

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061696.D
 Acq On : 10 Apr 2019 2:58
 Operator : VA/AP
 Sample : VD0409SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0409SBL02

Quant Time: Apr 10 05:18:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

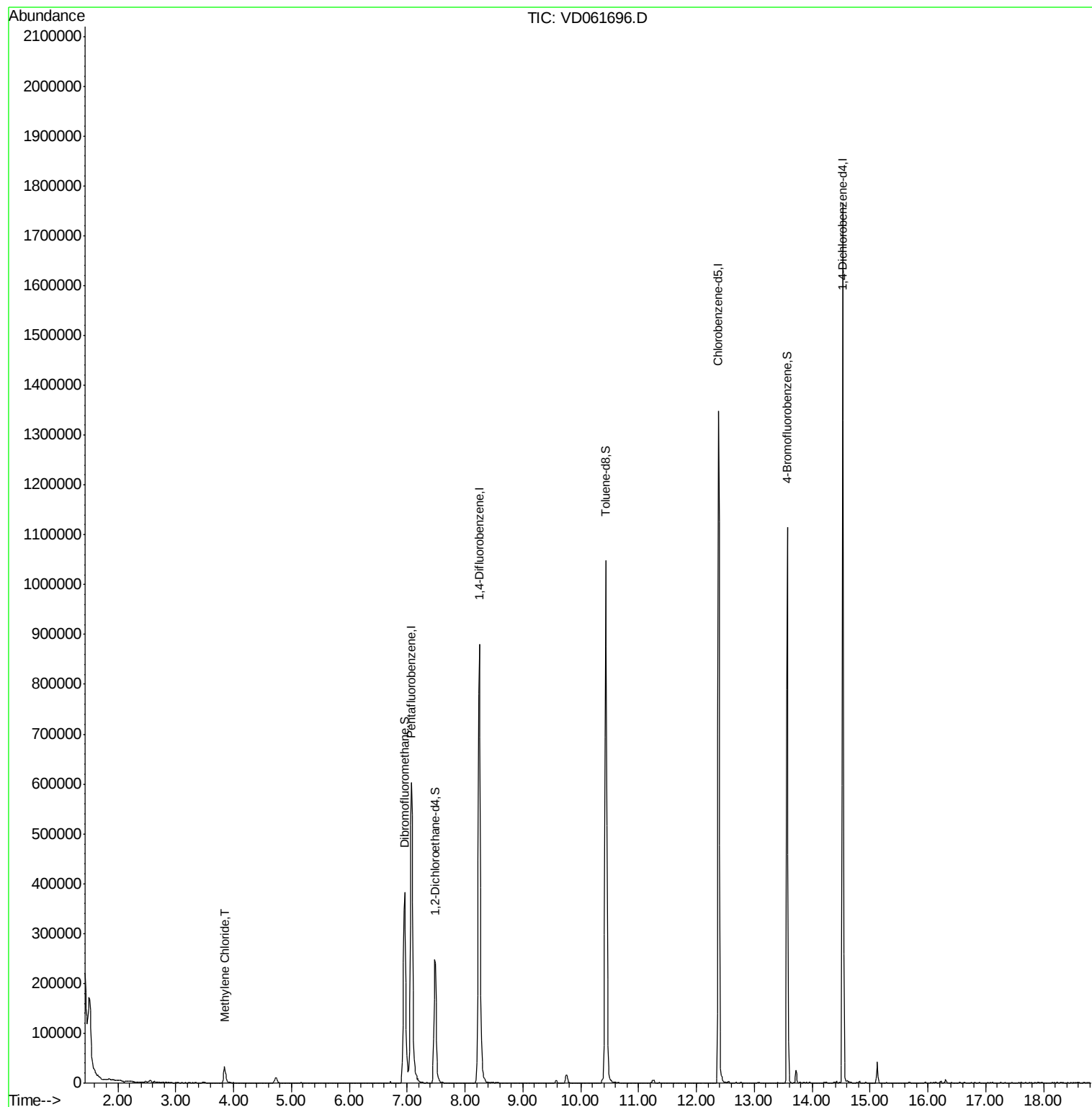
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	637484	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.25	114	1099255	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	882814	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	432791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	247245	51.17	ug/l	0.03
Spiked Amount 50.000			Recovery	=	102.34%	
35) Dibromofluoromethane	6.96	113	374880	49.23	ug/l	0.04
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	10.43	98	888058	46.42	ug/l	0.03
Spiked Amount 50.000			Recovery	=	92.84%	
62) 4-Bromofluorobenzene	13.57	95	341529	50.99	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.98%	
Target Compounds						
20) Methylene Chloride	3.85	84	25645	3.129	ug/l	Qvalue 95

