

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061652.D
 Acq On : 8 Apr 2019 15:46
 Operator : VA/AP
 Sample : K2240-06RE
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-(13.5-14)

Quant Time: Apr 09 01:41:37 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

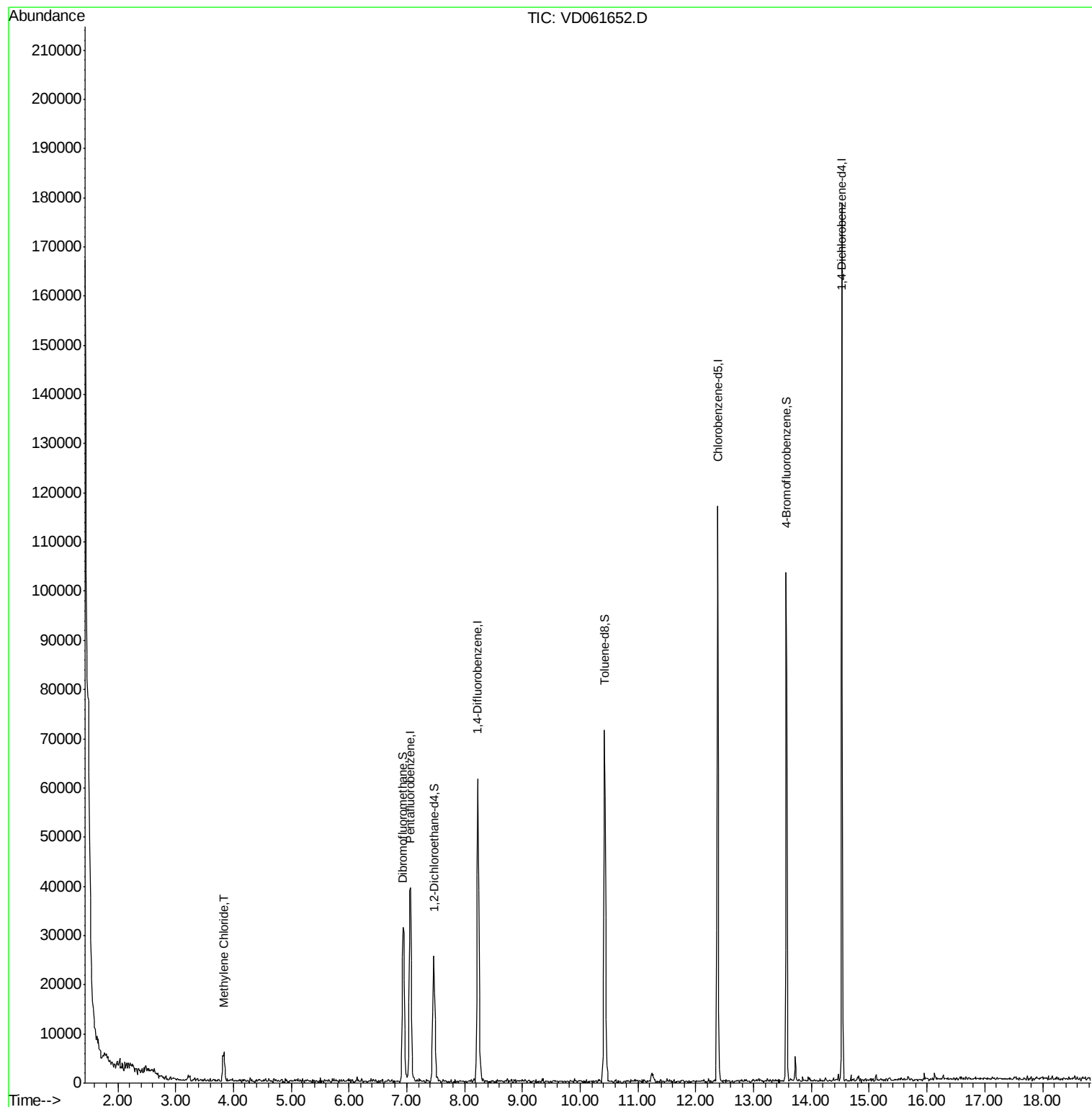
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	43549	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	79962	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	78177	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	39636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	27931	84.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	169.22%	
35) Dibromofluoromethane	6.95	113	32171	58.08	ug/l	0.03
Spiked Amount 50.000			Recovery	=	116.16%	
50) Toluene-d8	10.42	98	64644	46.45	ug/l	0.02
Spiked Amount 50.000			Recovery	=	92.90%	
62) 4-Bromofluorobenzene	13.56	95	32797	74.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	148.74%	
Target Compounds						
20) Methylene Chloride	3.83	84	4766	8.511	ug/l #	Qvalue 87

