

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063447.D
 Acq On : 8 Aug 2019 19:13
 Operator : JC/SY
 Sample : K4223-14
 Misc : 3.49g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-7

Quant Time: Aug 09 07:49:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

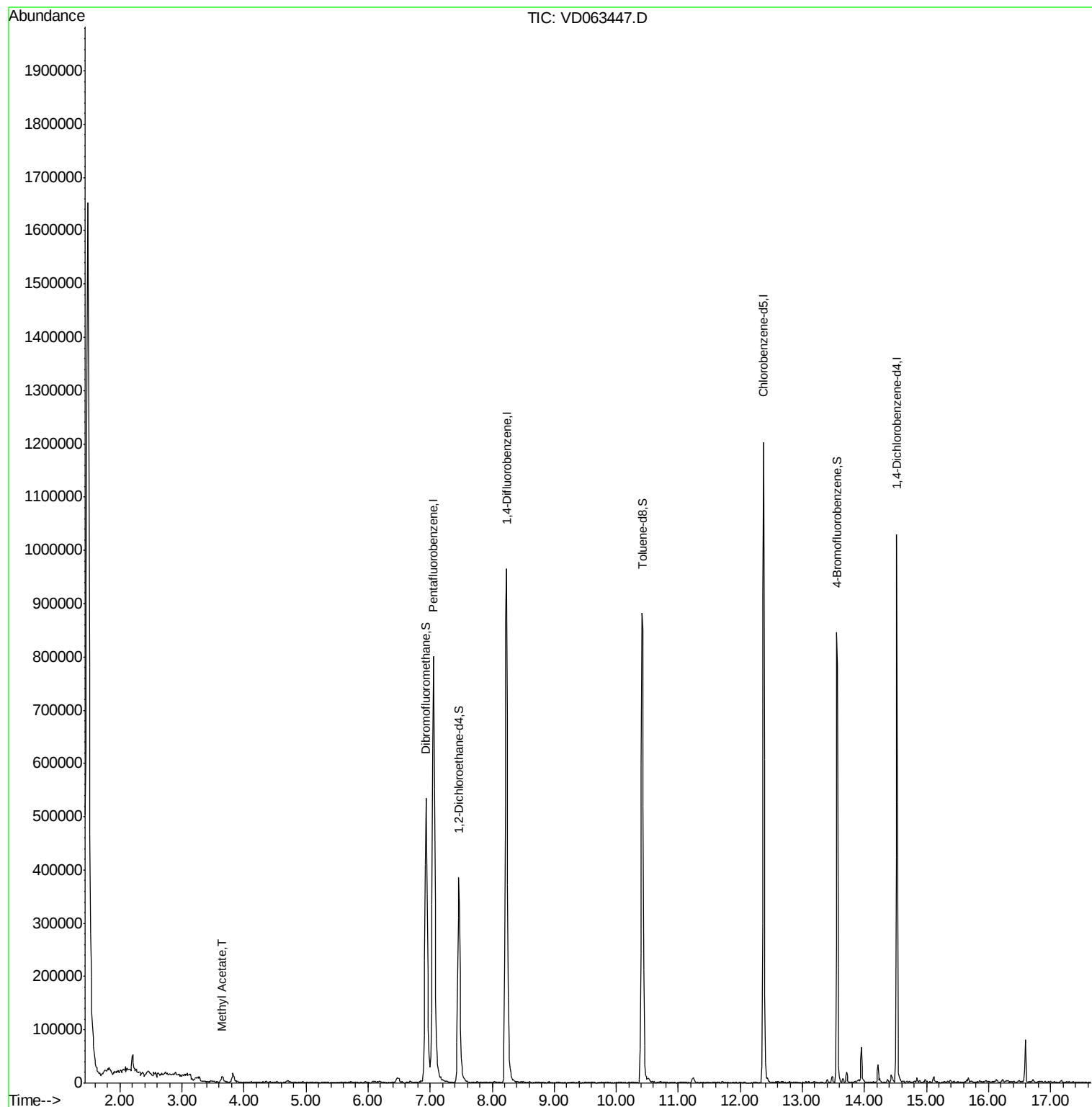
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	798429	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	1047744	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	642922	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	211095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	435970	49.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.42%	
35) Dibromofluoromethane	6.93	113	469717	52.51	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.02%	
50) Toluene-d8	10.42	98	752306	37.58	ug/l	0.01
Spiked Amount 50.000			Recovery	=	75.16%	
62) 4-Bromofluorobenzene	13.56	95	254135	27.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.72%	
Target Compounds						
18) Methyl Acetate	3.64	43	19885	5.997	ug/l #	Qvalue 89

