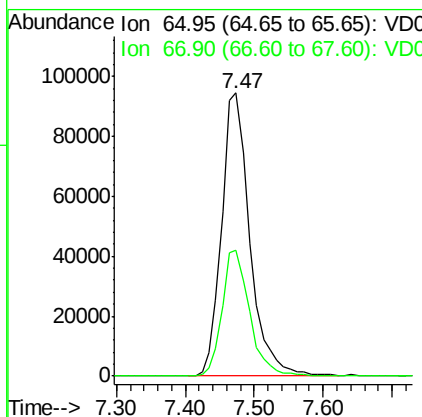
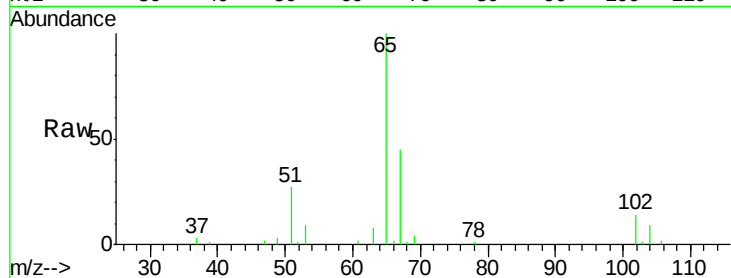




#33
 1,2-Dichloroethane-d4
 Concen: 52.033 ug/l
 RT: 7.47 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD062306.D
 Acq: 13 May 2019 15:54

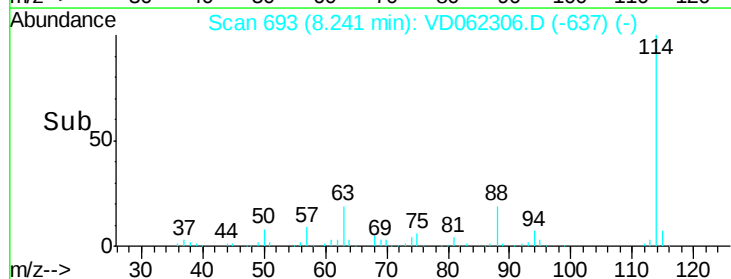
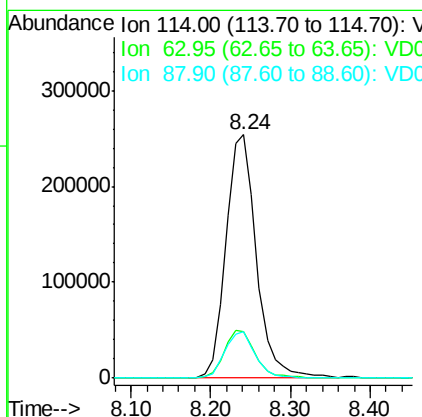
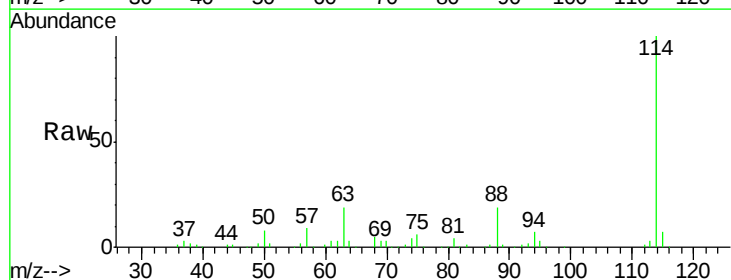
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS012-0002-01

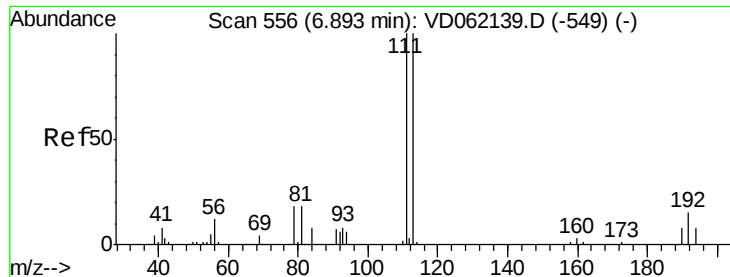
Tot Ion: 65 Resp: 268507
 Ion Ratio Lower Upper
 65 100
 67 44.5 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062306.D
 Acq: 13 May 2019 15:54

