

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062304.D
 Acq On : 13 May 2019 14:58
 Operator : FY/SY
 Sample : K2734-01
 Misc : 6.03g/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS004-1218-01

Quant Time: May 15 01:51:55 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

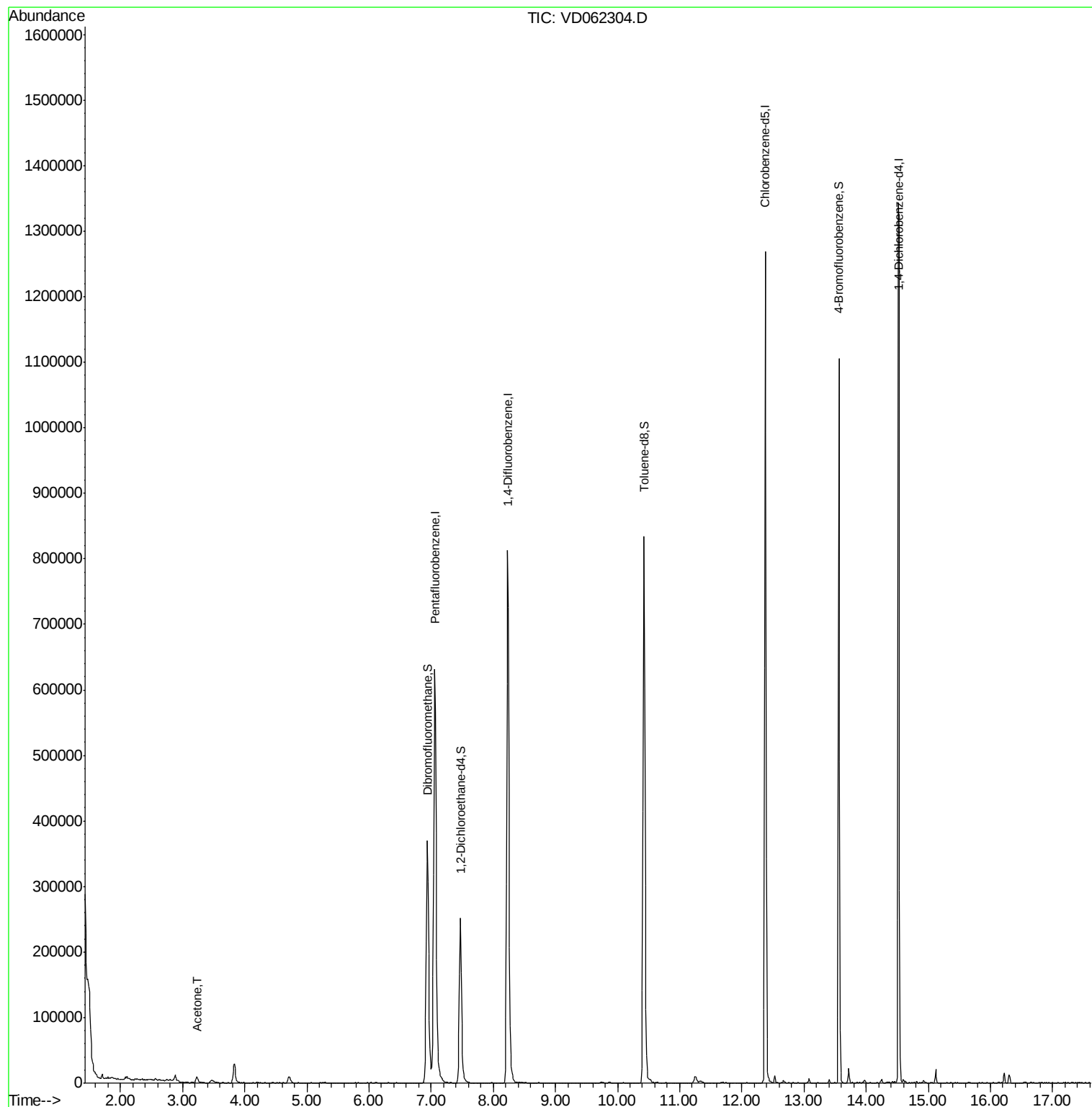
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	592275	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	843558	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	647925	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	322024	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	285063	51.79	ug/l	0.05
Spiked Amount 50.000			Recovery	=	103.58%	
35) Dibromofluoromethane	6.94	113	326603	46.66	ug/l	0.05
Spiked Amount 50.000			Recovery	=	93.32%	
50) Toluene-d8	10.43	98	708131	41.96	ug/l	0.03
Spiked Amount 50.000			Recovery	=	83.92%	
62) 4-Bromofluorobenzene	13.56	95	294078	43.40	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.80%	
Target Compounds						
16) Acetone	3.23	43	19741	17.103	ug/l #	Qvalue 78