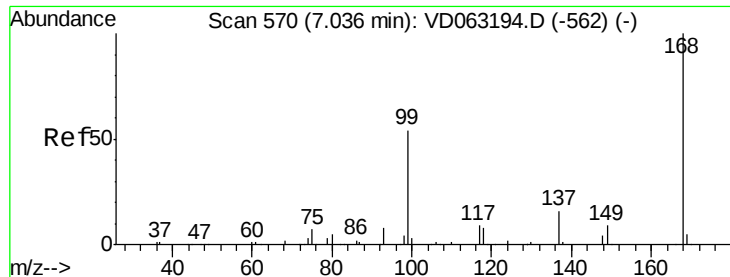
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063447.D

Acq: 8 Aug 2019 19:13

Instrument :

MSVOA_D

ClientSampleId :

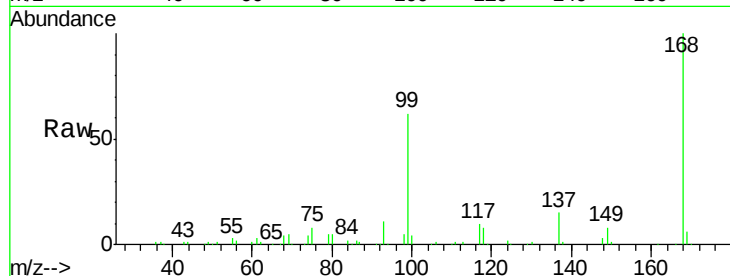
SP-7

Tot Ion:168 Resp: 798429

Ion Ratio Lower Upper

168 100

99 62.4 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

250000

200000

150000

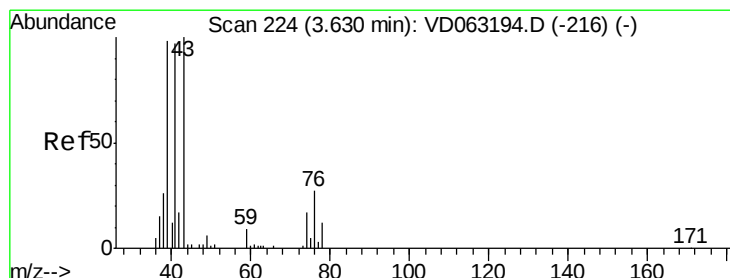
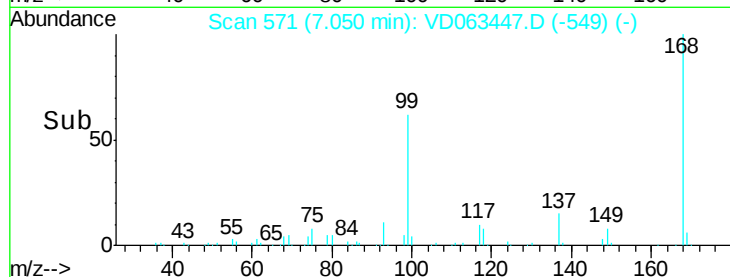
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#18

