

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062262.D
 Acq On : 12 May 2019 16:42
 Operator : FY/SY
 Sample : K2733-07
 Misc : 6.52g/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-1218-01

Quant Time: May 15 05:25:17 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

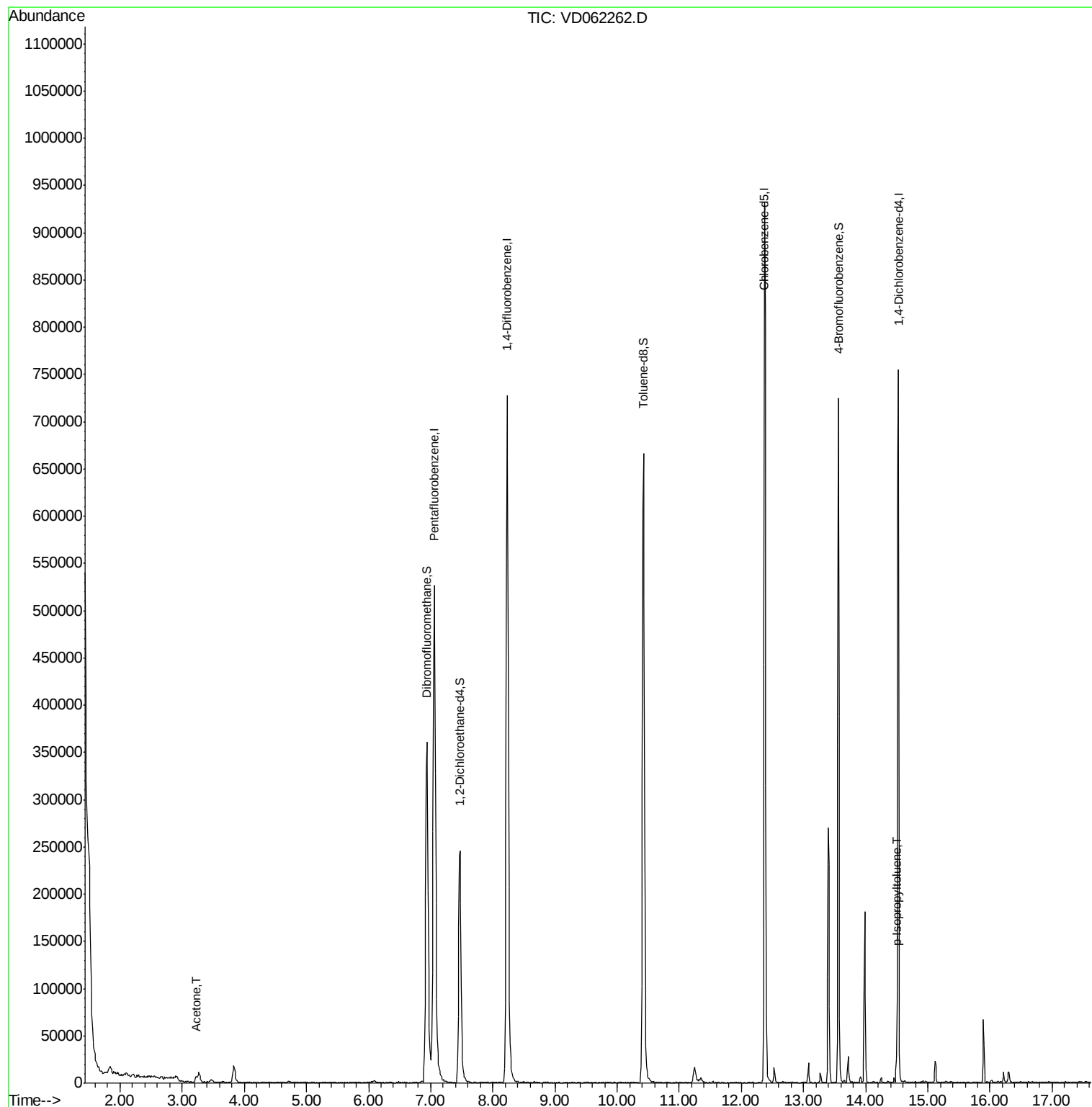
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	519581	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	800913	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	520102	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	167589	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	274302	56.81	ug/l	0.05
Spiked Amount 50.000			Recovery	=	113.62%	
35) Dibromofluoromethane	6.94	113	332340	50.01	ug/l	0.05
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.42	98	586713	36.62	ug/l	0.03
Spiked Amount 50.000			Recovery	=	73.24%	
62) 4-Bromofluorobenzene	13.56	95	195714	30.42	ug/l	0.02
Spiked Amount 50.000			Recovery	=	60.84%	
Target Compounds						
16) Acetone	3.23	43	12329	12.176	ug/l #	86
86) p-Isopropyltoluene	14.50	119	11255	1.208	ug/l	89