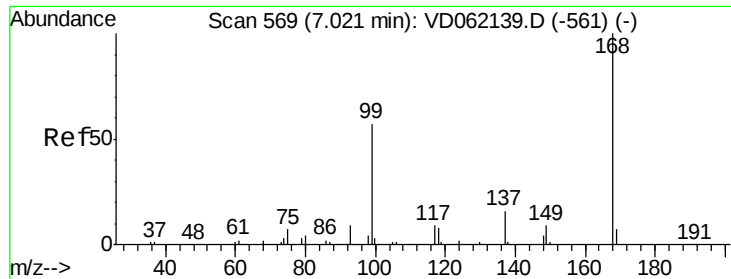
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062304.D

Acq: 13 May 2019 14:58

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ClientSampleId :

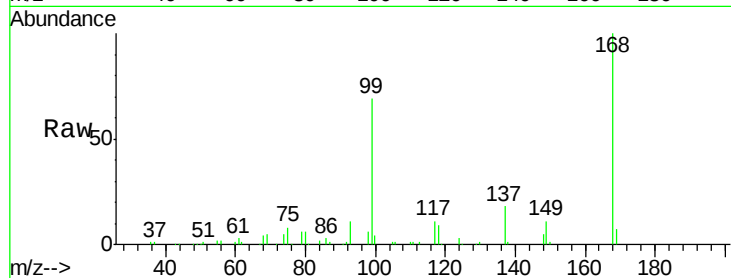
P021-SS004-1218-01

Tot Ion:168 Resp: 592275

Ion Ratio Lower Upper

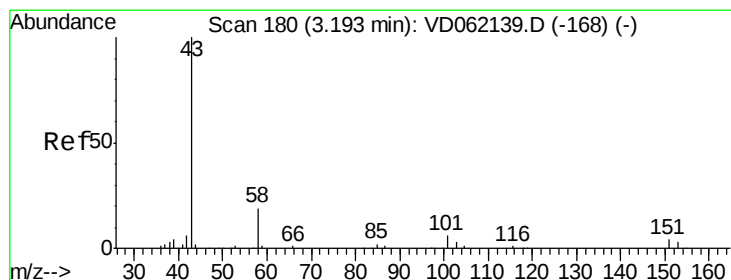
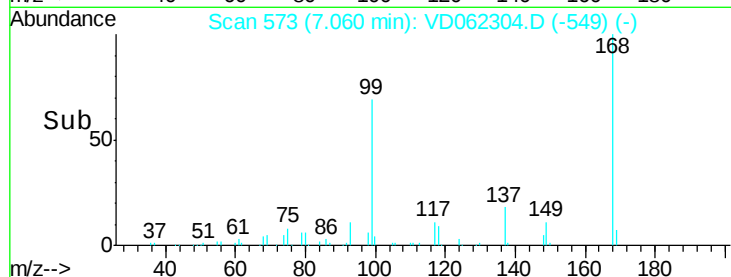
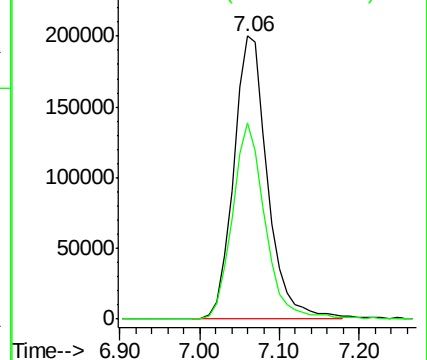
168 100