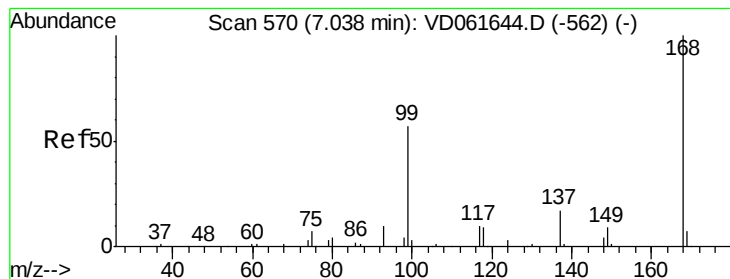
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD061652.D

Acq: 8 Apr 2019 15:46

Instrument :

MSVOA_D

ClientSampleId :

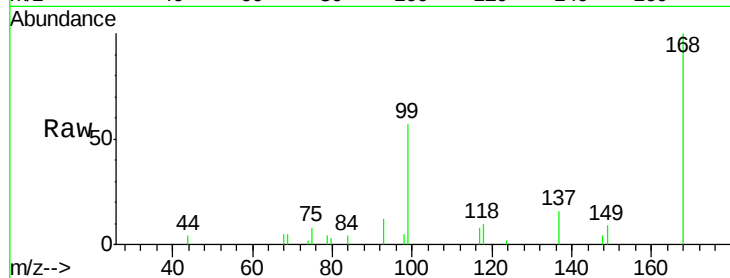
SB-02-(13.5-14)

Tot Ion:168 Resp: 43549

Ion Ratio Lower Upper

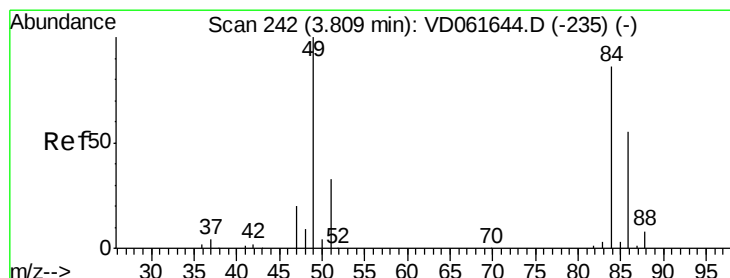
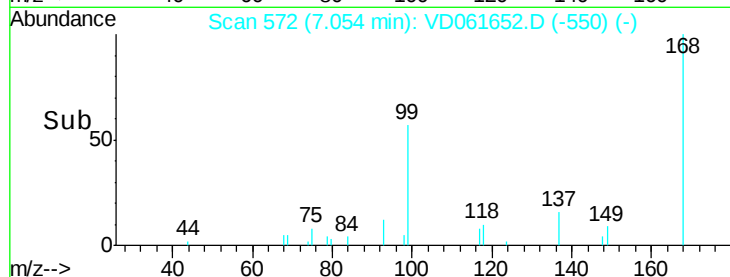
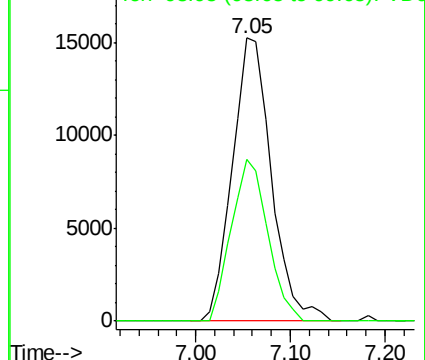
168 100