(#) = 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# 572

Delta R.T. 0.04 min

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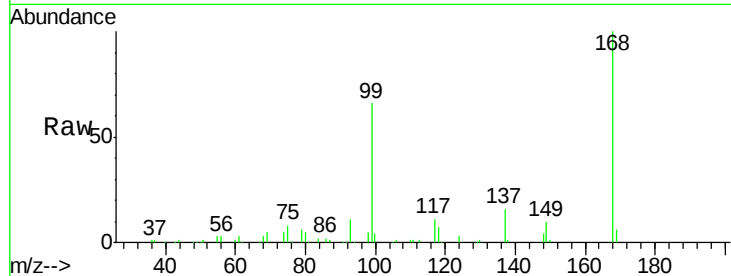
P021-SS001-1218-01

Tot Ion:168 Resp: 519581

Ion Ratio Lower Upper

168 100

99 65.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

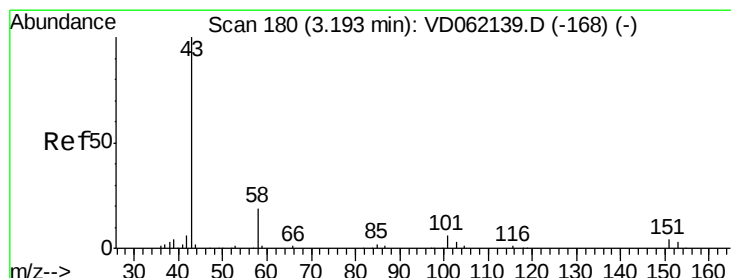
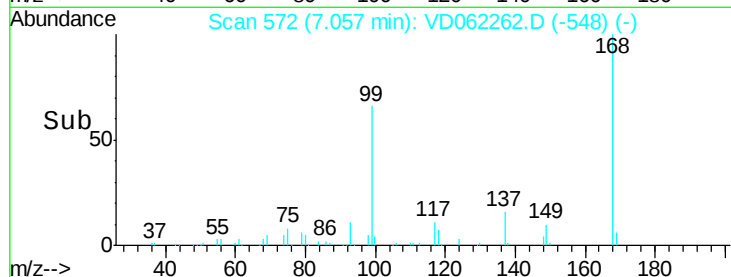
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 12.176 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.04 min

