

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062356.D
 Acq On : 14 May 2019 19:42
 Operator : FY/SY
 Sample : K2735-08
 Misc : 5.89g/5mL/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-0002-01

Quant Time: May 15 02:36:54 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

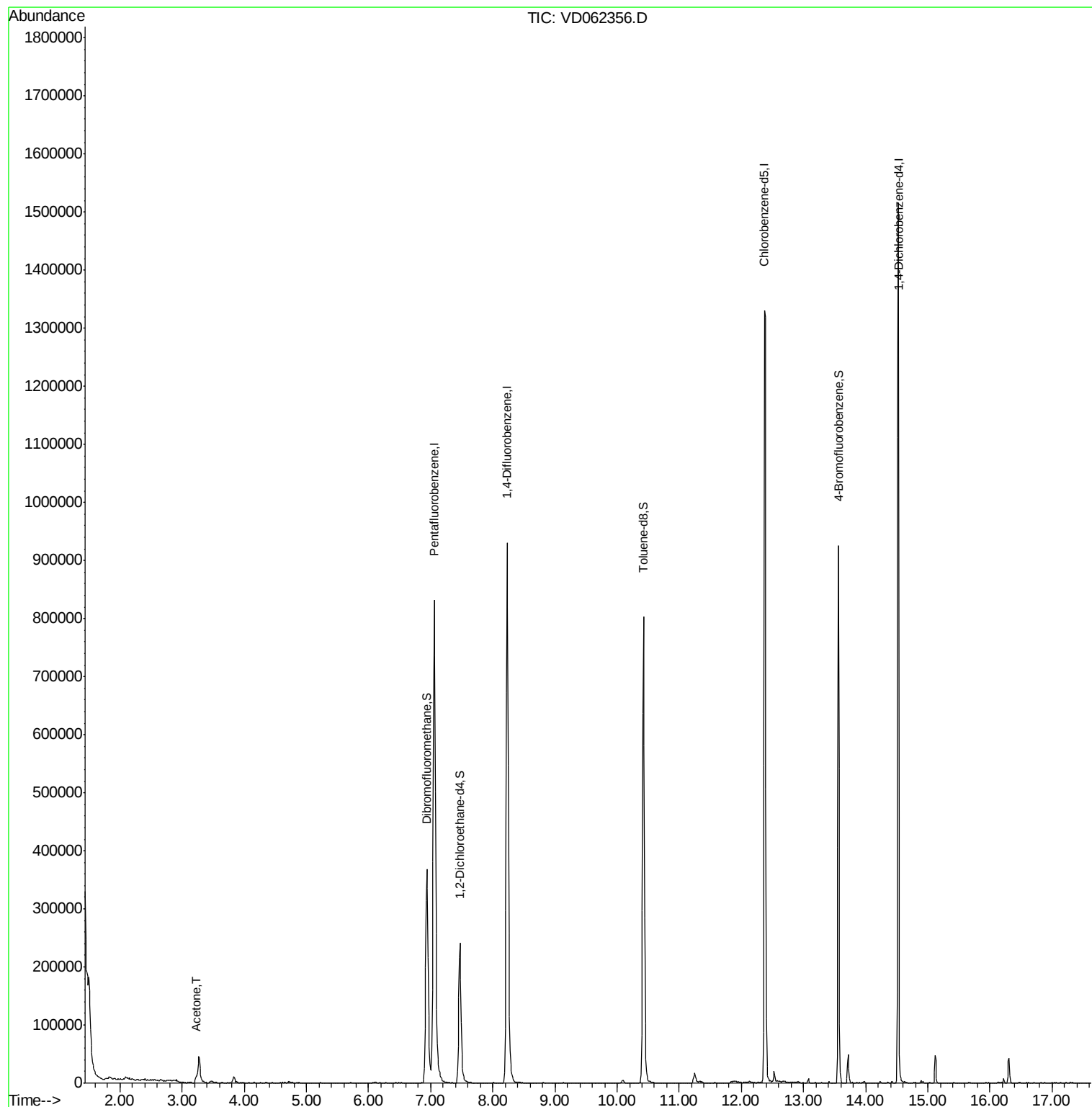
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	735553	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	931488	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	726337	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	324020	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	282004	41.26	ug/l	0.05
Spiked Amount 50.000			Recovery	=	82.52%	
35) Dibromofluoromethane	6.94	113	328938	42.56	ug/l	0.05
Spiked Amount 50.000			Recovery	=	85.12%	
50) Toluene-d8	10.42	98	622924	33.43	ug/l	0.03
Spiked Amount 50.000			Recovery	=	66.86%	
62) 4-Bromofluorobenzene	13.56	95	248119	33.16	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.32%	
Target Compounds						
16) Acetone	3.23	43	23635	16.488	ug/l #	Qvalue 73