Methyl Acetate

Concen: 5.997 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD063447.D

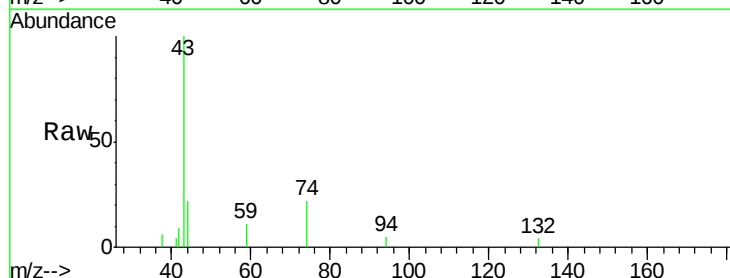
Acq: 8 Aug 2019 19:13

Tgt Ion: 43 Resp: 19885

Ion Ratio Lower Upper

43 100

74 22.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

8000

6000

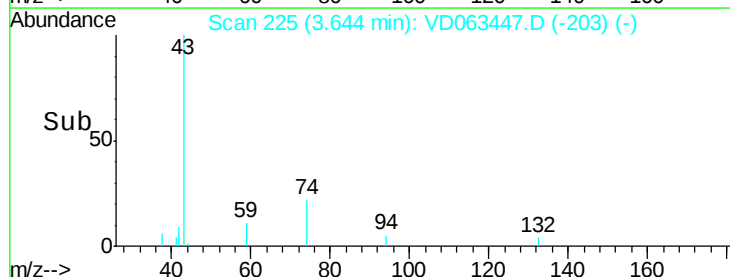
4000

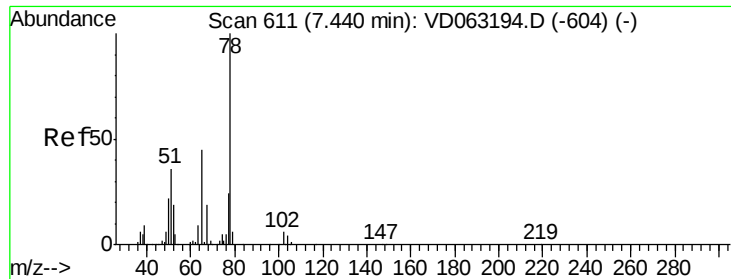
2000

0

Time-->

3.60 3.70





#33

1,2-Dichloroethane-d4

Concen: 49.210 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063447.D

Acq: 8 Aug 2019 19:13

Instrument :

MSVOA_D

ClientSampleId :

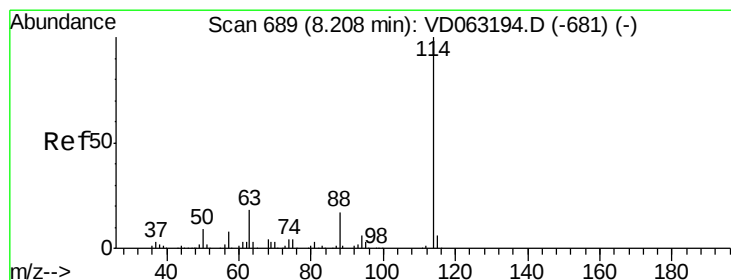
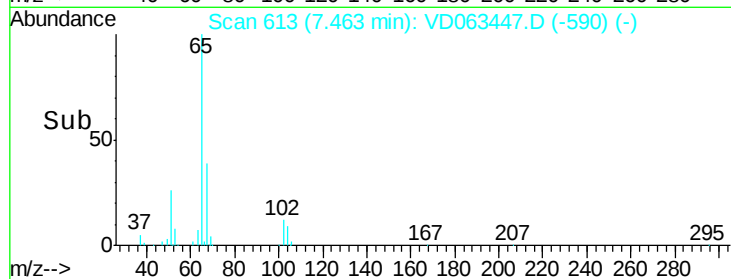
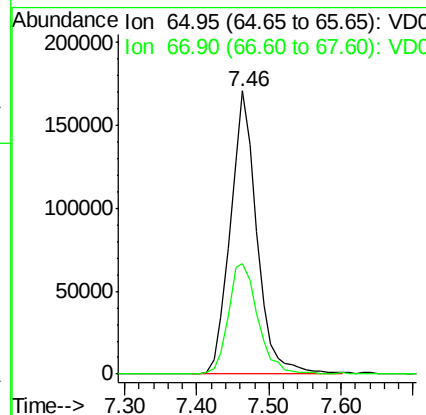
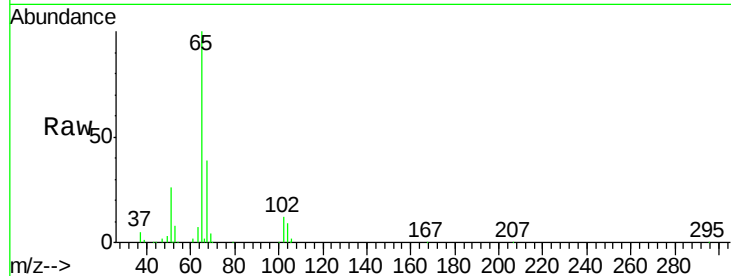
SP-7