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.04 min

Lab File: VD061696.D

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Instrument :

MSVOA_D

ClientSampleId :

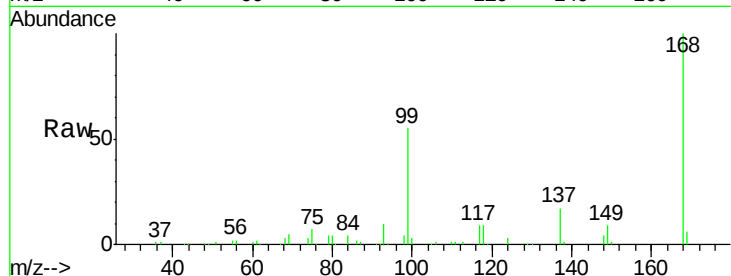
VD0409SBL02

Tot Ion:168 Resp: 637484

Ion Ratio Lower Upper

168 100

99 55.3 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

250000

200000

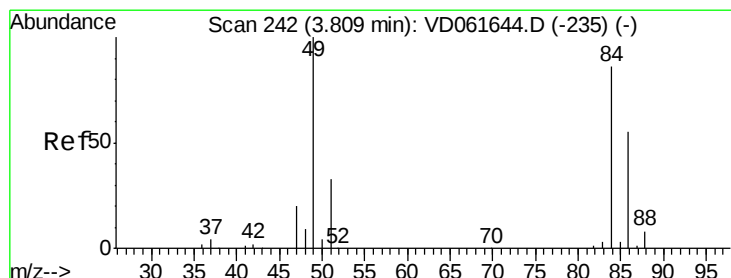
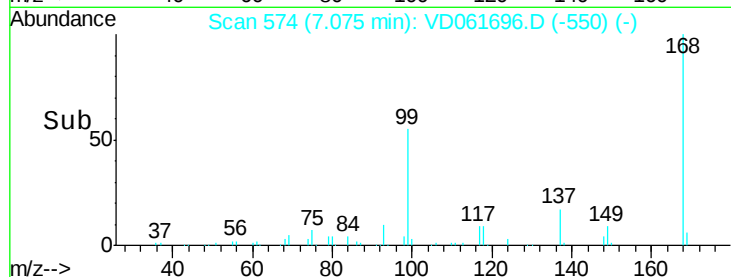
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 3.129 ug/l