(#) = 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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MSVOA_D

ClientSampleId :

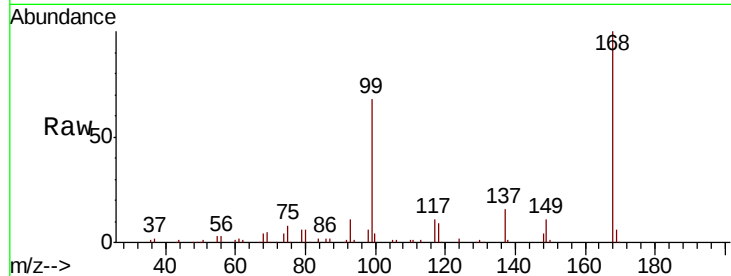
P026-SS016-0002-01

Tgt Ion:168 Resp: 735553

Ion Ratio Lower Upper

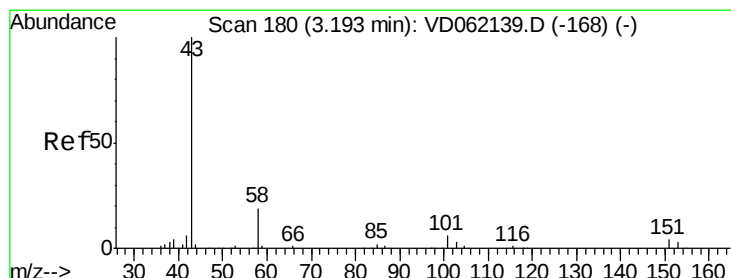
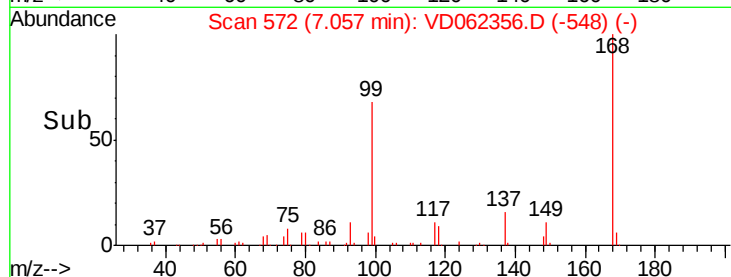
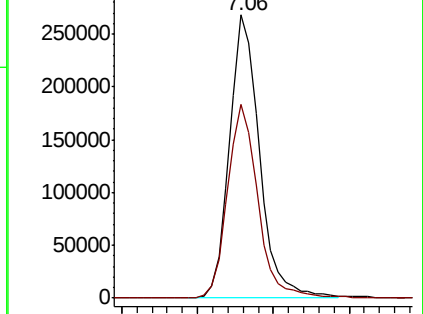
168 100

99 68.5 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: 16.488 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.04 min