Tot Ion: 65 Resp: 435970

Ion Ratio Lower Upper

65 100

67 39.0 0.0 85.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063447.D

Acq: 8 Aug 2019 19:13

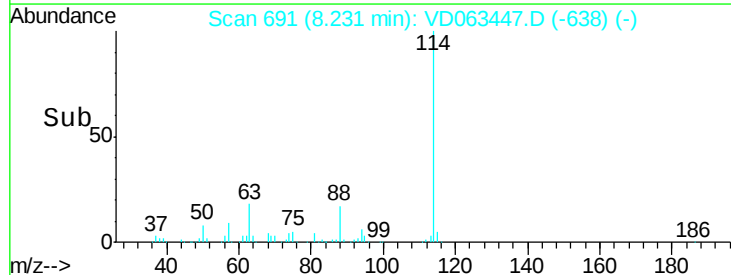
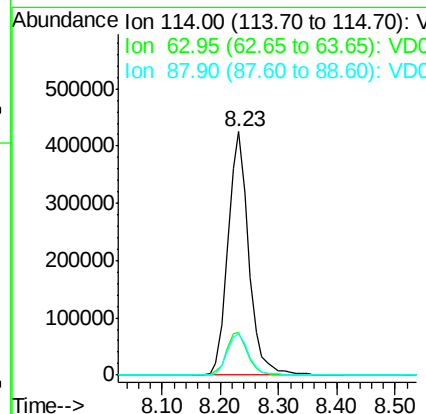
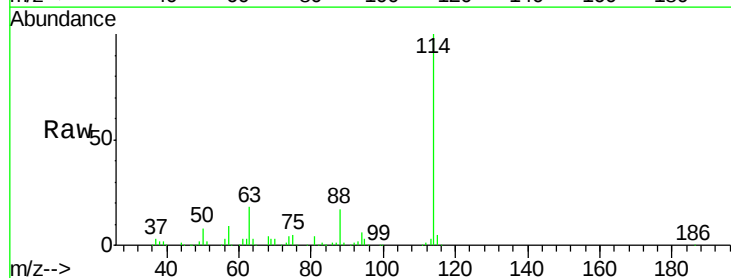
Tgt Ion: 114 Resp: 1047744

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

88 17.2 0.0 34.6





#35

Dibromofluoromethane

Concen: 52.509 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063447.D

Acq: 8 Aug 2019 19:13

Instrument :

MSVOA_D

ClientSampleId :