Tgt Ion: 114 Resp: 677843
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 32.4
 88 18.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 55.773 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062306.D

Acq: 13 May 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

P026-SS012-0002-01

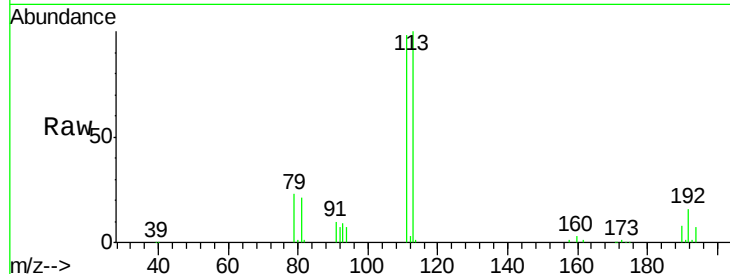
Tot Ion:113 Resp: 313678

Ion Ratio Lower Upper

113 100

111 97.7 78.5 117.7

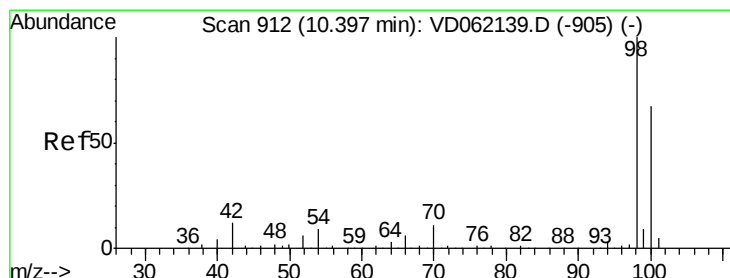
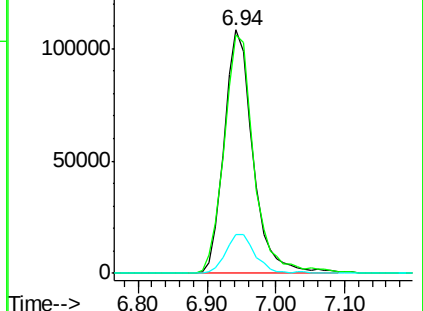
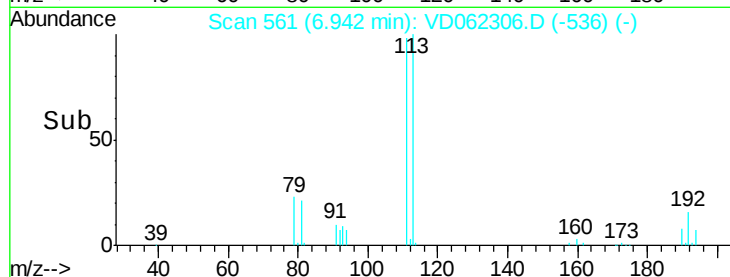
192 16.2 13.0 19.4



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: 40.769 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062306.D