Lab File: VD062356.D

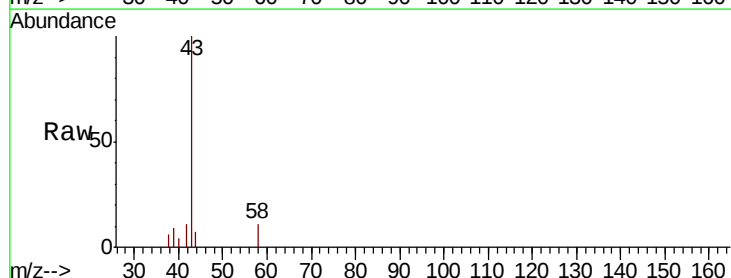
Acq: 14 May 2019 19:42

Tgt Ion: 43 Resp: 23635

Ion Ratio Lower Upper

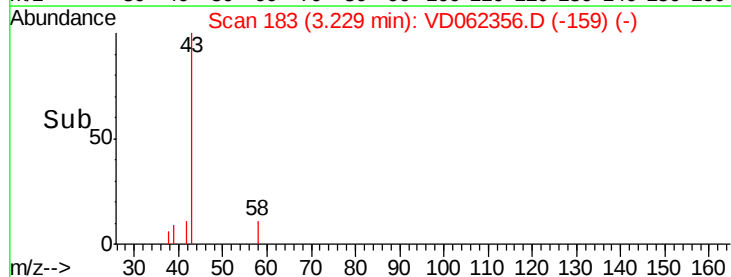
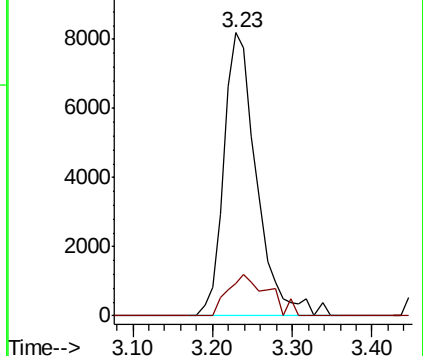
43 100

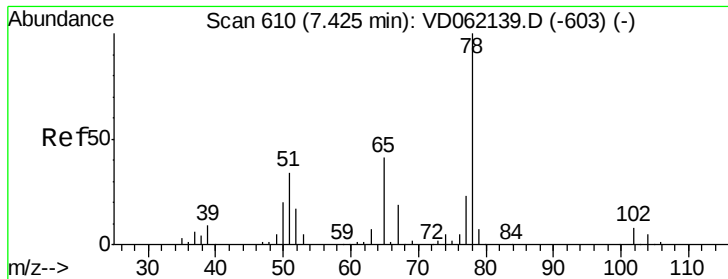
58 11.4 19.9 29.9#



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: 41.255 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.05 min