99 57.2 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 8.511 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.03 min

Lab File: VD061652.D

Acq: 8 Apr 2019 15:46

Tgt Ion: 84 Resp: 4766

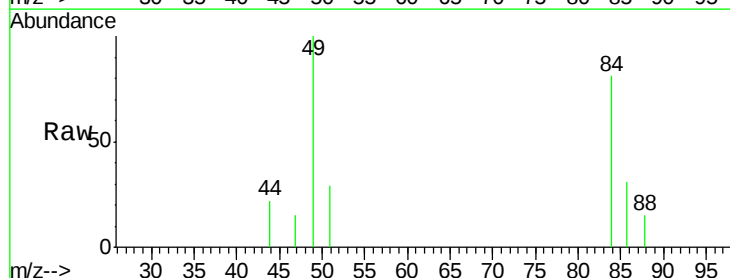
Ion Ratio Lower Upper

84 100

49 123.0 93.0 139.4

51 36.0 30.4 45.6

86 38.2 51.0 76.4#

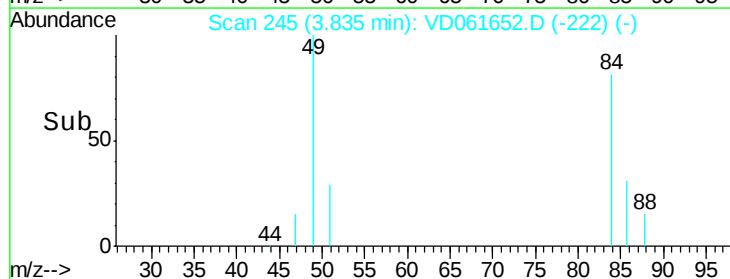
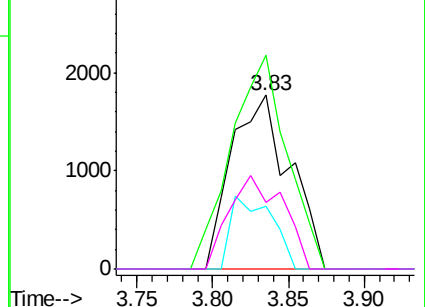


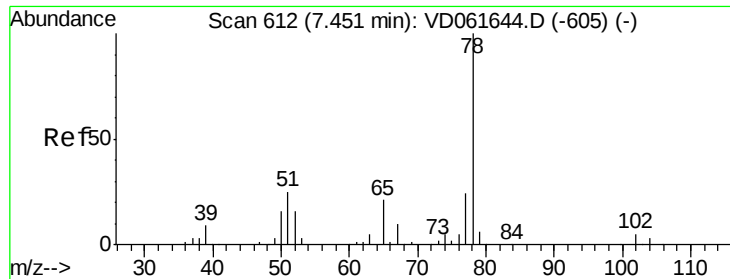
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061652.D

Acq: 8 Apr 2019 15:46

Instrument :

MSVOA_D

ClientSampleId :

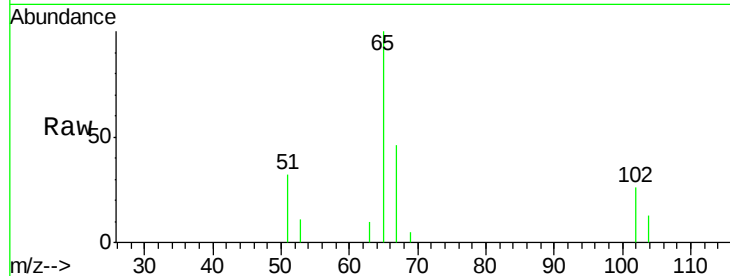
SB-02-(13.5-14)