99 69.3 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: 17.103 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062304.D

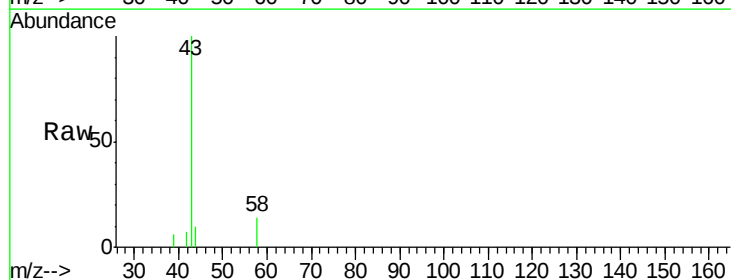
Acq: 13 May 2019 14:58

Tgt Ion: 43 Resp: 19741

Ion Ratio Lower Upper

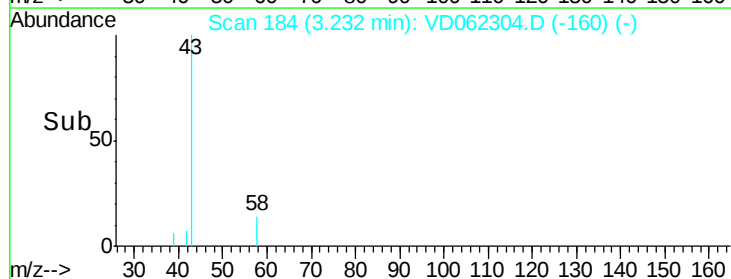
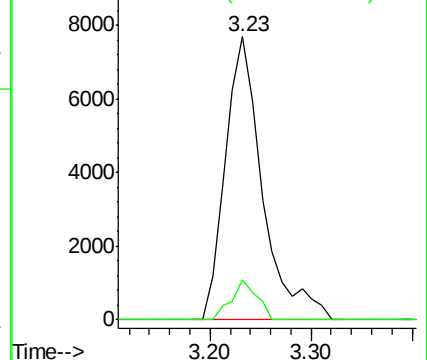
43 100

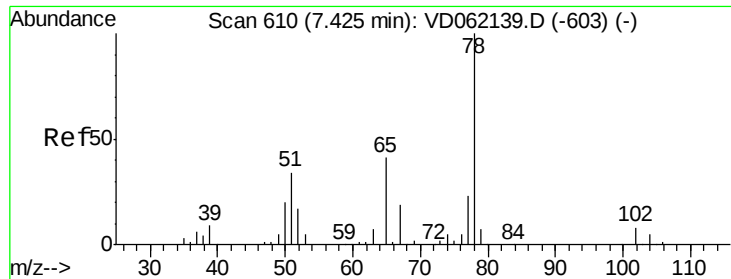
58 14.1 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