Lab File: VD062356.D

Acq: 14 May 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

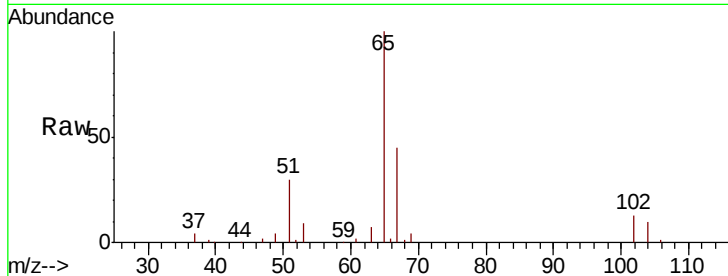
P026-SS016-0002-01

Tgt Ion: 65 Resp: 282004

Ion Ratio Lower Upper

65 100

67 44.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

120000

100000

80000

60000

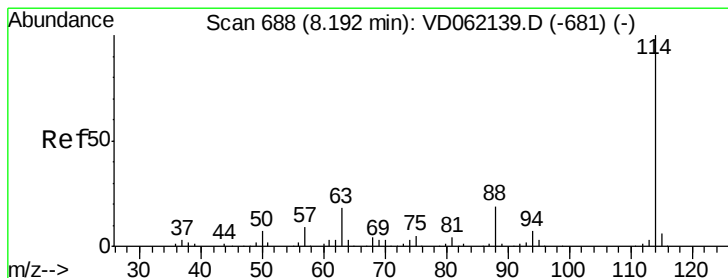
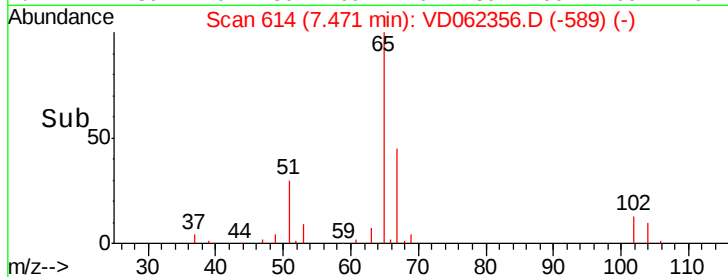
40000

20000

0

7.30 7.40 7.50 7.60

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.04 min

Lab File: VD062356.D

Acq: 14 May 2019 19:42

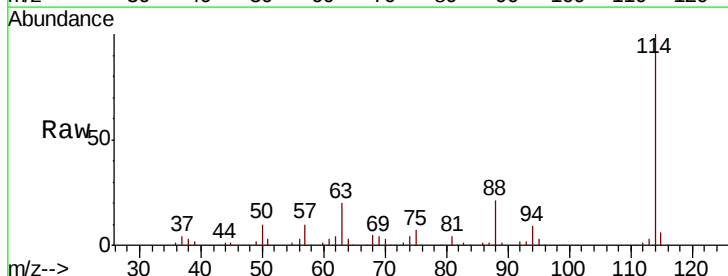
Tgt Ion: 114 Resp: 931488

Ion Ratio Lower Upper

114 100

63 20.1 0.0 32.4

88 20.9 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

500000

400000

300000

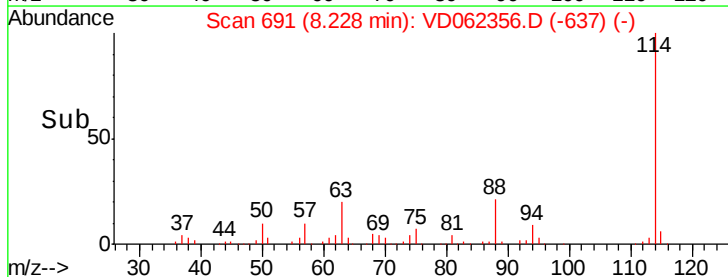
200000

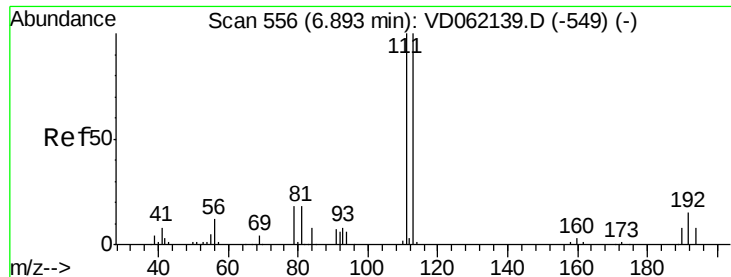
100000

0

8.20 8.40

Time-->





#35

Dibromofluoromethane

Concen: 42.561 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.05 min

Lab File: VD062356.D

Acq: 14 May 2019 19:42

Instrument :