Tot Ion: 65 Resp: 27931

Ion Ratio Lower Upper

65 100

67 46.4 0.0 99.4

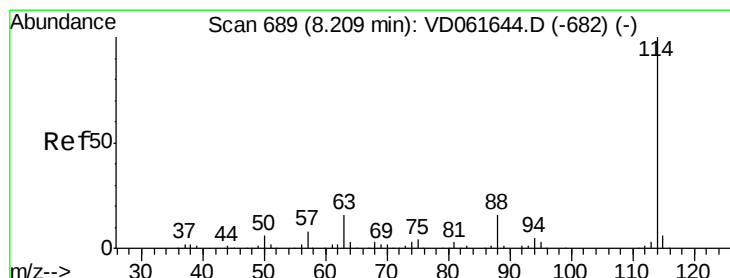
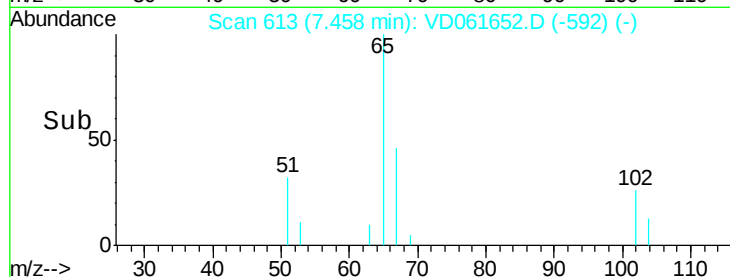


Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.03 min

Lab File: VD061652.D

Acq: 8 Apr 2019 15:46

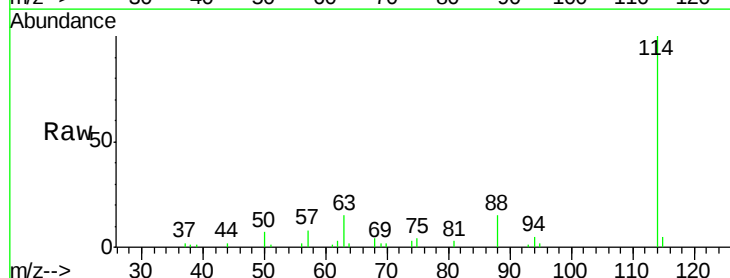
Tgt Ion: 114 Resp: 79962

Ion Ratio Lower Upper

114 100

63 14.9 0.0 31.2

88 14.8 0.0 31.8



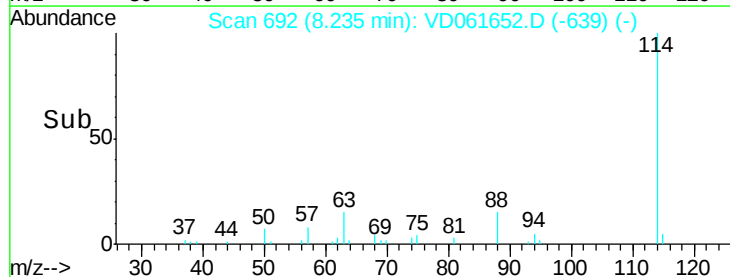
Abundance Ion 114.00 (113.70 to 114.70): V

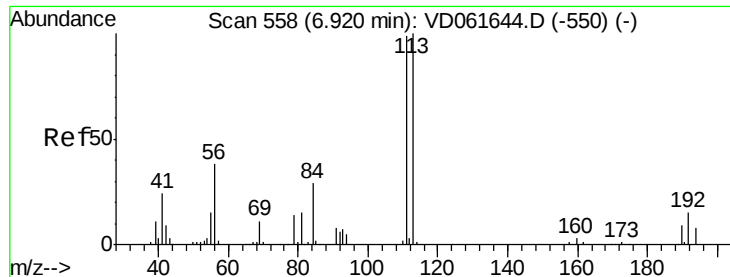
Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.24

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.03 min

Lab File: VD061652.D

Acq: 8 Apr 2019 15:46

Instrument :

MSVOA_D

ClientSampleId :

SB-02-(13.5-14)

