

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063685.D
 Acq On : 20 Aug 2019 15:28
 Operator : JC/SY
 Sample : K4402-01RE
 Misc : 4.13g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FRAC-TANK-MUDRE

Quant Time: Aug 21 04:18:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

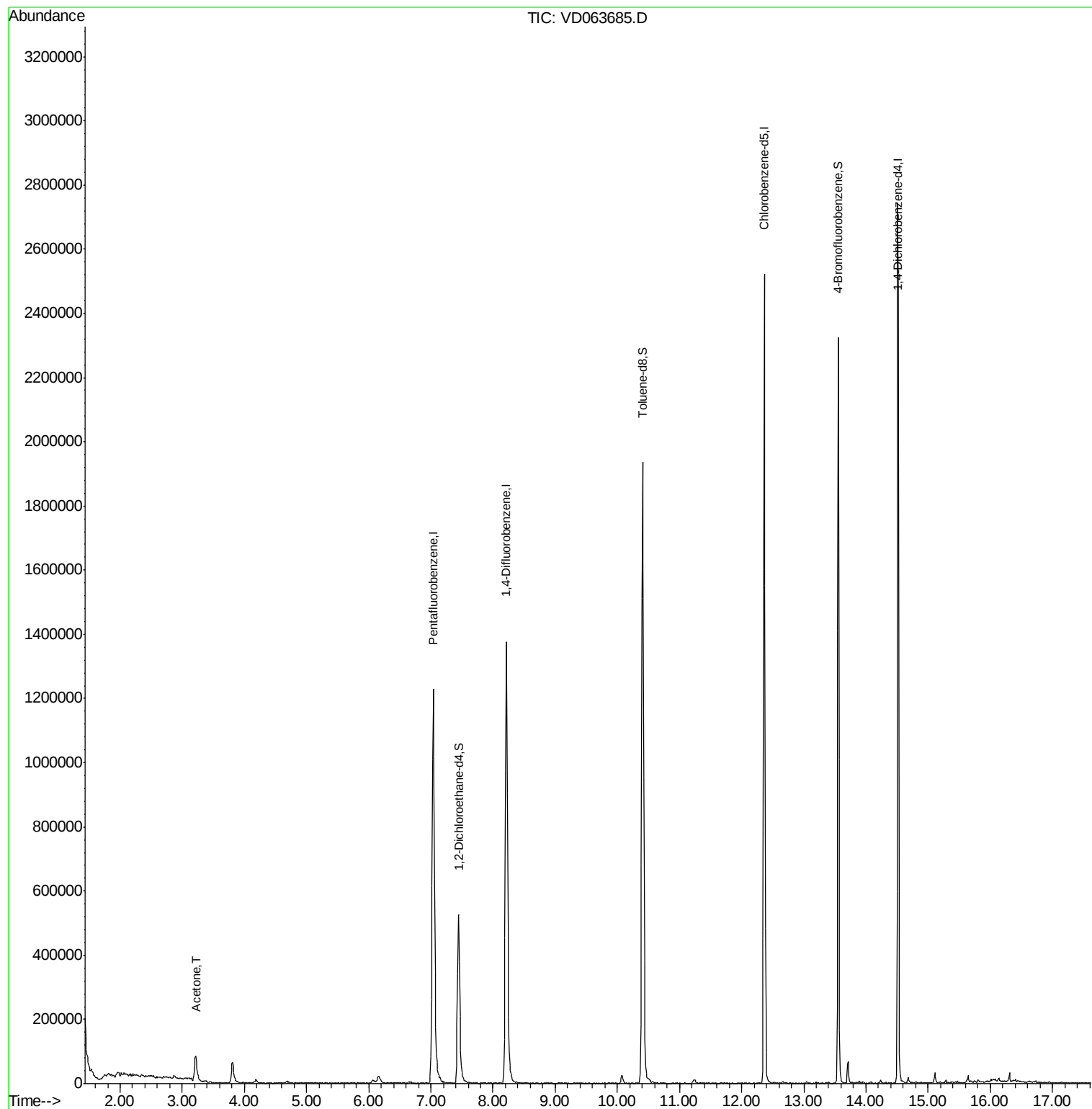
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1186140	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1616324	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1360549	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	659902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	601925	47.47	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	6.92	113	777	0.06	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	0.12%	
50) Toluene-d8	10.40	98	1653646	55.25	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	110.50%	
62) 4-Bromofluorobenzene	13.55	95	625156	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
Target Compounds						
16) Acetone	3.22	43	171645	66.597	ug/l #	Qvalue 91