MSVOA_D

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P026-SS016-0002-01

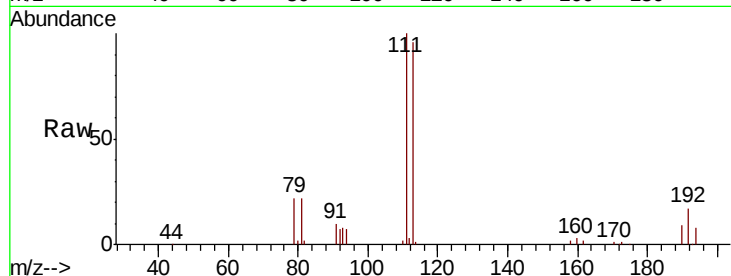
Tgt Ion:113 Resp: 328938

Ion Ratio Lower Upper

113 100

111 104.2 78.5 117.7

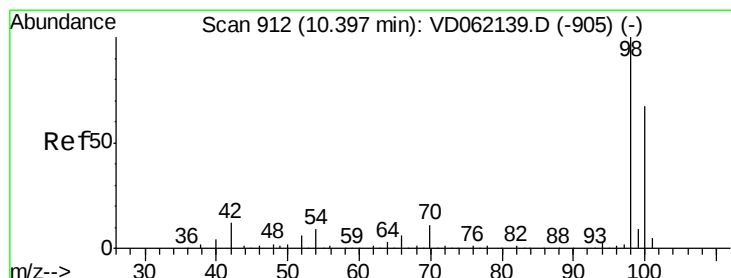
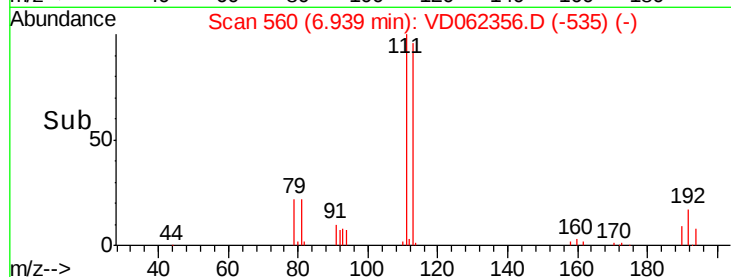
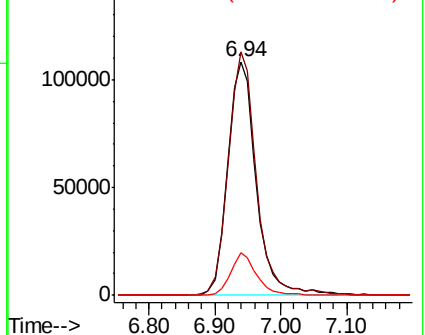
192 18.2 13.0 19.4



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: 33.429 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.03 min

Lab File: VD062356.D

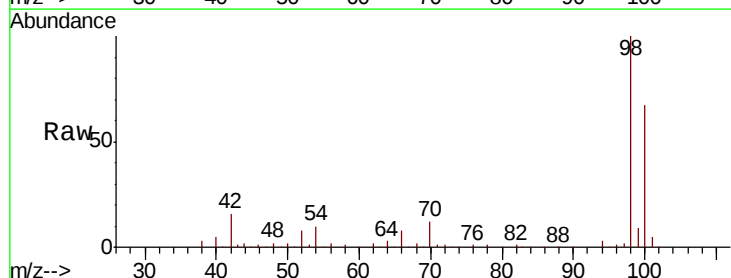
Acq: 14 May 2019 19:42

Tgt Ion: 98 Resp: 622924

Ion Ratio Lower Upper

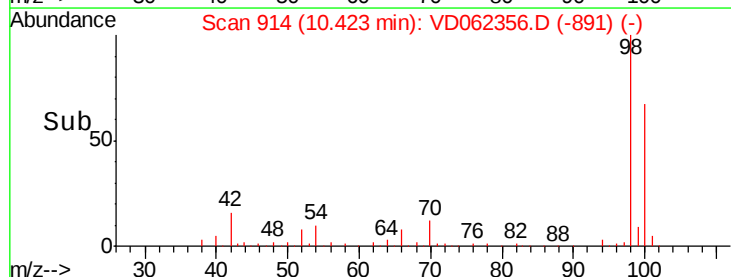
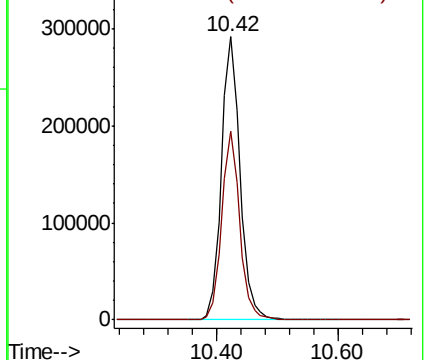
98 100