Lab File: VD062262.D

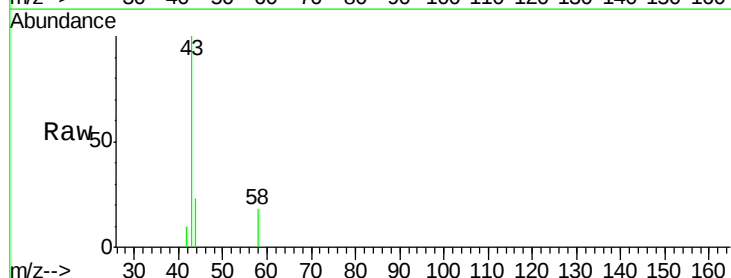
Acq: 12 May 2019 16:42

Tgt Ion: 43 Resp: 12329

Ion Ratio Lower Upper

43 100

58 17.9 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

5000

4000

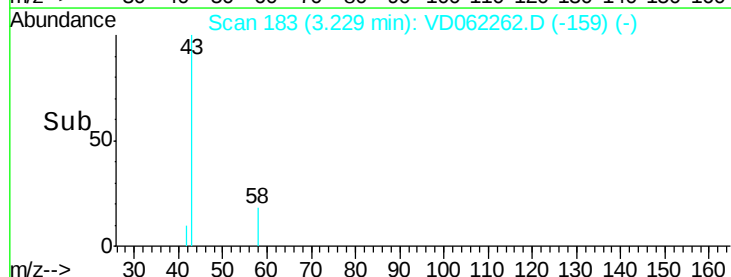
3000

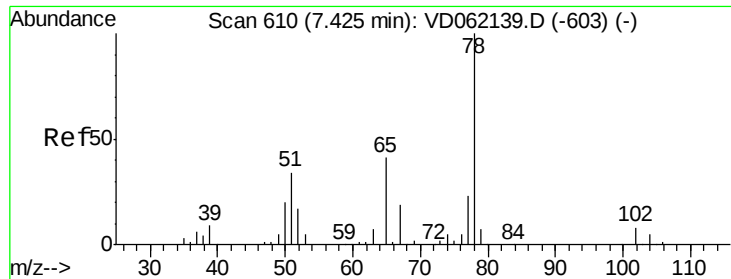
2000

1000

0

Time--> 3.20 3.30





#33

1,2-Dichloroethane-d4

Concen: 56.809 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.05 min

Lab File: VD062262.D

Acq: 12 May 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

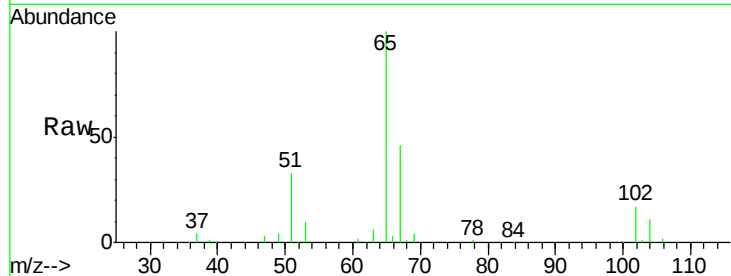
P021-SS001-1218-01

Tot Ion: 65 Resp: 274302

Ion Ratio Lower Upper

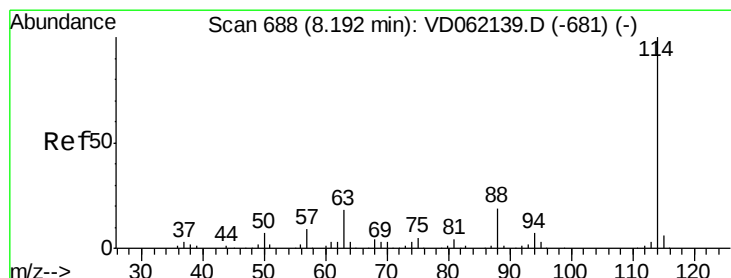
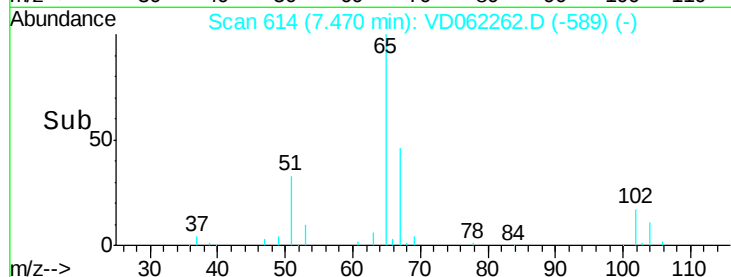
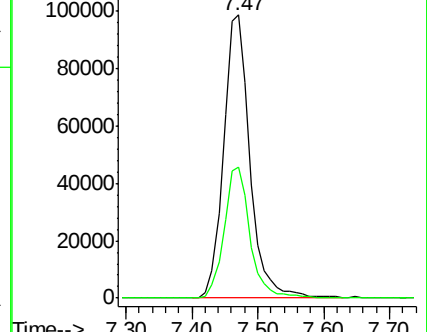
65 100