RT: 3.85 min Scan# 246

Delta R.T. 0.04 min

Lab File: VD061696.D

Acq: 10 Apr 2019 2:58

Tgt Ion: 84 Resp: 25645

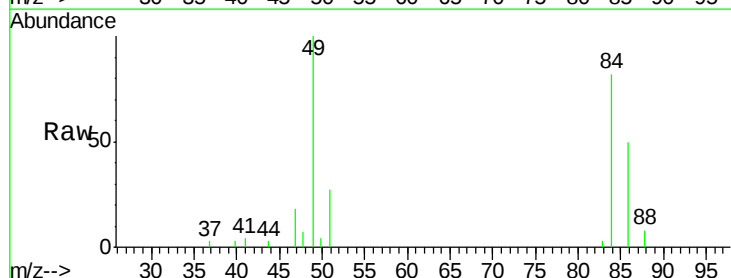
Ion Ratio Lower Upper

84 100

49 121.6 93.0 139.4

51 32.6 30.4 45.6

86 60.4 51.0 76.4



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

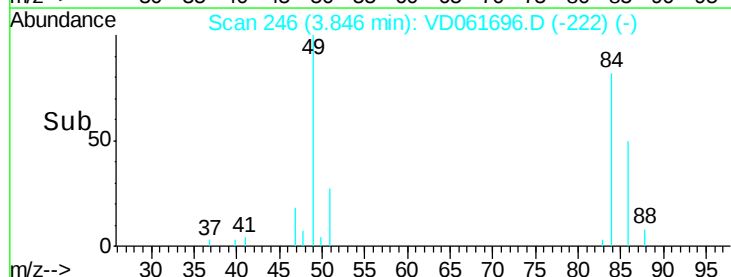
15000

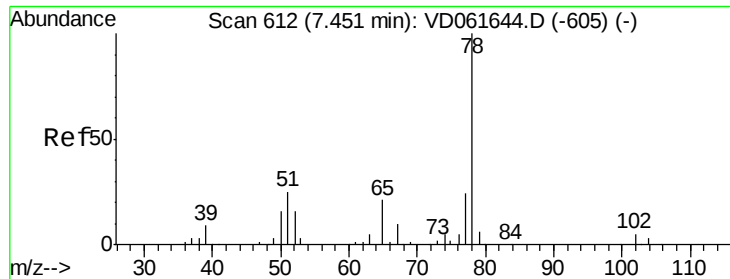
10000

5000

0

Time--> 3.70 3.80 3.90 4.00





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.03 min

Lab File: VD061696.D

Acq: 10 Apr 2019 2:58

Instrument :

MSVOA_D

ClientSampleId :

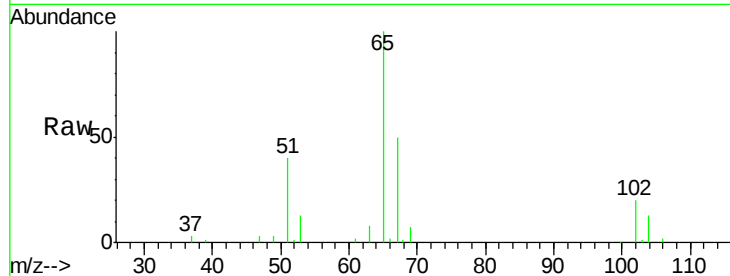
VD0409SBL02

Tot Ion: 65 Resp: 247245

Ion Ratio Lower Upper

65 100

67 50.2 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.48

100000

80000

60000

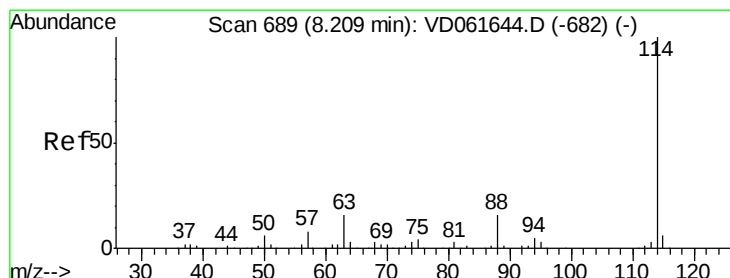
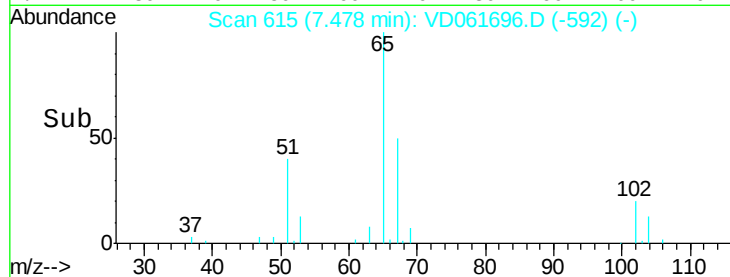
40000