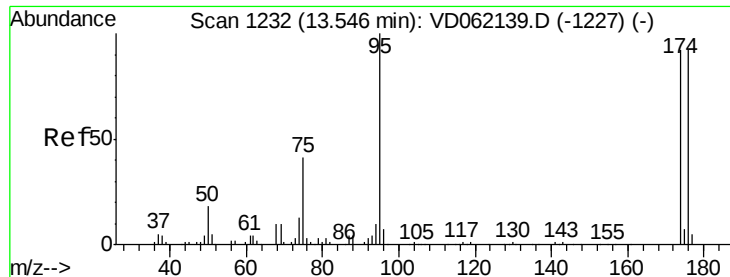
100 66.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 33.158 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062356.D

Acq: 14 May 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

P026-SS016-0002-01

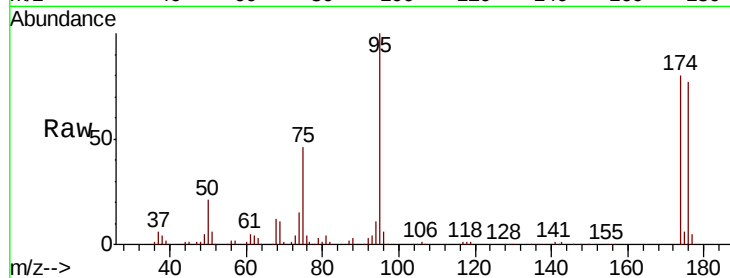
Tgt Ion: 95 Resp: 248119

Ion Ratio Lower Upper

95 100

174 79.7 0.0 181.8

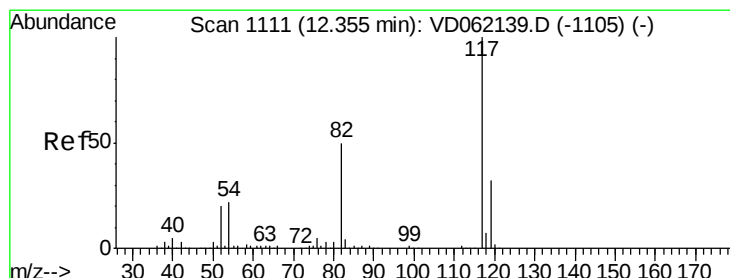
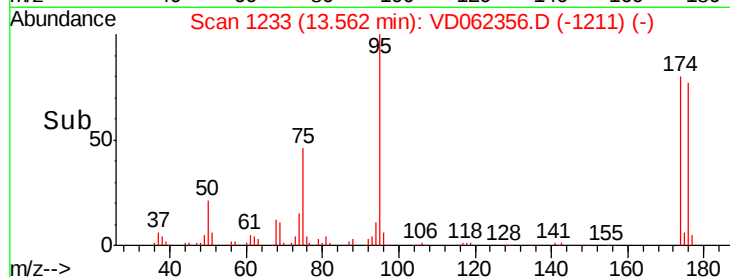
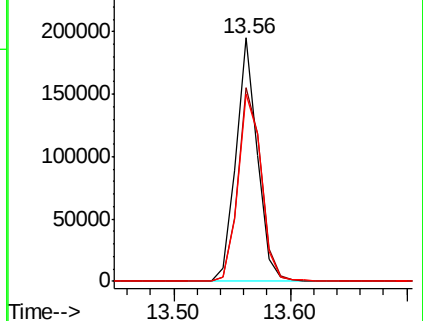
176 77.1 0.0 174.4