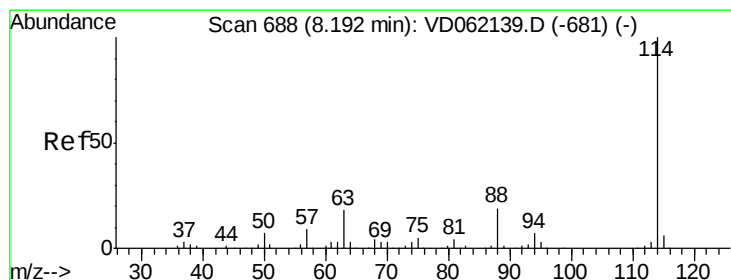
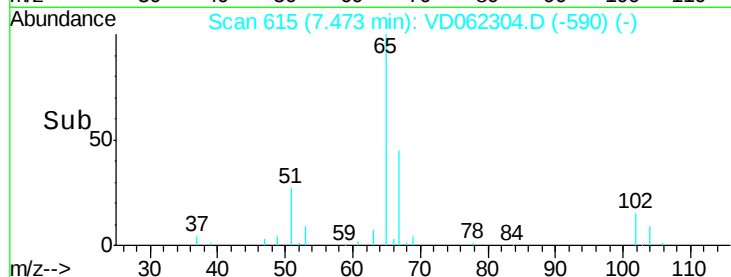
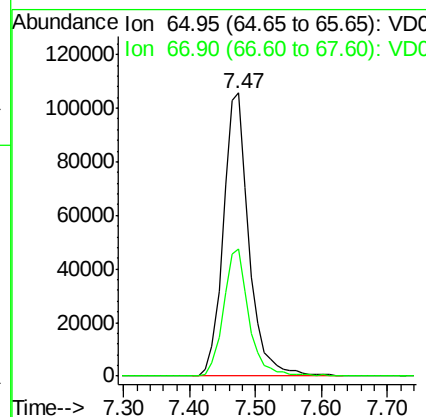
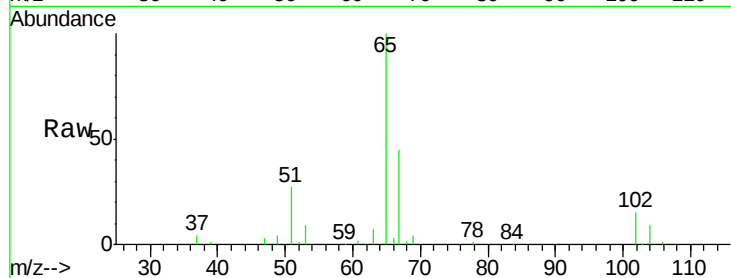




#33
 1,2-Dichloroethane-d4
 Concen: 51.791 ug/l
 RT: 7.47 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD062304.D
 Acq: 13 May 2019 14:58

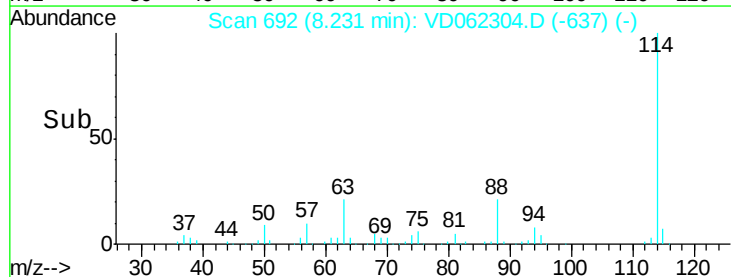
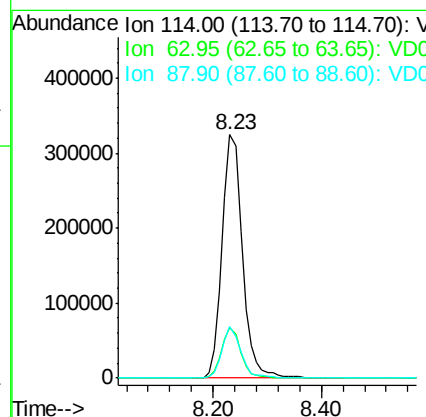
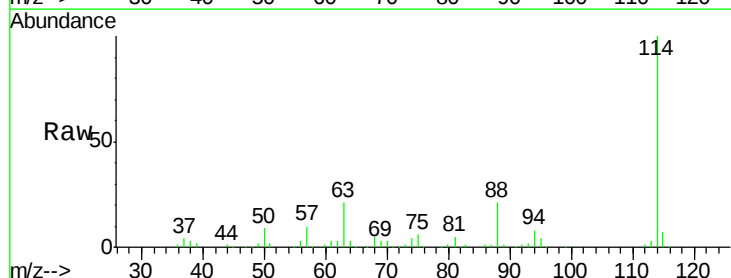
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS004-1218-01