SP-7

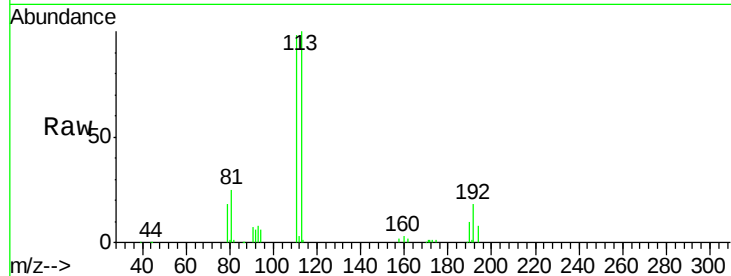
Tot Ion:113 Resp: 469717

Ion Ratio Lower Upper

113 100

111 98.1 83.2 124.8

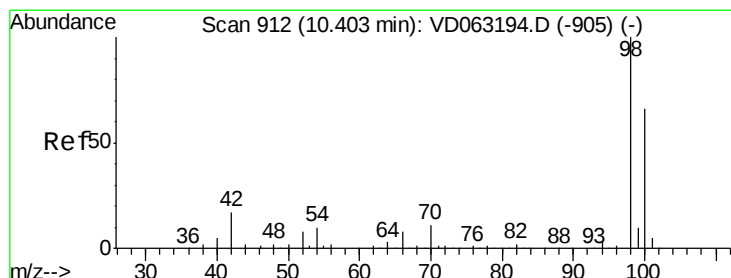
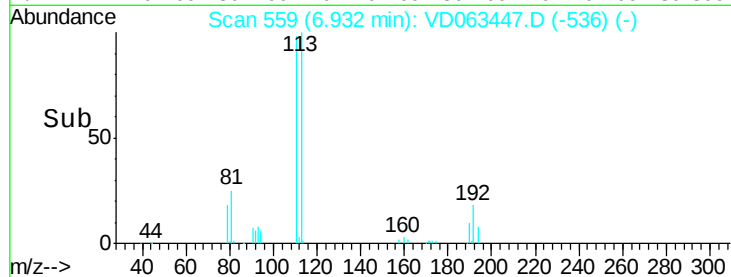
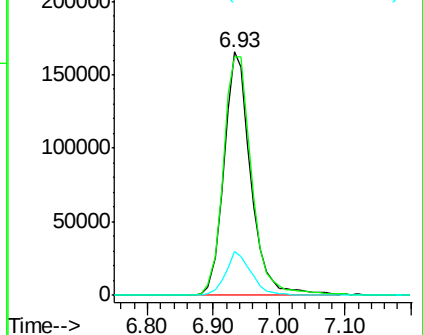
192 17.9 11.8 17.8#



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: 37.578 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063447.D

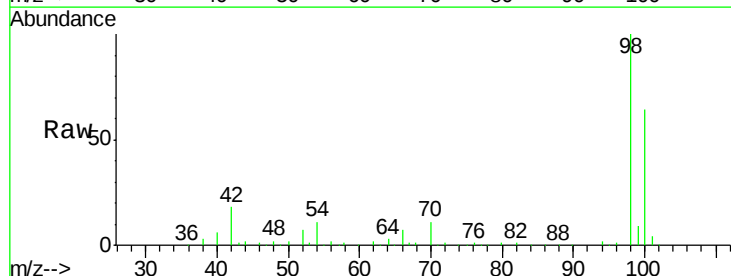
Acq: 8 Aug 2019 19:13

Tgt Ion: 98 Resp: 752306

Ion Ratio Lower Upper

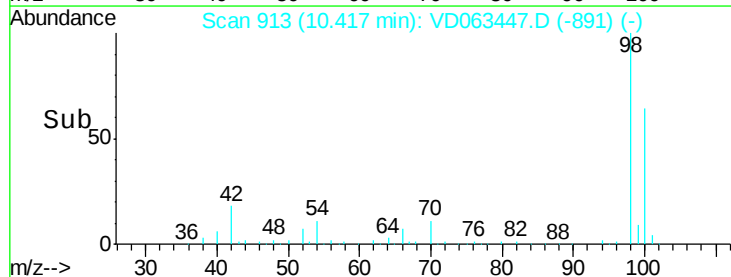
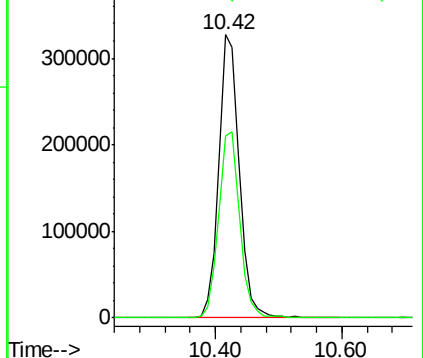
98 100