67 46.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.04 min

Lab File: VD062262.D

Acq: 12 May 2019 16:42

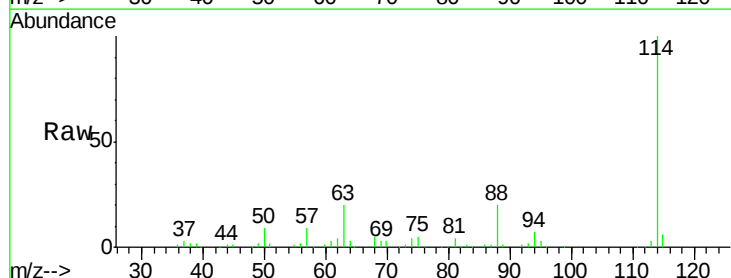
Tgt Ion: 114 Resp: 800913

Ion Ratio Lower Upper

114 100

63 20.1 0.0 32.4

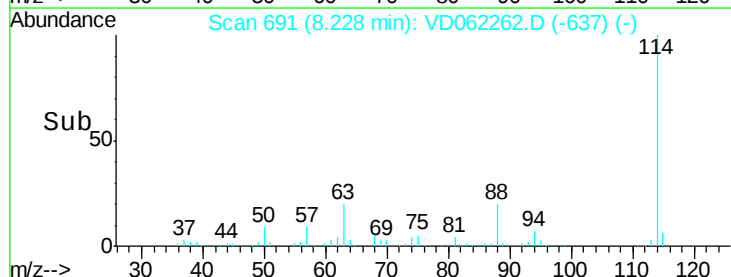
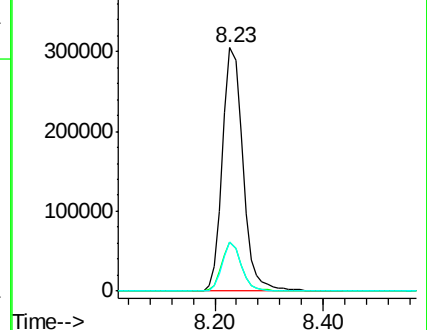
88 20.1 0.0 33.6

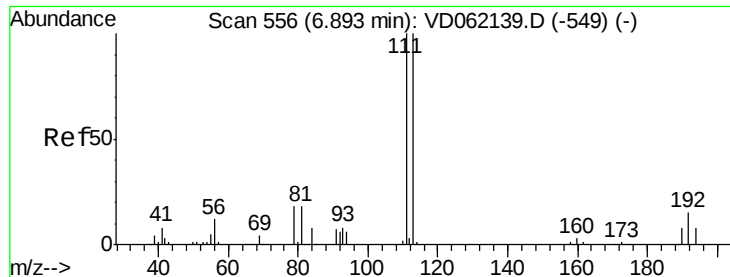


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.012 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.05 min

Lab File: VD062262.D

Acq: 12 May 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-1218-01

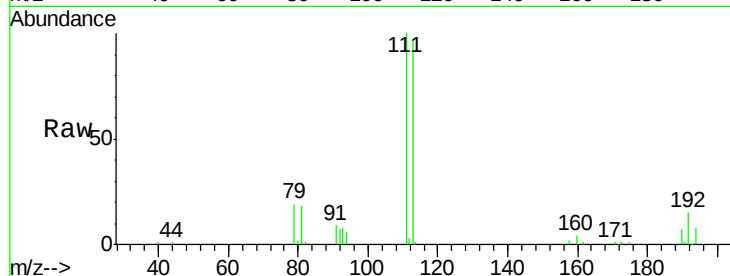
Tot Ion:113 Resp: 332340

Ion Ratio Lower Upper

113 100

111 103.2 78.5 117.7

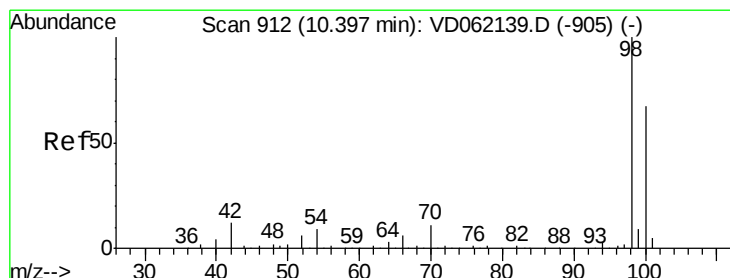
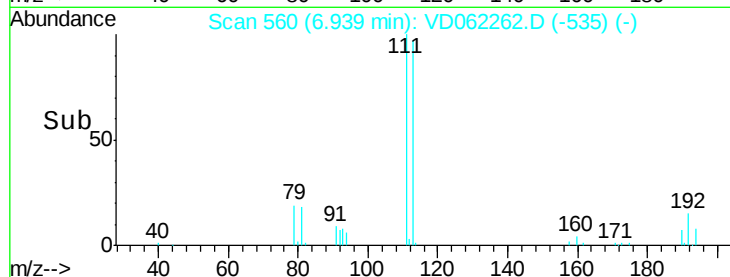
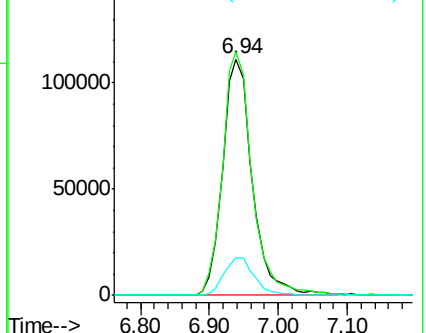
192 15.7 13.0 19.4