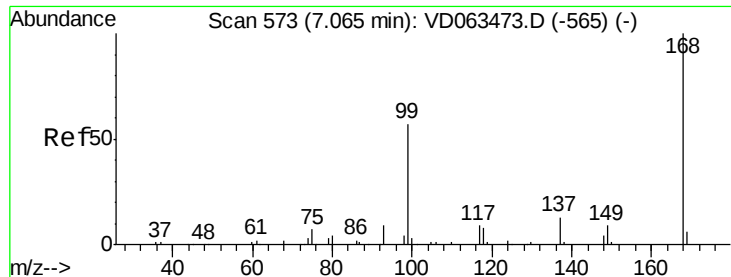
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

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MSVOA_D

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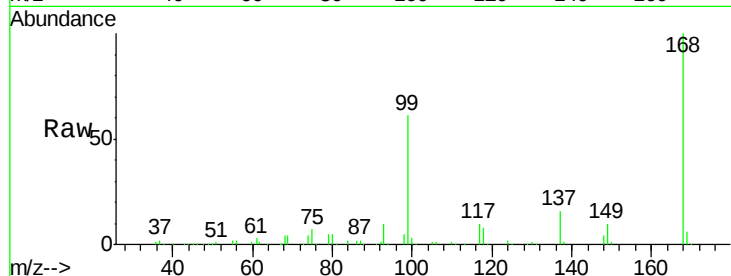
FRAC-TANK-MUDRE

Tot Ion:168 Resp: 1186140

Ion Ratio Lower Upper

168 100

99 61.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

300000

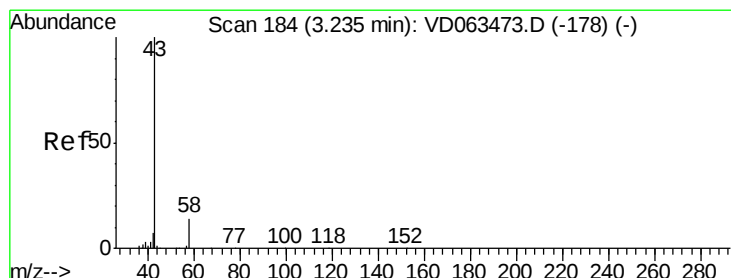
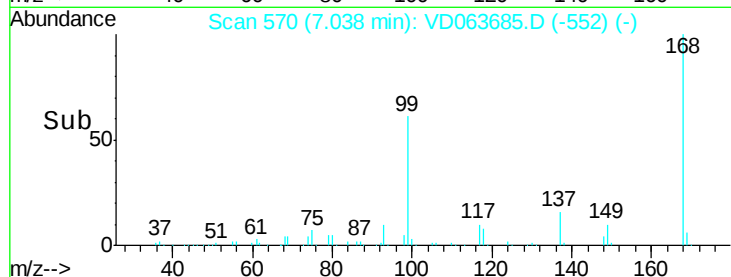
200000

100000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 66.597 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063685.D