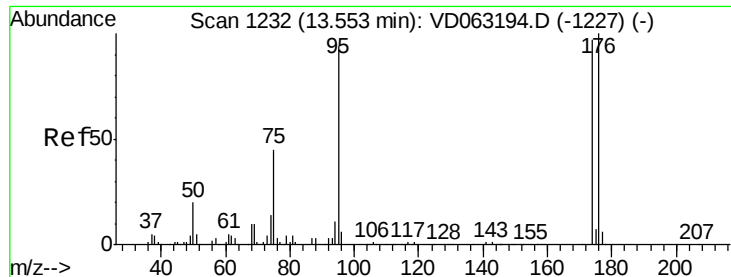
100 64.2 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 27.856 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063447.D

Acq: 8 Aug 2019 19:13

Instrument :

MSVOA_D

ClientSampled :

SP-7

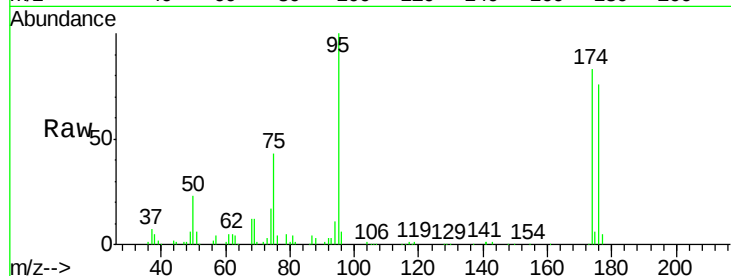
Tot Ion: 95 Resp: 254135

Ion Ratio Lower Upper

95 100

174 83.1 0.0 205.4

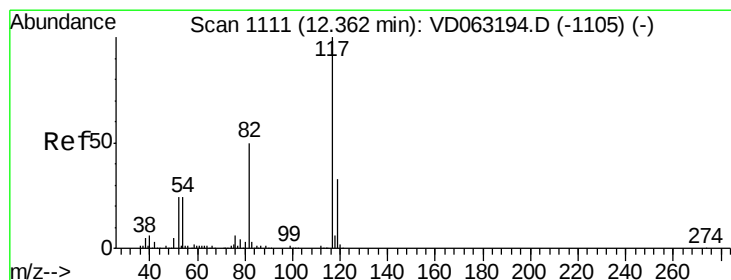
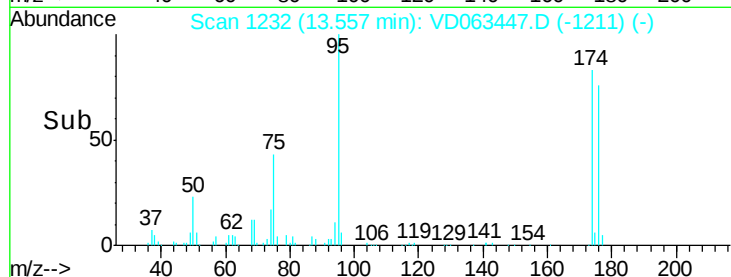
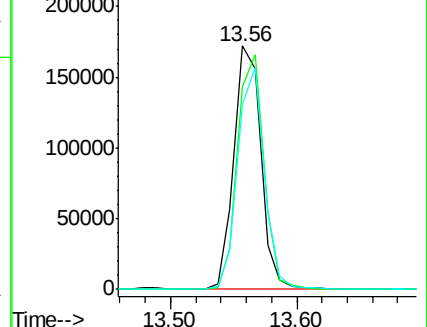
176 75.8 0.0 211.8