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: 36.619 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.03 min

Lab File: VD062262.D

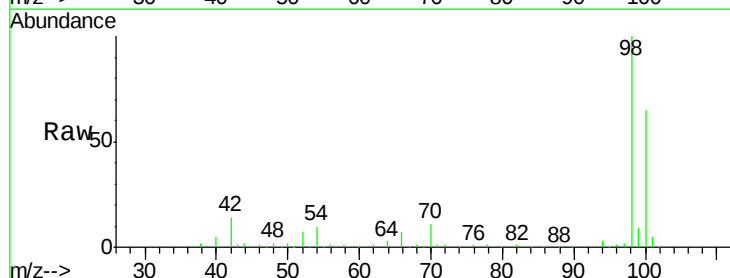
Acq: 12 May 2019 16:42

Tgt Ion: 98 Resp: 586713

Ion Ratio Lower Upper

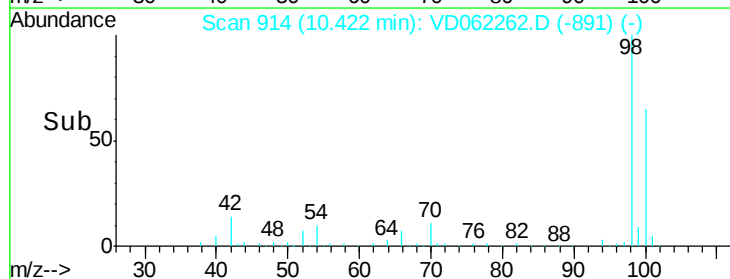
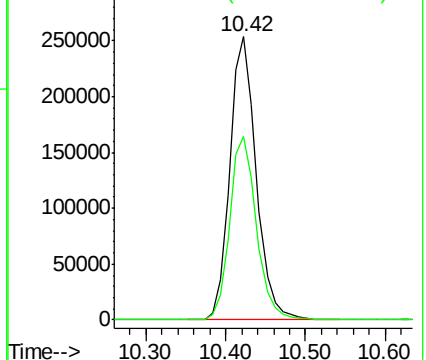
98 100

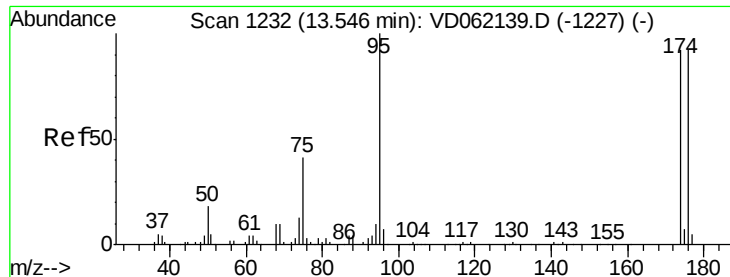
100 64.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