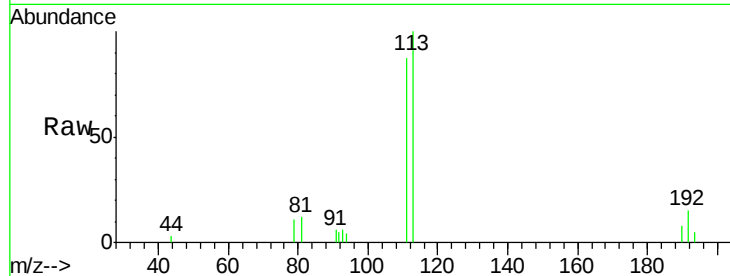
Tot Ion:113 Resp: 32171

Ion Ratio Lower Upper

113 100

111 86.5 79.3 118.9

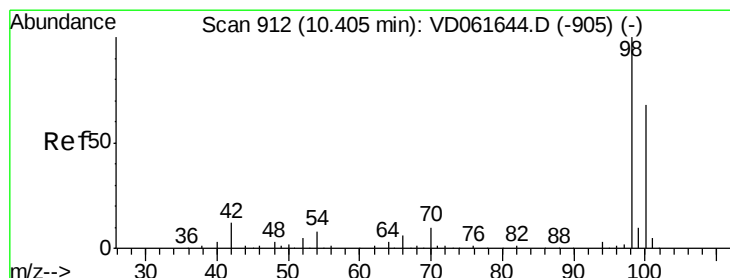
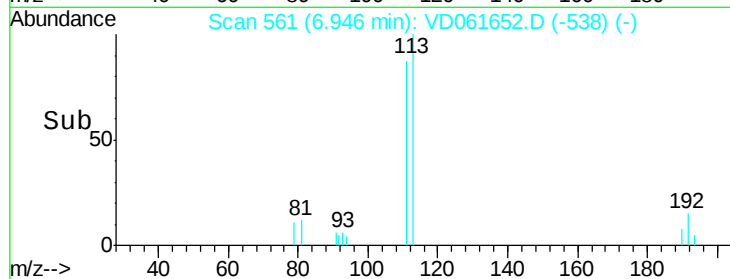
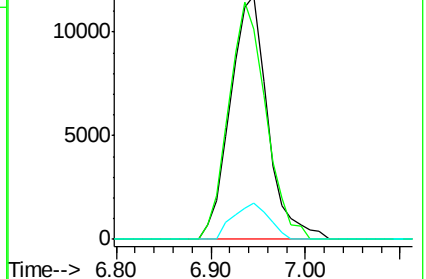
192 15.0 12.3 18.5



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: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061652.D

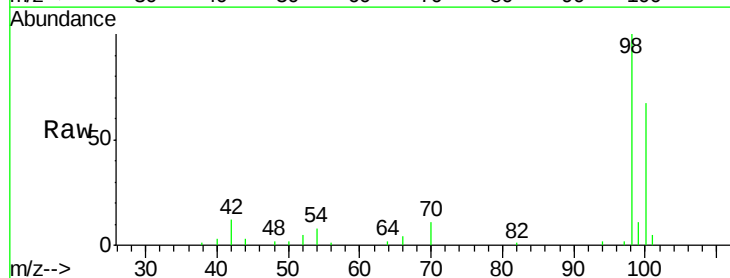
Acq: 8 Apr 2019 15:46

Tgt Ion: 98 Resp: 64644

Ion Ratio Lower Upper

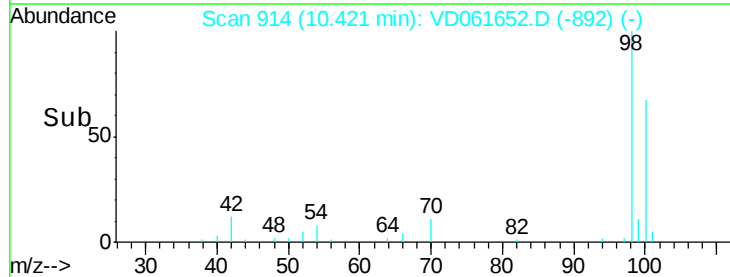
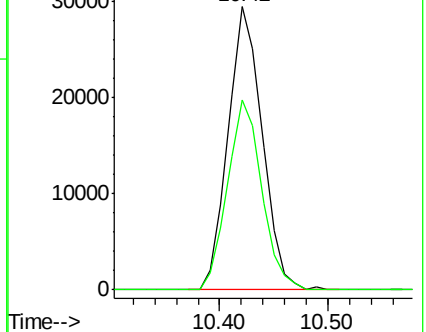
98 100