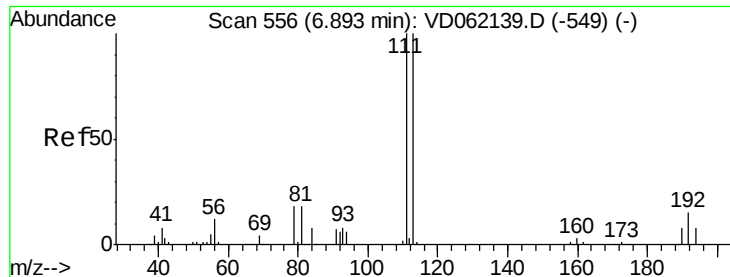
Tot Ion: 65 Resp: 285063
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062304.D
 Acq: 13 May 2019 14:58

Tgt Ion: 114 Resp: 843558
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 32.4
 88 21.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 46.664 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062304.D

Acq: 13 May 2019 14:58

Instrument :

MSVOA_D

ClientSampleId :

P021-SS004-1218-01

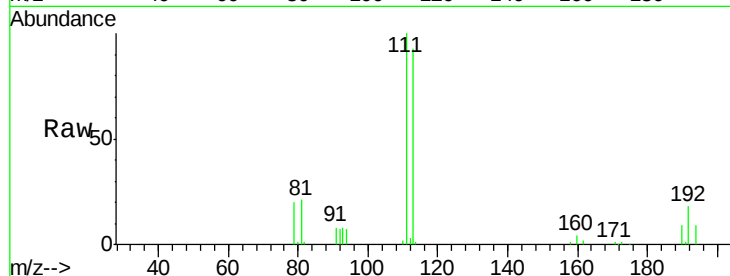
Tot Ion:113 Resp: 326603

Ion Ratio Lower Upper

113 100

111 107.5 78.5 117.7

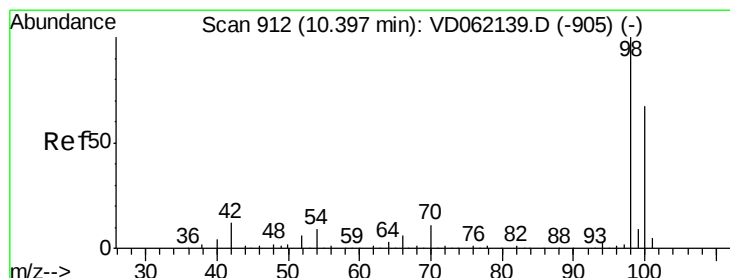
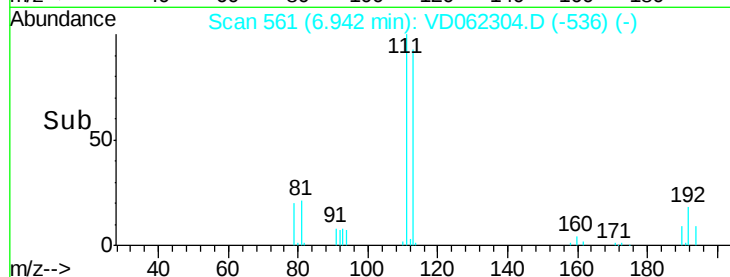
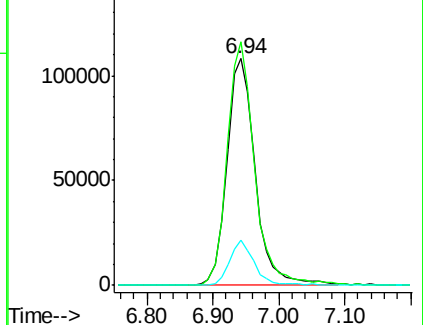
192 19.9 13.0 19.4#



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: 41.962 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062304.D