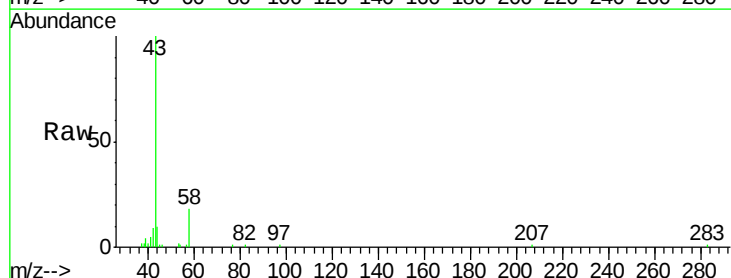
Acq: 20 Aug 2019 15:28

Tgt Ion: 43 Resp: 171645

Ion Ratio Lower Upper

43 100

58 17.9 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

60000

50000

40000

30000

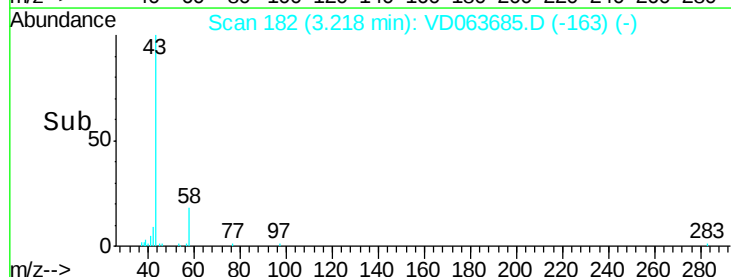
20000

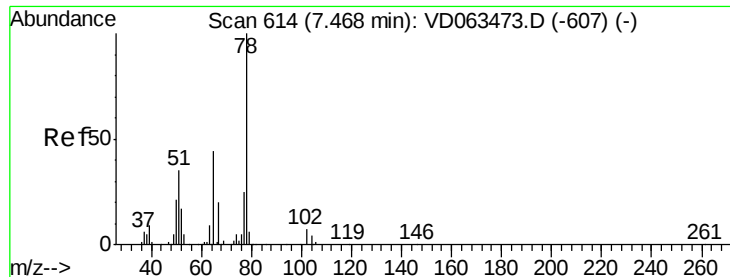
10000

0

3.10 3.20 3.30 3.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.474 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063685.D

Acq: 20 Aug 2019 15:28

Instrument :

MSVOA_D

ClientSampleId :

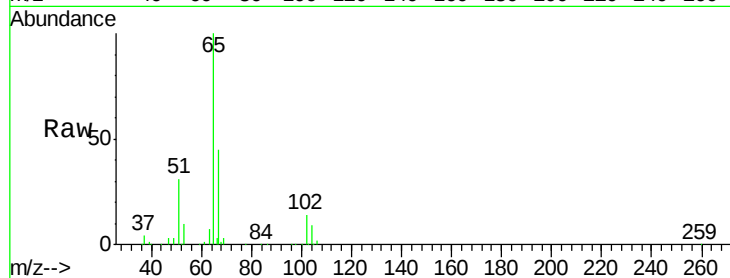
FRAC-TANK-MUDRE

Tot Ion: 65 Resp: 601925

Ion Ratio Lower Upper

65 100

67 45.0 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

250000

200000

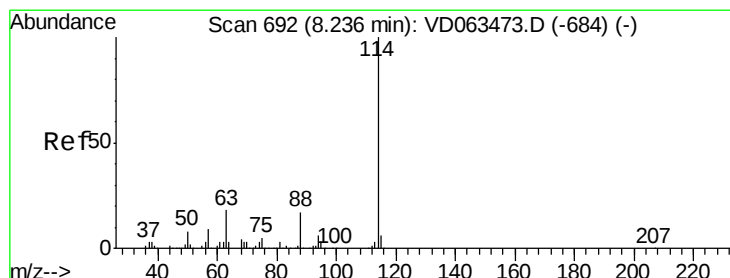
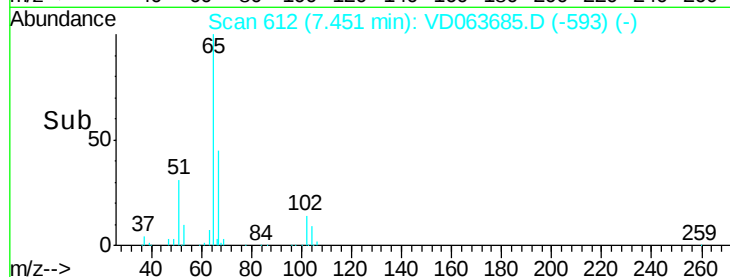
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063685.D