20000

0

Time-->

7.40 7.50 7.60 7.70



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.25 min Scan# 693

Delta R.T. 0.04 min

Lab File: VD061696.D

Acq: 10 Apr 2019 2:58

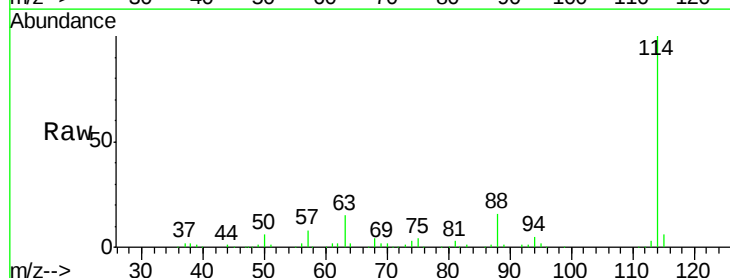
Tgt Ion: 114 Resp: 1099255

Ion Ratio Lower Upper

114 100

63 15.1 0.0 31.2

88 16.0 0.0 31.8



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

8.25

600000

500000

400000

300000

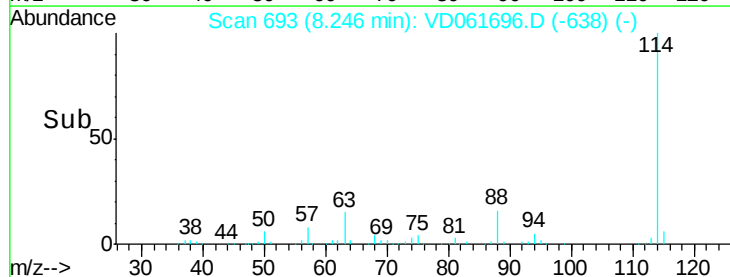
200000

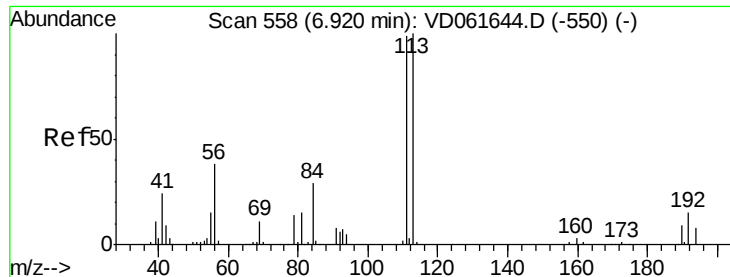
100000

0

Time-->

8.20 8.40 8.60





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.04 min

Lab File: VD061696.D

Acq: 10 Apr 2019 2:58

Instrument :

MSVOA_D

ClientSampleId :