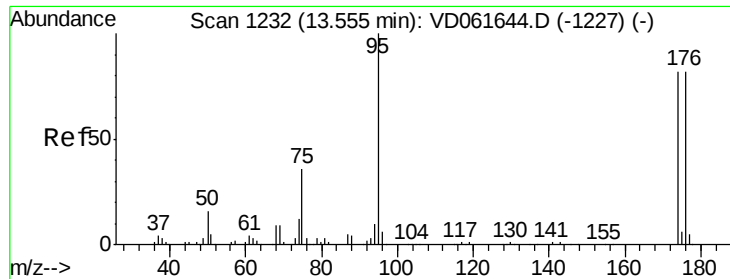
100 67.1 55.4 83.0



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: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061652.D

Acq: 8 Apr 2019 15:46

Instrument :

MSVOA_D

ClientSampleId :

SB-02-(13.5-14)

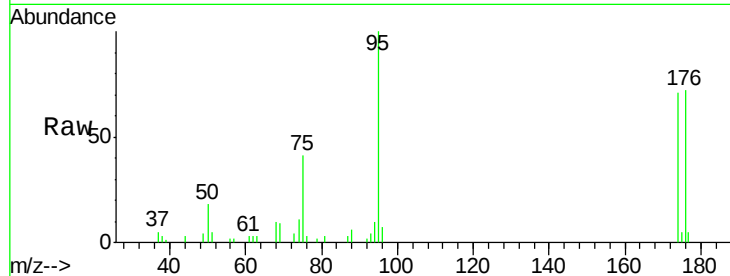
Tot Ion: 95 Resp: 32797

Ion Ratio Lower Upper

95 100

174 70.6 0.0 164.6

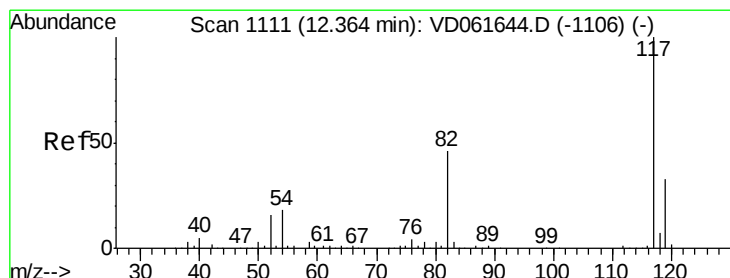
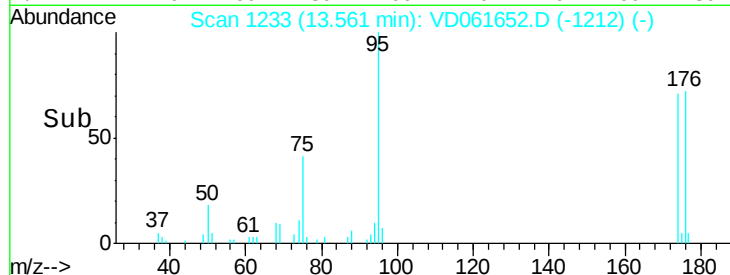
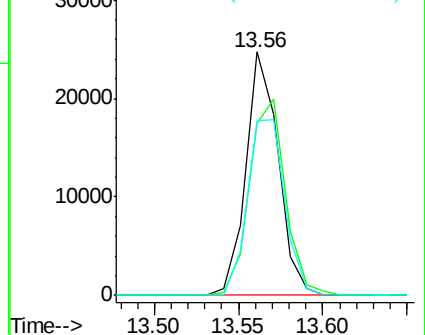
176 71.9 0.0 165.0