Acq: 20 Aug 2019 15:28

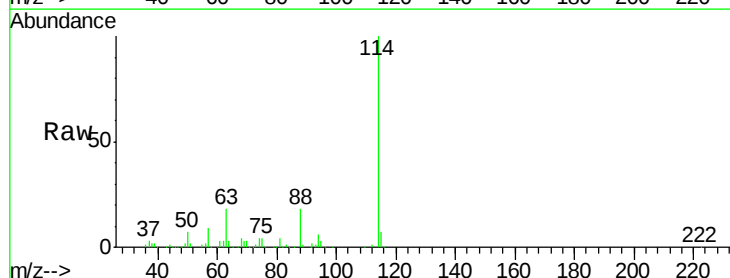
Tgt Ion: 114 Resp: 1616324

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.2

88 17.8 0.0 35.0



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

8.21

800000

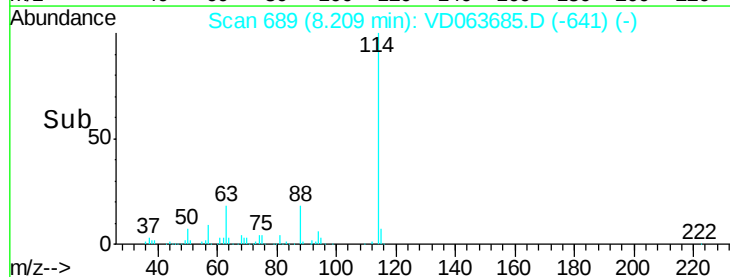
600000

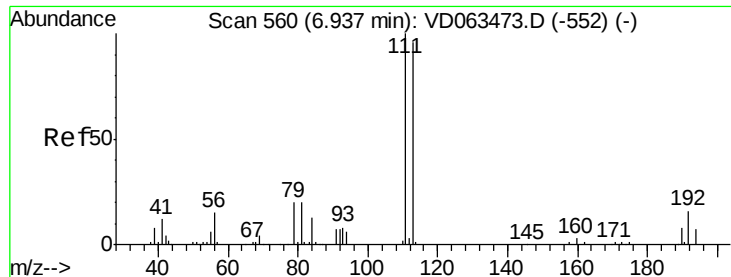
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 0.057 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063685.D

Acq: 20 Aug 2019 15:28

Instrument :

MSVOA_D

ClientSampleId :

FRAC-TANK-MUDRE

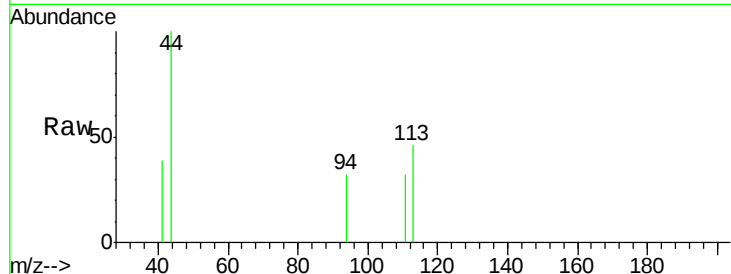
Tot Ion:113 Resp: 777

Ion Ratio Lower Upper

113 100

111 69.6 83.1 124.7#

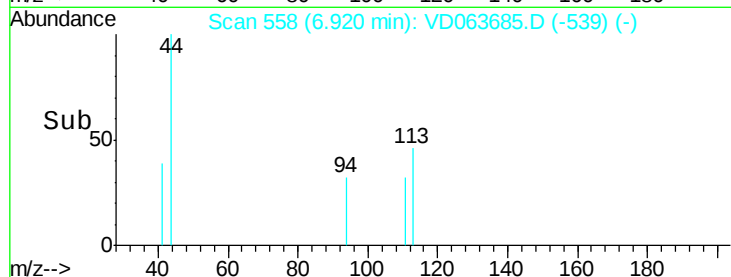
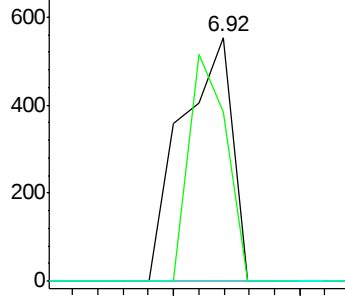
192 0.0 13.1 19.7#



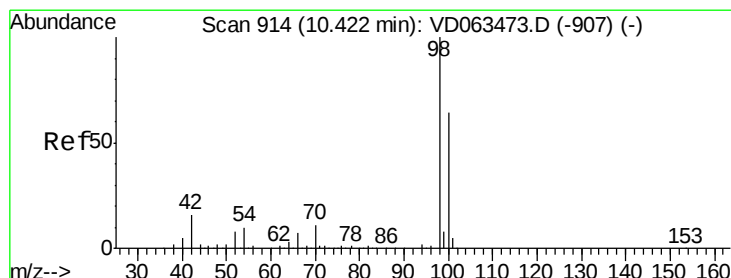
Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