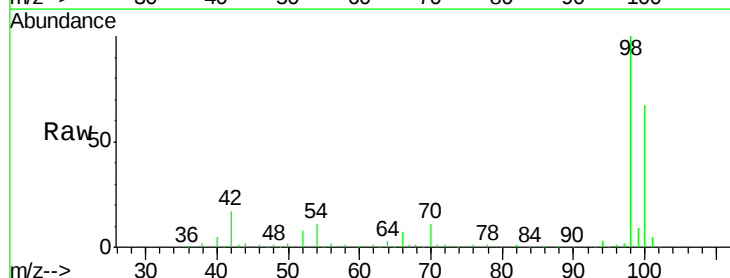
Acq: 13 May 2019 14:58

Tgt Ion: 98 Resp: 708131

Ion Ratio Lower Upper

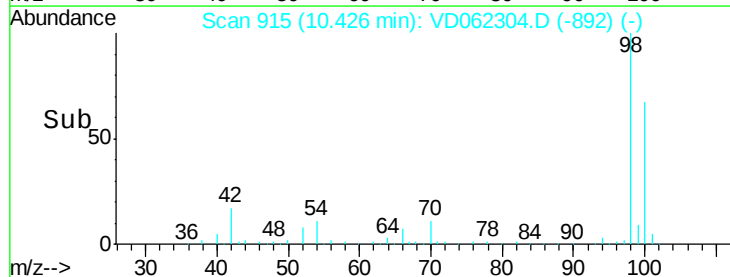
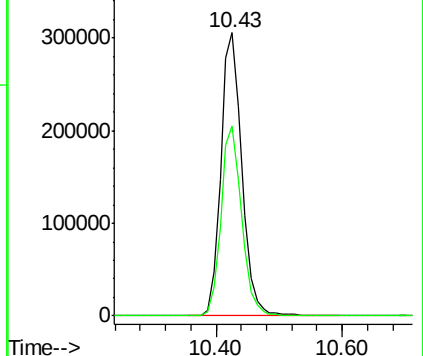
98 100

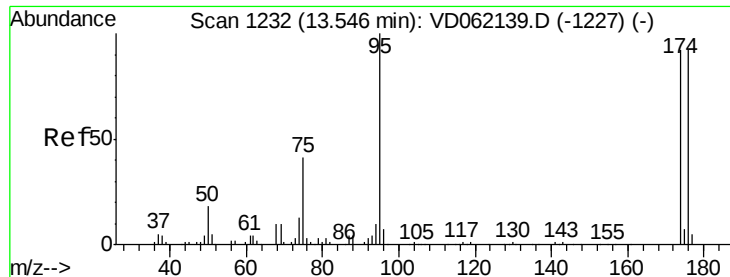
100 67.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 43.397 ug/l

RT: 13.56 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062304.D

Acq: 13 May 2019 14:58

Instrument :

MSVOA_D

ClientSampleId :

P021-SS004-1218-01

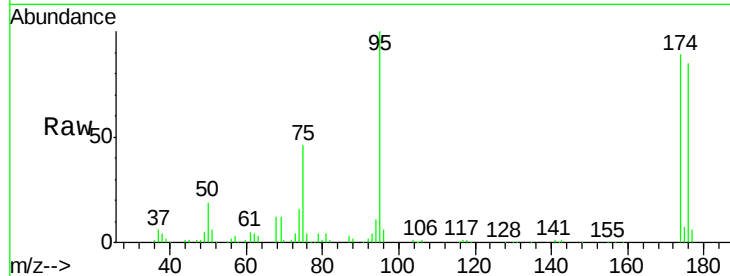
Tot Ion: 95 Resp: 294078

Ion Ratio Lower Upper

95 100

174 88.7 0.0 181.8

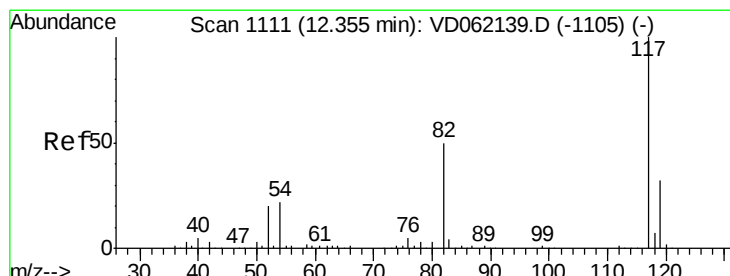
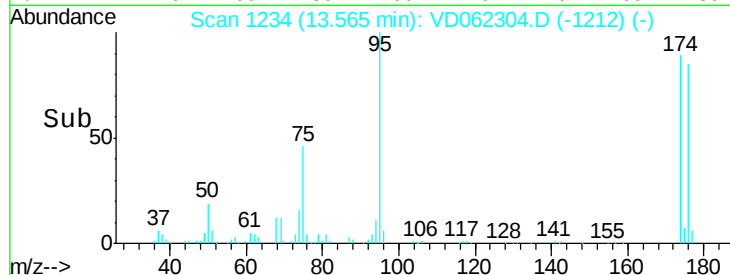
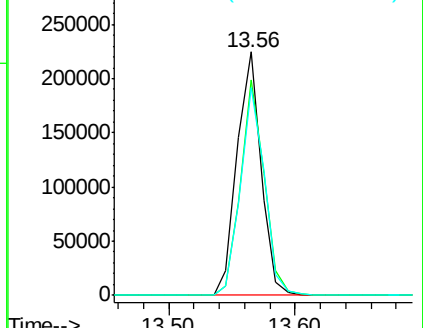
176 85.1 0.0 174.4