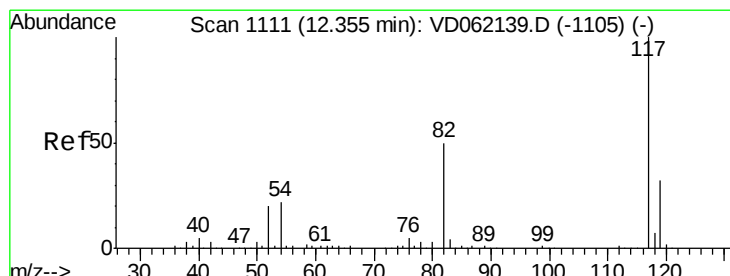
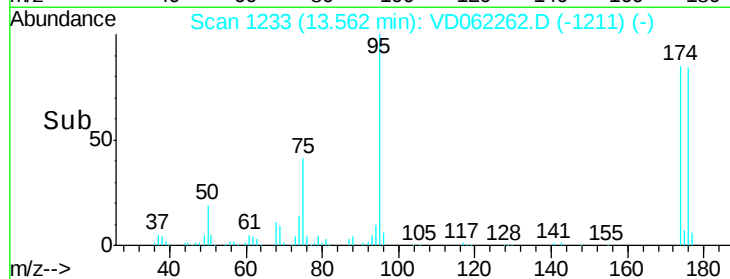
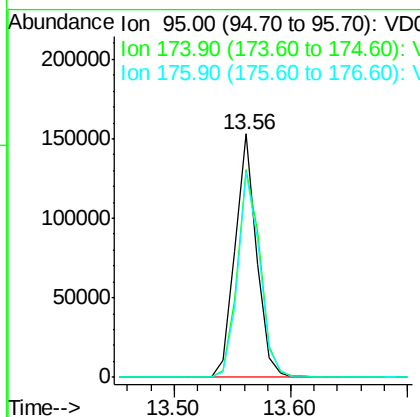
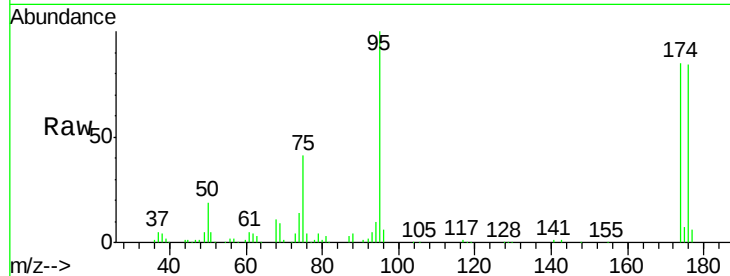




#62
4-Bromofluorobenzene
Concen: 30.419 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD062262.D
Acq: 12 May 2019 16:42

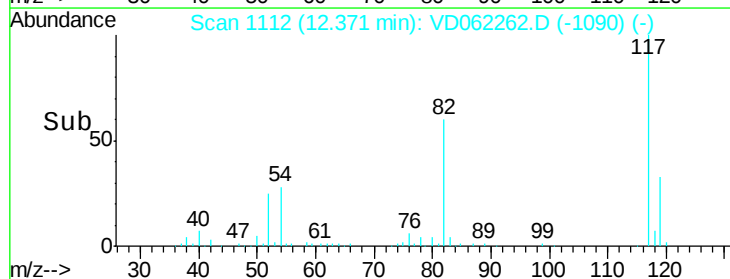
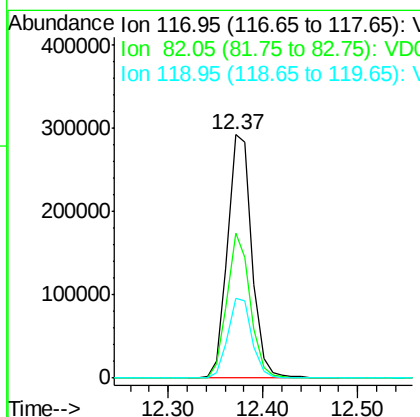
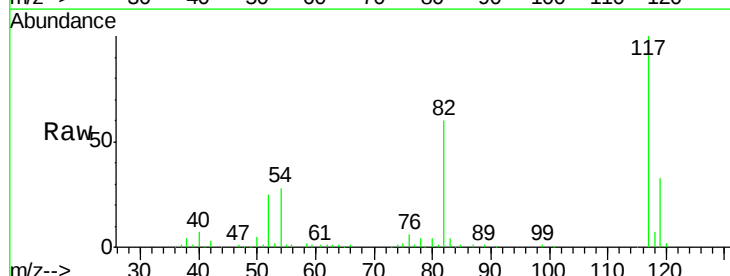
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MSVOA_D
ClientSampleId :
P021-SS001-1218-01

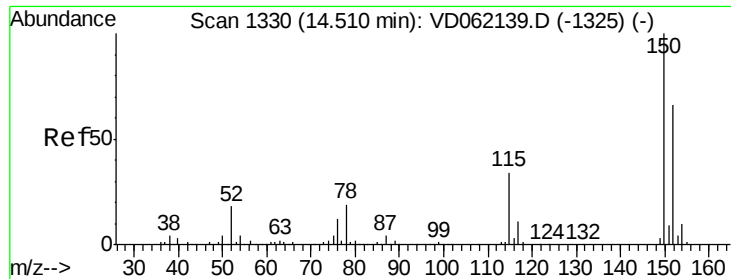
Tot Ion: 95 Resp: 195714
Ion Ratio Lower Upper
95 100
174 85.1 0.0 181.8
176 84.4 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD062262.D
Acq: 12 May 2019 16:42