VD0409SBL02

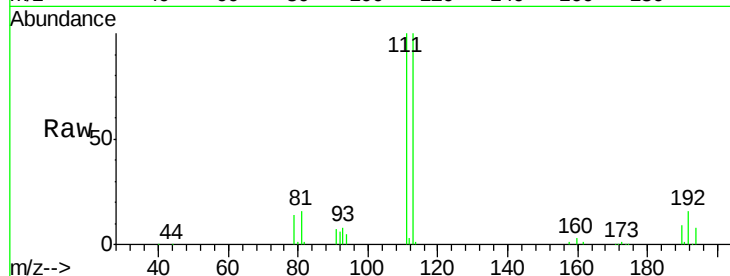
Tot Ion:113 Resp: 374880

Ion Ratio Lower Upper

113 100

111 99.8 79.3 118.9

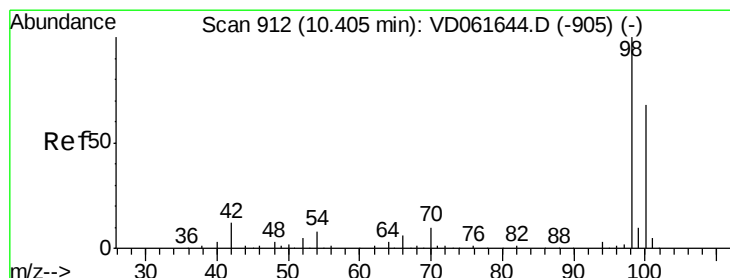
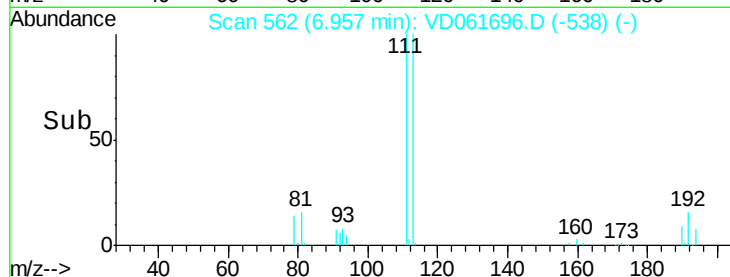
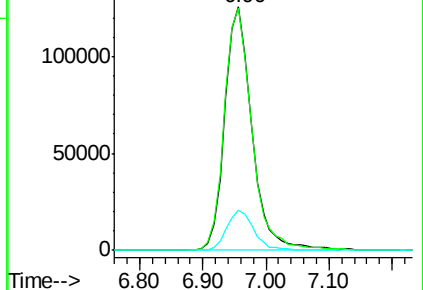
192 16.5 12.3 18.5



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: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061696.D

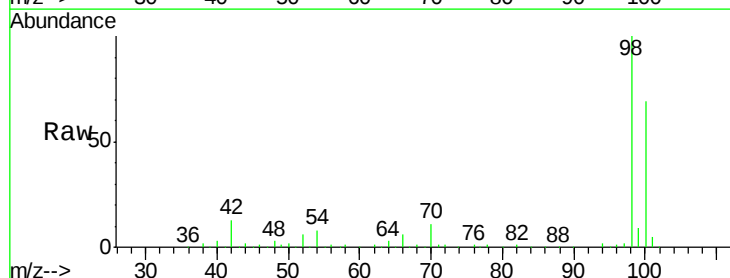
Acq: 10 Apr 2019 2:58

Tgt Ion: 98 Resp: 888058

Ion Ratio Lower Upper

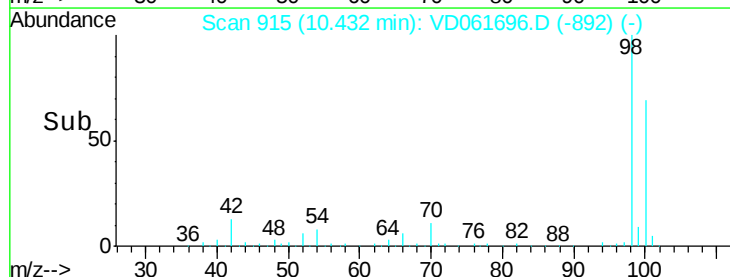
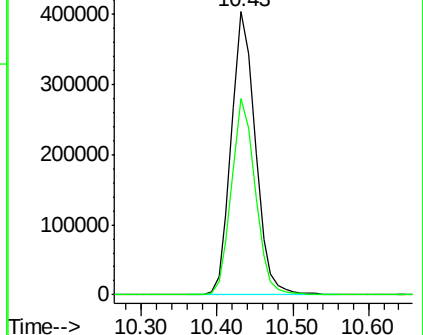
98 100