Time-->



#50

Toluene-d8

Concen: 55.254 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063685.D

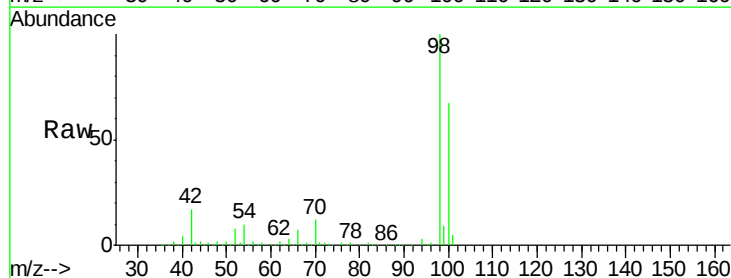
Acq: 20 Aug 2019 15:28

Tgt Ion: 98 Resp: 1653646

Ion Ratio Lower Upper

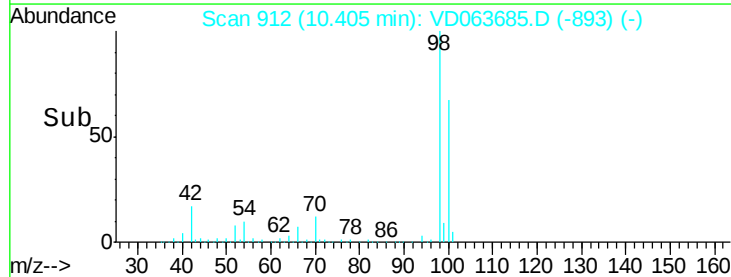
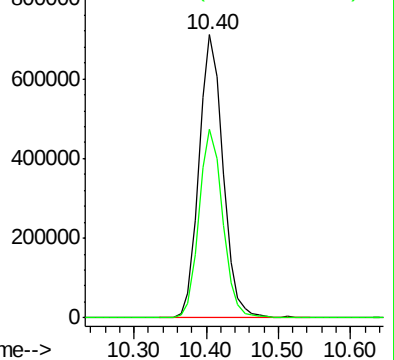
98 100

100 66.8 51.7 77.5

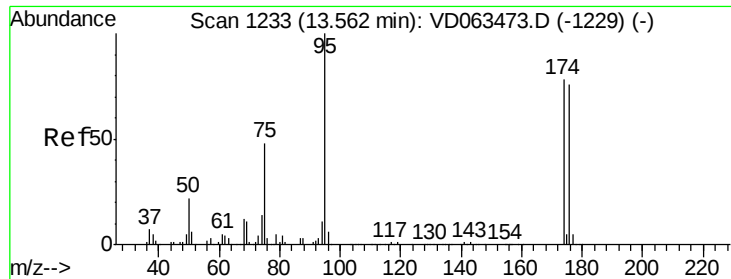


Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V



Time-->



#62

4-Bromofluorobenzene

Concen: 46.087 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063685.D

Acq: 20 Aug 2019 15:28

Instrument :

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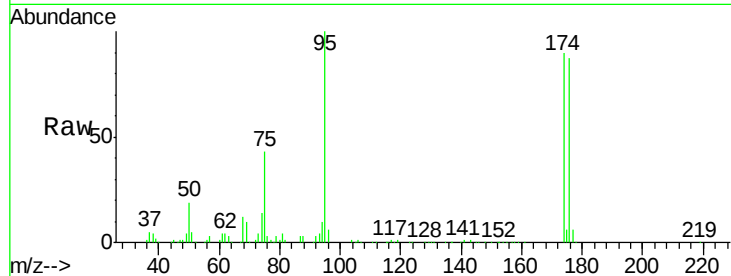
Tot Ion: 95 Resp: 625156

Ion Ratio Lower Upper

95 100

174 90.0 0.0 155.4

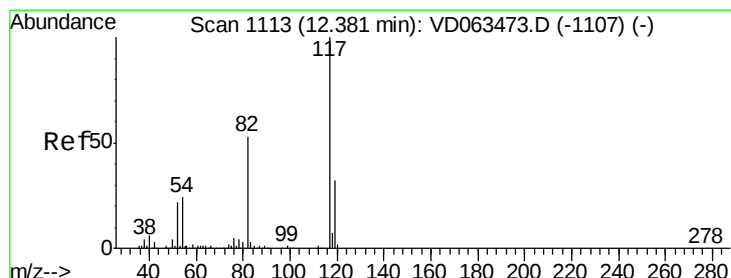
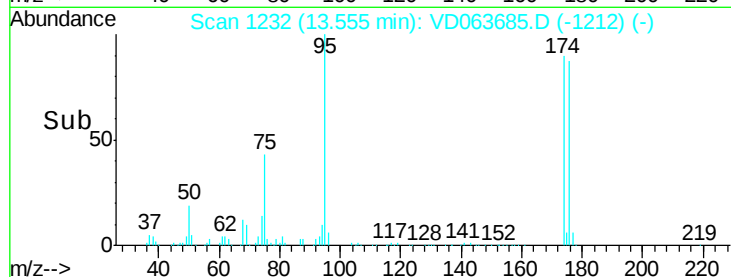
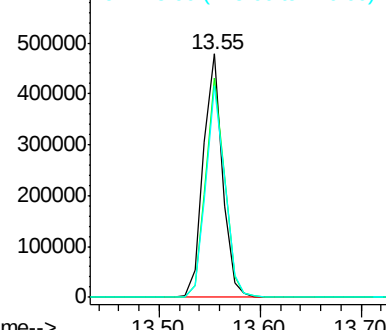
176 87.1 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD