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: 12.38 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD063447.D

Acq: 8 Aug 2019 19:13

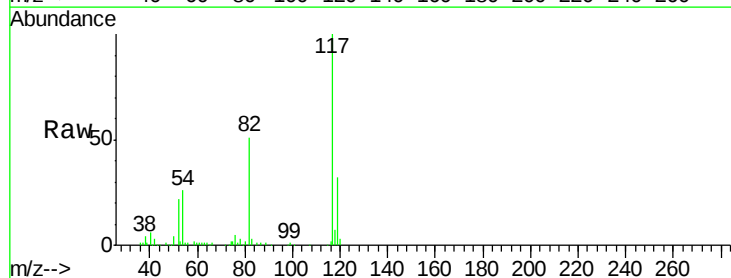
Tgt Ion: 117 Resp: 642922

Ion Ratio Lower Upper

117 100

82 51.2 40.1 60.1

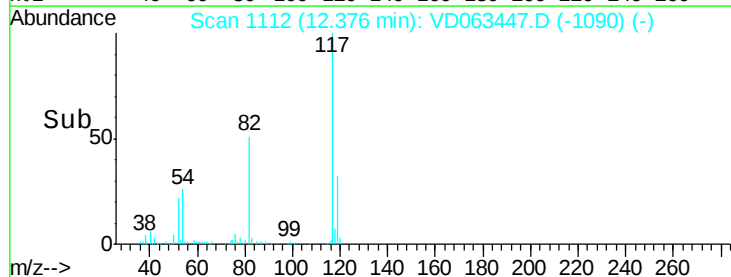
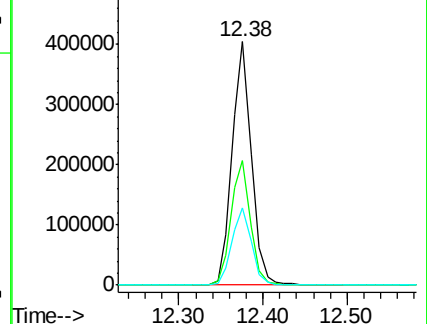
119 31.5 26.5 39.7

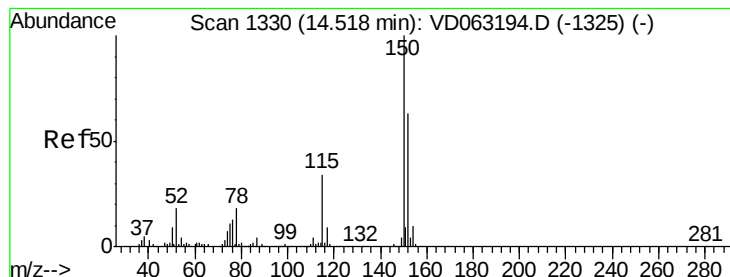


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063447.D

Acq: 8 Aug 2019 19:13

Instrument :

MSVOA_D

ClientSampleId :

SP-7

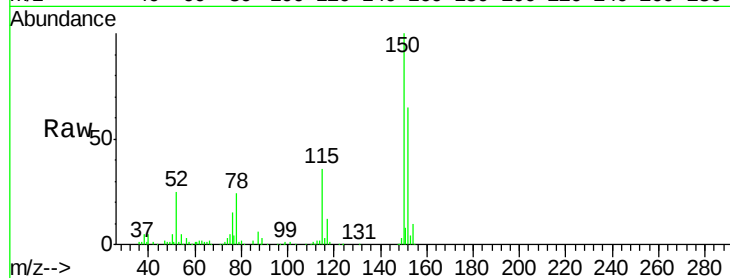
Tot Ion:152 Resp: 211095

Ion Ratio Lower Upper

152 100

115 55.1 27.5 82.4

150 152.7 0.0 320.6



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