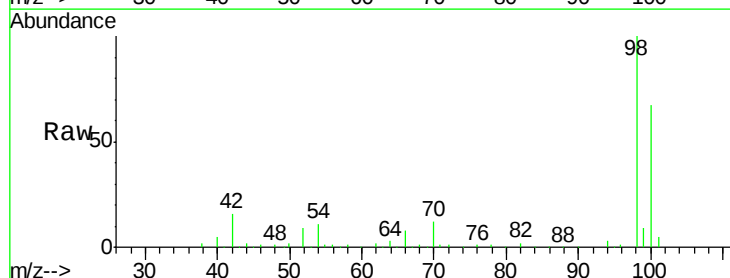
Acq: 13 May 2019 15:54

Tgt Ion: 98 Resp: 552834

Ion Ratio Lower Upper

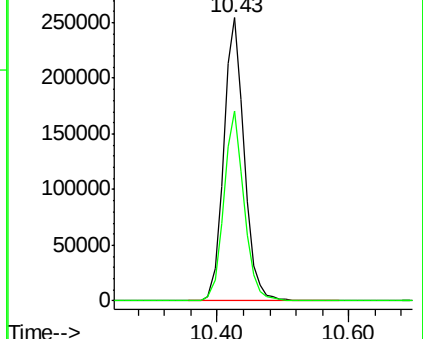
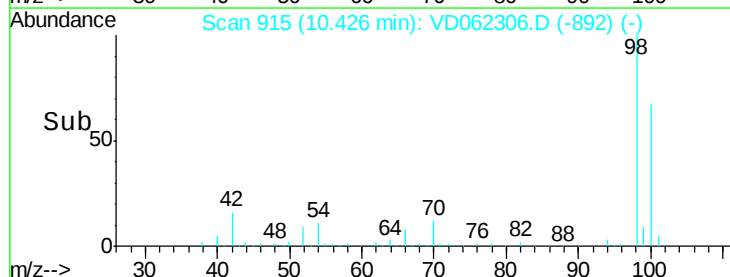
98 100

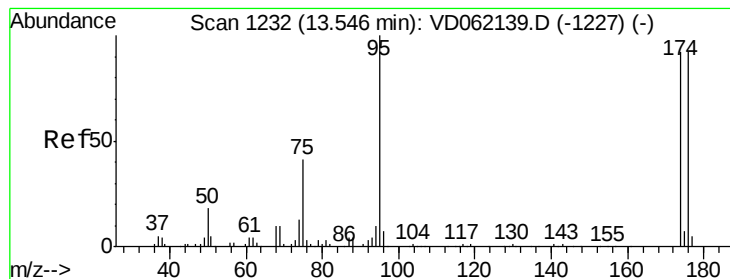
100 66.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 28.663 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062306.D

Acq: 13 May 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

P026-SS012-0002-01

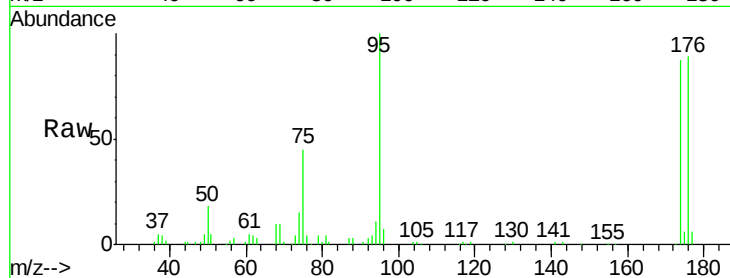
Tot Ion: 95 Resp: 156080

Ion Ratio Lower Upper

95 100

174 87.0 0.0 181.8

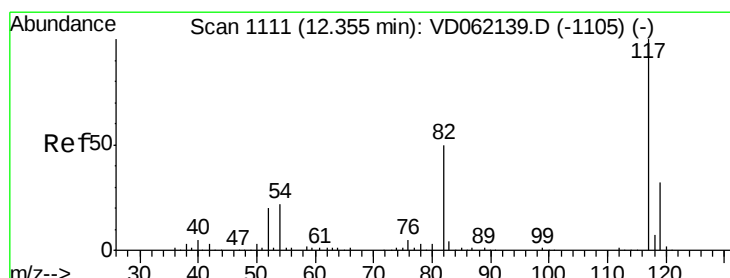
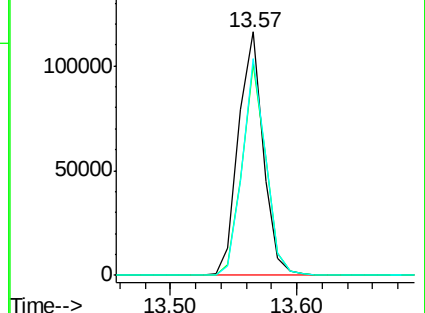
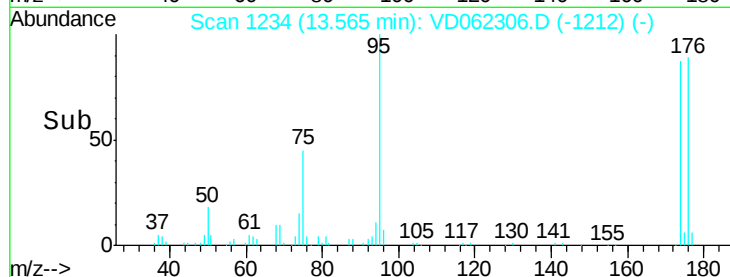
176 88.8 0.0 174.4