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# 1113

Delta R.T. 0.02 min

Lab File: VD062304.D

Acq: 13 May 2019 14:58

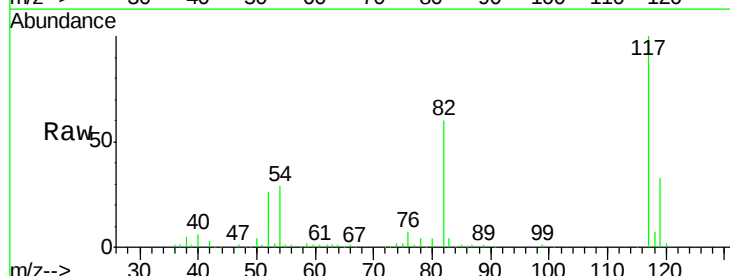
Tgt Ion: 117 Resp: 647925

Ion Ratio Lower Upper

117 100

82 59.9 36.2 54.2#

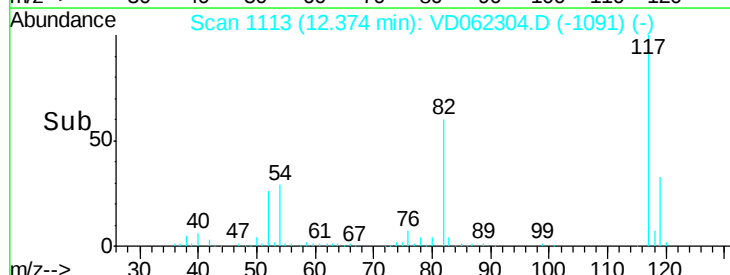
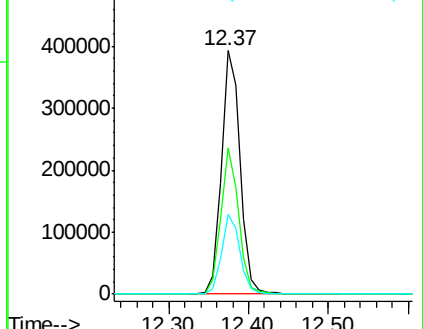
119 32.6 26.2 39.4

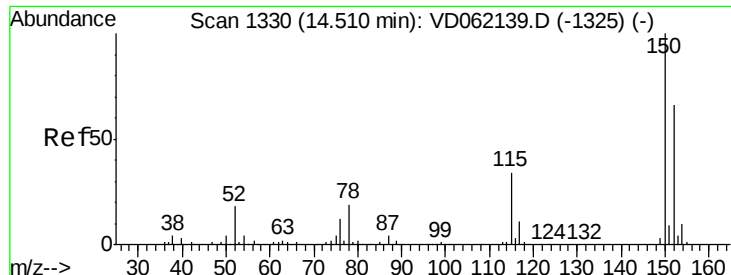


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD062304.D

Acq: 13 May 2019 14:58

Instrument :

MSVOA_D

ClientSampleId :

P021-SS004-1218-01

Tot Ion:152 Resp: 322024

Ion Ratio Lower Upper

152 100

115 52.0 30.9 92.7

150 151.5 0.0 314.8