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: VD061652.D

Acq: 8 Apr 2019 15:46

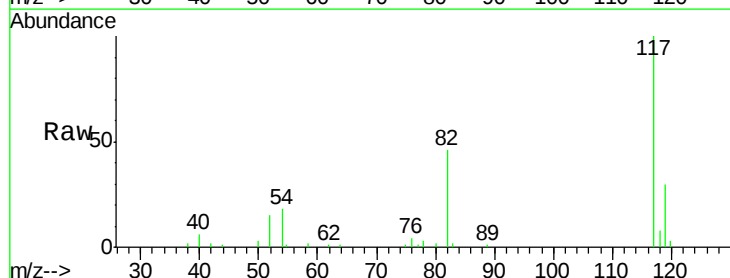
Tgt Ion: 117 Resp: 78177

Ion Ratio Lower Upper

117 100

82 45.5 36.8 55.2

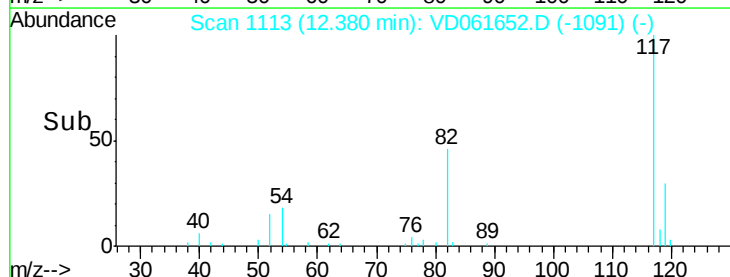
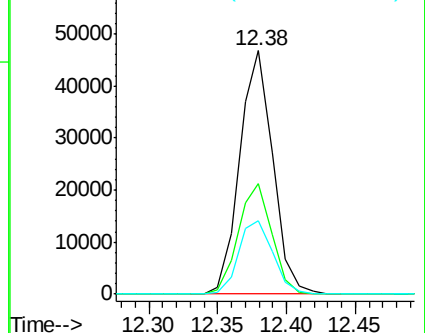
119 30.2 26.1 39.1

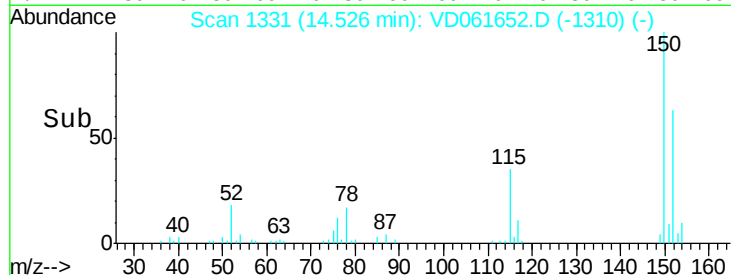
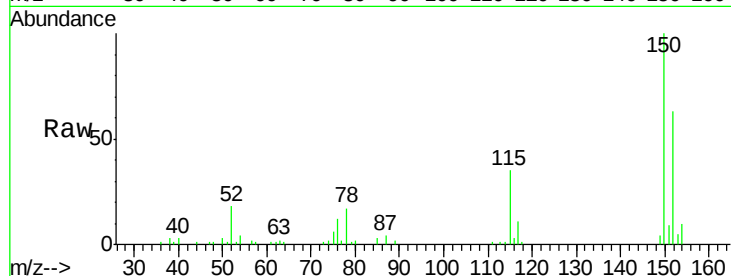
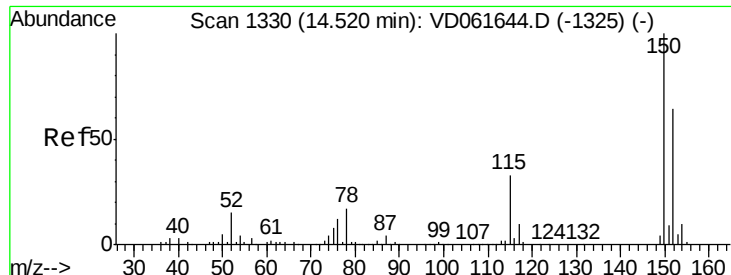


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD061652.D
 Acq: 8 Apr 2019 15:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-(13.5-14)

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	26.4	79.2
150	159.8	0.0	320.6