Tgt Ion: 117 Resp: 520102
Ion Ratio Lower Upper
117 100
82 59.7 36.2 54.2#
119 32.6 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.02 min

Lab File: VD062262.D

Acq: 12 May 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-1218-01

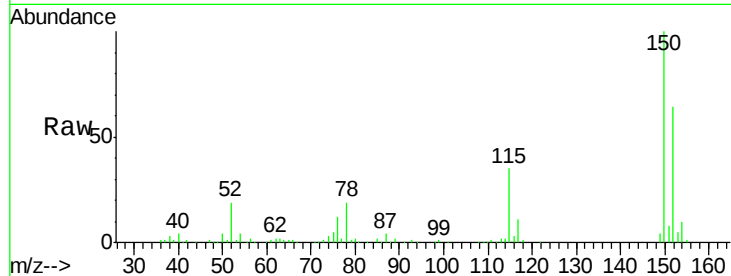
Tot Ion:152 Resp: 167589

Ion Ratio Lower Upper

152 100

115 54.2 30.9 92.7

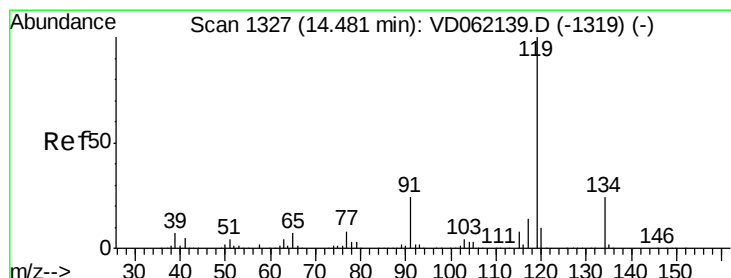
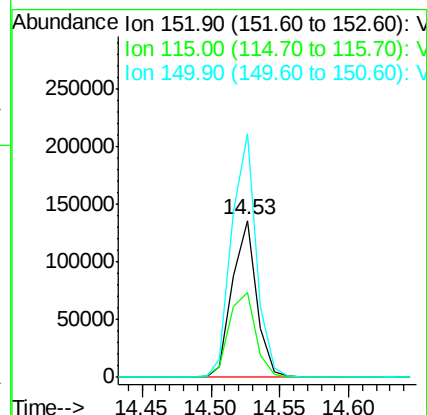
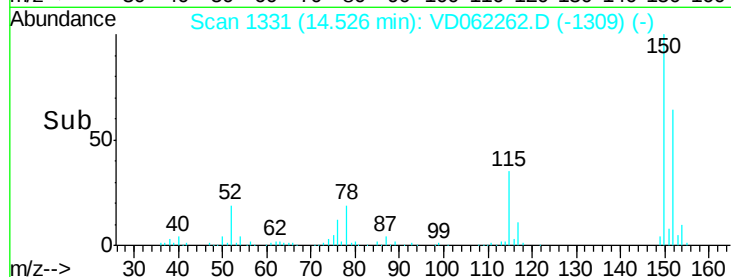
150 155.0 0.0 314.8



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



#86

p-Isopropyltoluene

Concen: 1.208 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. 0.02 min

Lab File: VD062262.D

Acq: 12 May 2019 16:42

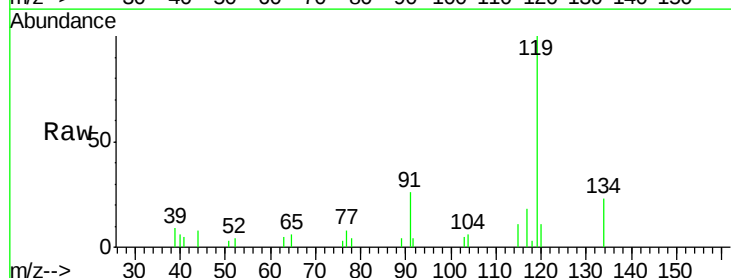
Tgt Ion:119 Resp: 11255

Ion Ratio Lower Upper

119 100

134 22.7 12.8 38.3

91 30.1 10.7 32.1



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