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# 1113

Delta R.T. 0.02 min

Lab File: VD062306.D

Acq: 13 May 2019 15:54

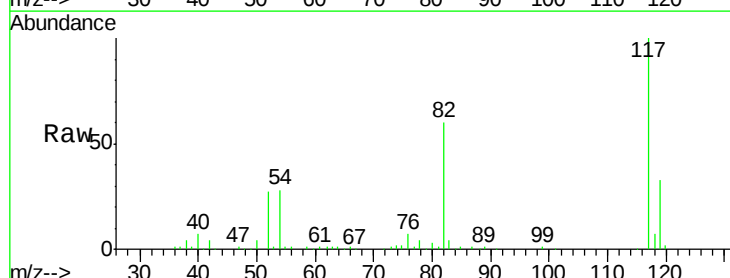
Tgt Ion: 117 Resp: 445413

Ion Ratio Lower Upper

117 100

82 59.7 36.2 54.2#

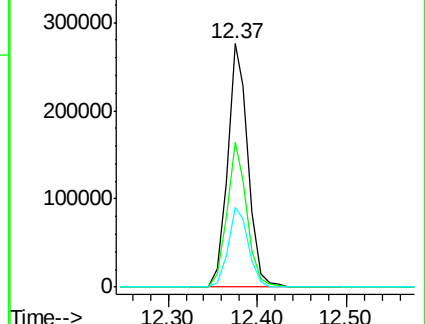
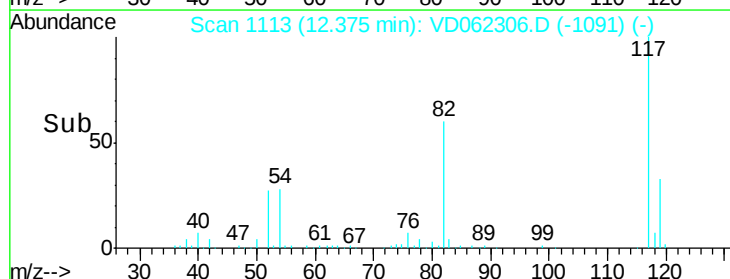
119 33.0 26.2 39.4

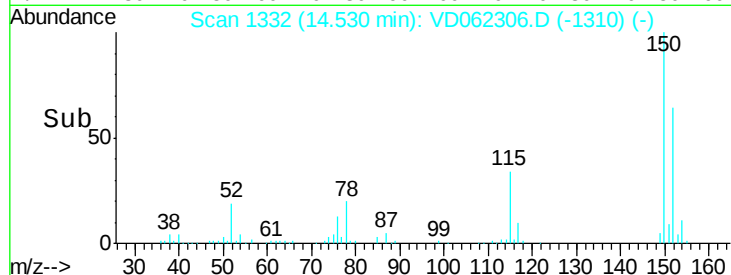
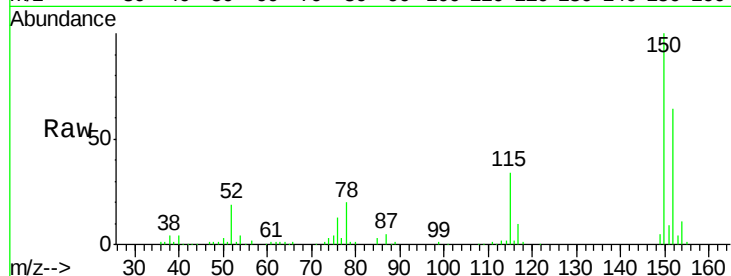
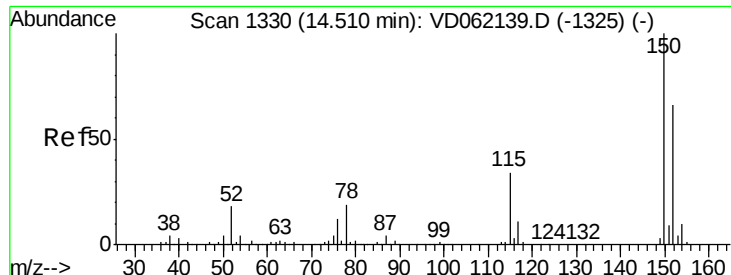


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD062306.D

Acq: 13 May 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

P026-SS012-0002-01

Tot Ion:152 Resp: 128389

Ion Ratio Lower Upper

152 100

115 52.7 30.9 92.7

150 156.3 0.0 314.8