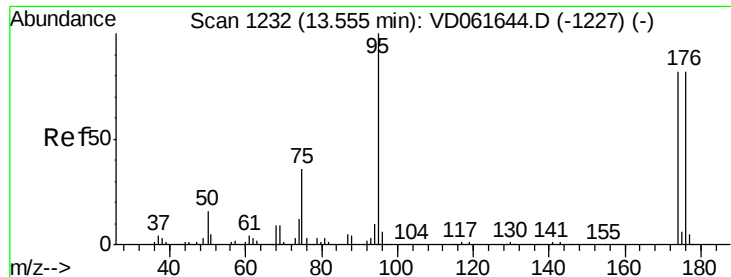
100 69.3 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061696.D

Acq: 10 Apr 2019 2:58

Instrument :

MSVOA_D

ClientSampleId :

VD0409SBL02

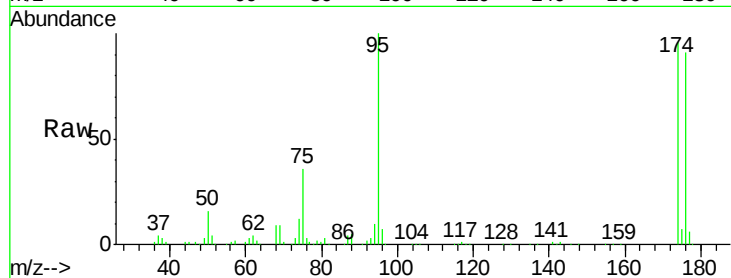
Tot Ion: 95 Resp: 341529

Ion Ratio Lower Upper

95 100

174 95.6 0.0 164.6

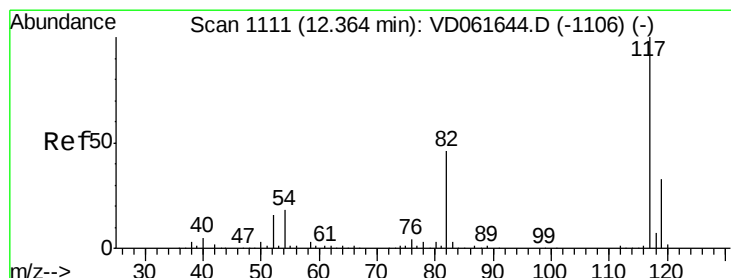
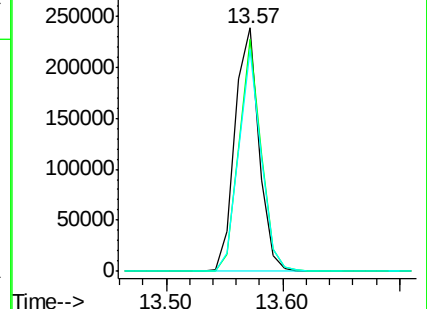
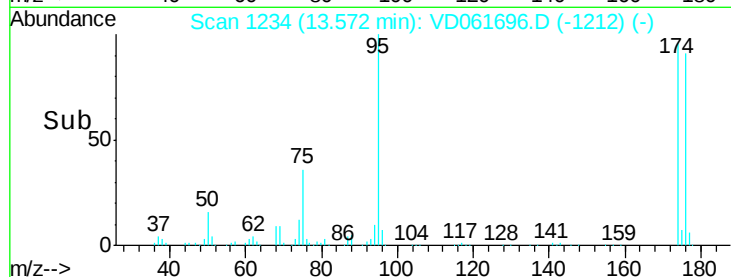
176 91.4 0.0 165.0