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: 12.38 min Scan# 1113

Delta R.T. 0.03 min

Lab File: VD062356.D

Acq: 14 May 2019 19:42

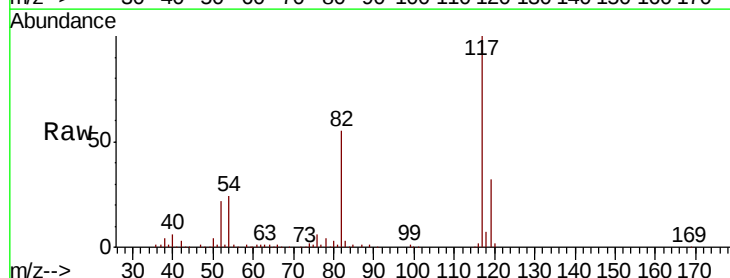
Tgt Ion: 117 Resp: 726337

Ion Ratio Lower Upper

117 100

82 55.4 36.2 54.2#

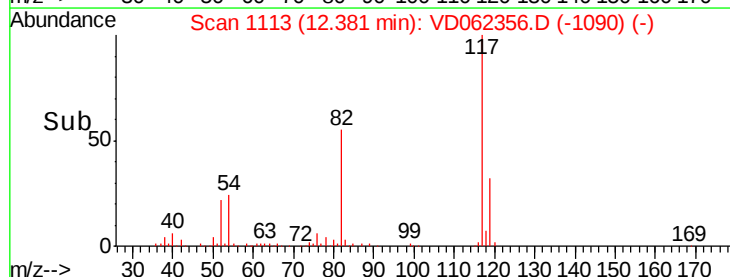
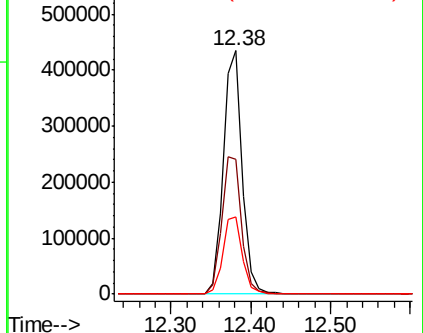
119 31.9 26.2 39.4

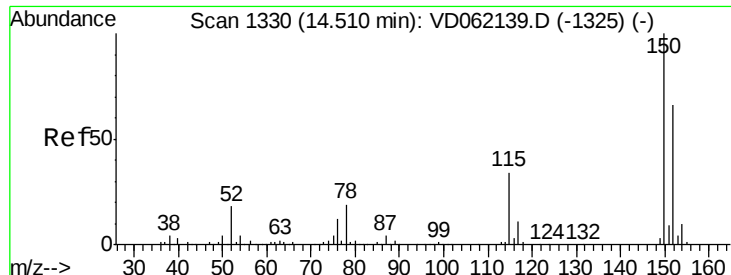


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1331

Delta R.T. 0.02 min

Lab File: VD062356.D

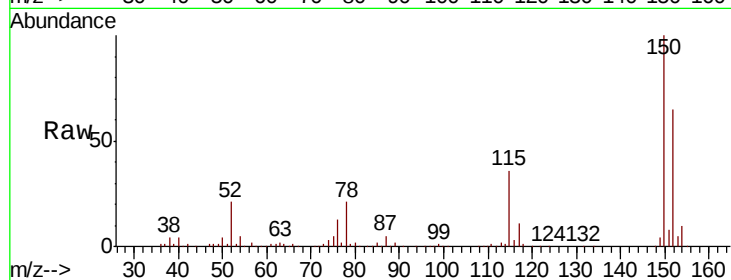
Acq: 14 May 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

P026-SS016-0002-01



Tgt Ion:152 Resp: 324020

Ion Ratio Lower Upper

152 100

115 55.5 30.9 92.7

150 152.8 0.0 314.8