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: 12.36 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VD063685.D

Acq: 20 Aug 2019 15:28

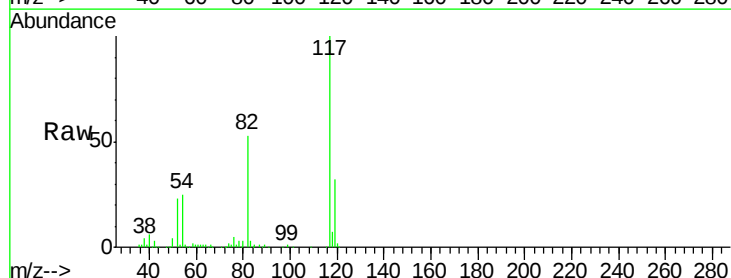
Tgt Ion: 117 Resp: 1360549

Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

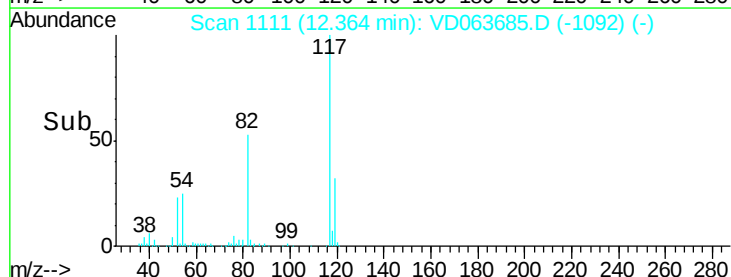
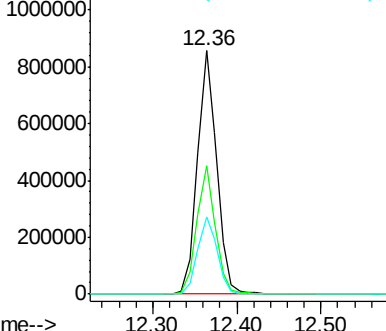
119 32.0 25.4 38.0

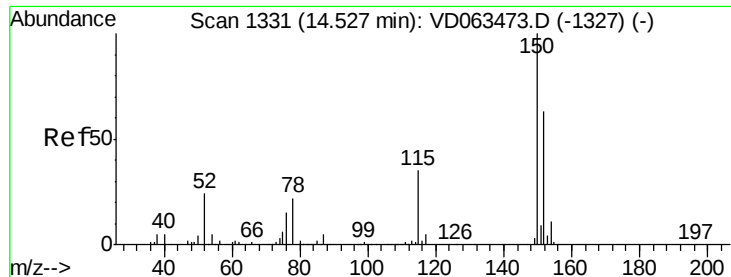


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): VD

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. -0.01 min

Lab File: VD063685.D

Acq: 20 Aug 2019 15:28

Instrument :

MSVOA_D

ClientSampleId :

FRAC-TANK-MUDRE

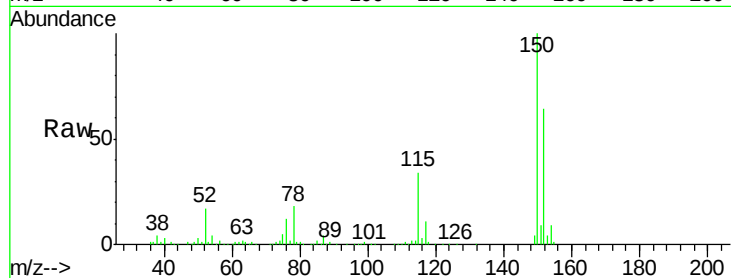
Tot Ion:152 Resp: 659902

Ion Ratio Lower Upper

152 100

115 52.6 30.9 92.7

150 155.8 0.0 318.6



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