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. 0.02 min

Lab File: VD061696.D

Acq: 10 Apr 2019 2:58

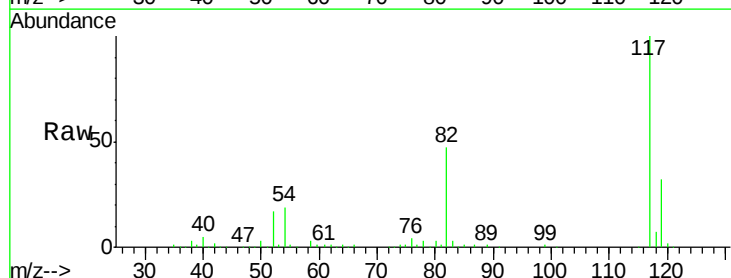
Tgt Ion: 117 Resp: 882814

Ion Ratio Lower Upper

117 100

82 47.4 36.8 55.2

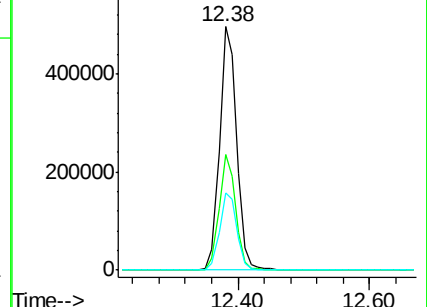
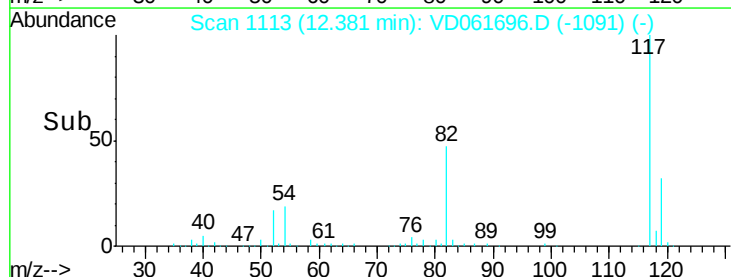
119 31.8 26.1 39.1

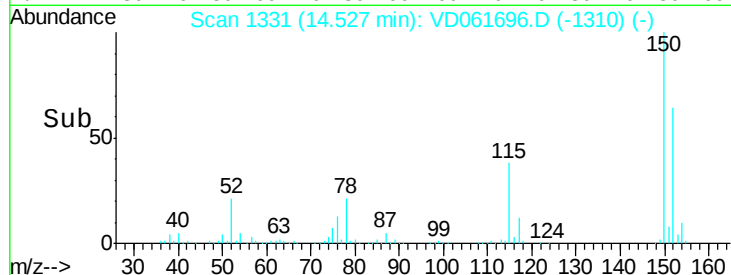
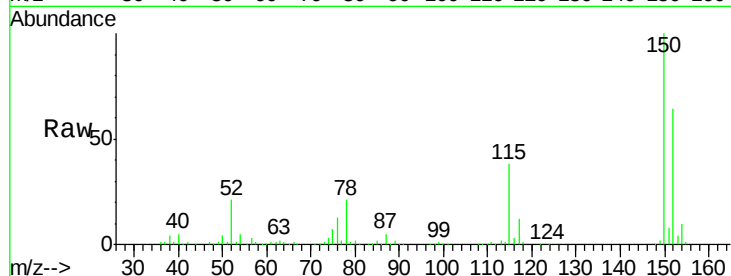
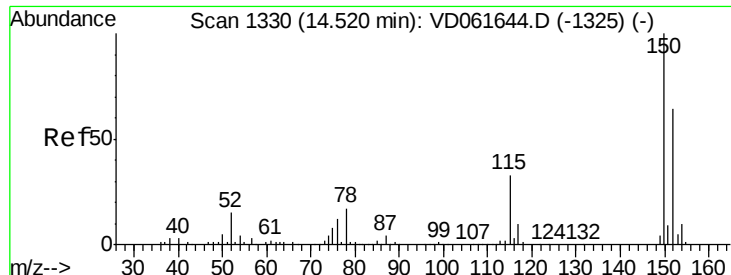


Abundance Ion 116.95 (116.65 to 117.65): V

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. 0.01 min
 Lab File: VD061696.D
 Acq: 10 Apr 2019 2:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0409SBL02

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.6	26.4	79.2
150	155.3	0.0	320.6

