

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003683.D
 Acq On : 26 Jul 2018 21:06
 Operator : JC/SP
 Sample : J4069-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030SP005-180718

Quant Time: Jul 27 06:07:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	72359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	118769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	141381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	67774	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	63816	59.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.08%	
35) Dibromofluoromethane	5.51	113	52095	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
50) Toluene-d8	8.72	98	210902	56.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.84%	
62) 4-Bromofluorobenzene	11.14	95	78746	58.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.54%	

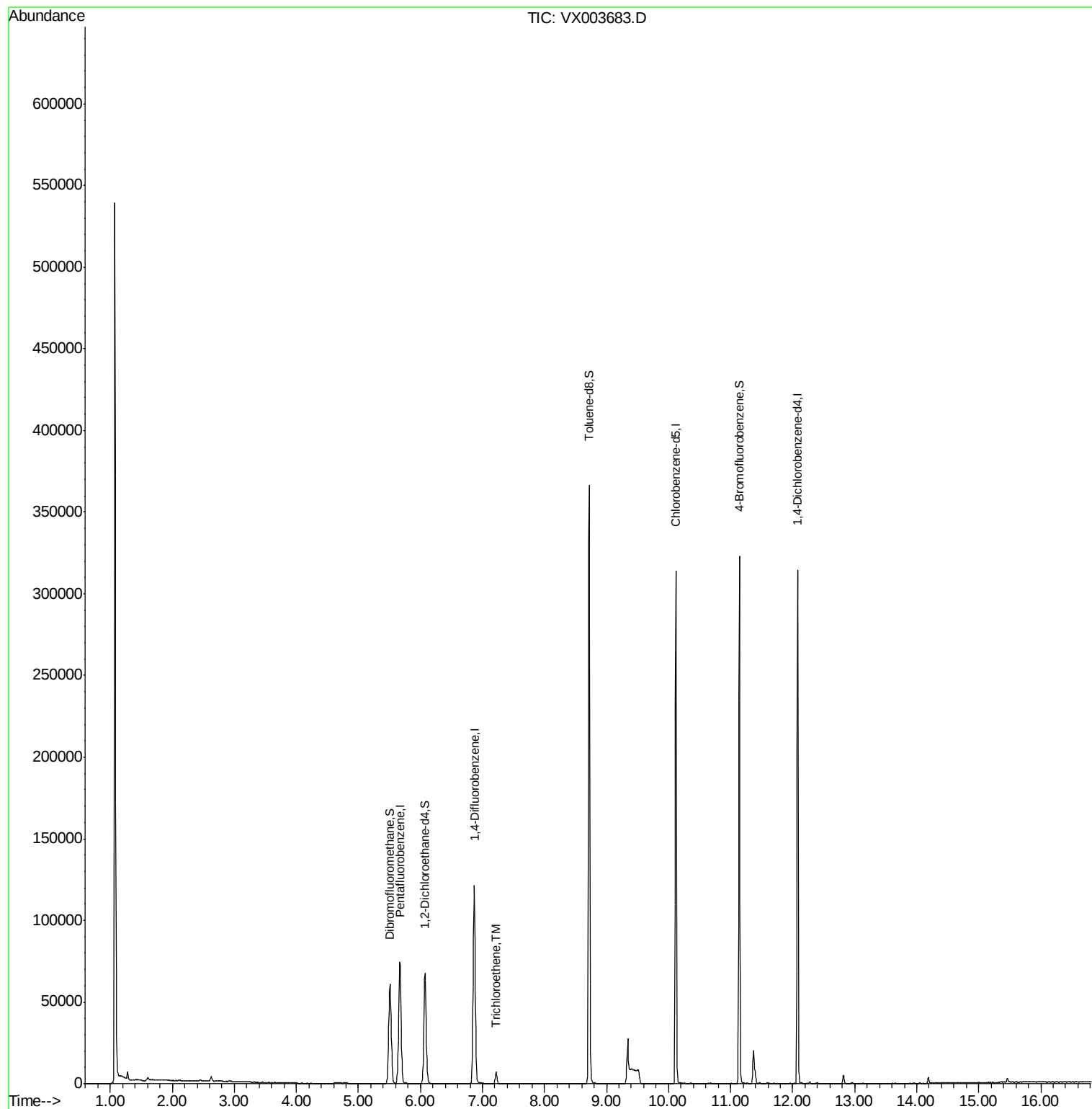
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Trichloroethene	7.21	130	2739	2.49	ug/l	90

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003683.D

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Instrument :

MSVOA_X

ClientSampleId :

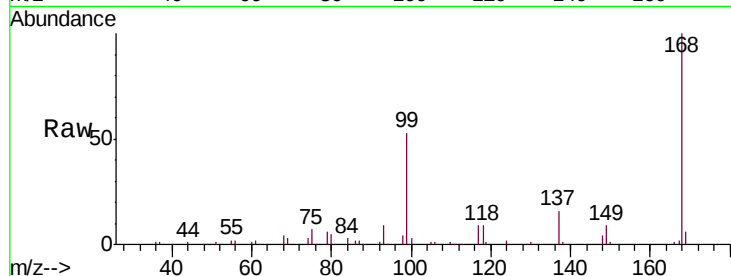
KY030SP005-180718

Tot Ion:168 Resp: 72359

Ion Ratio Lower Upper

168 100

99 52.6 49.5 74.3

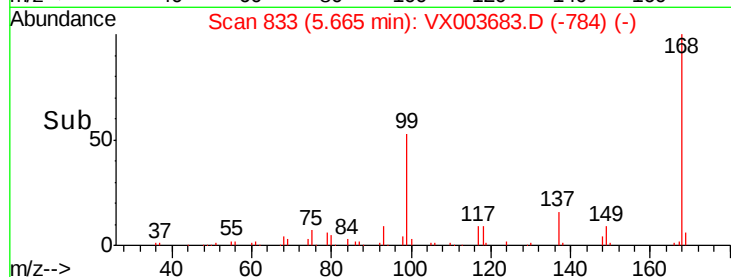


Abundance Ion 167.90 (167.60 to 168.60): V

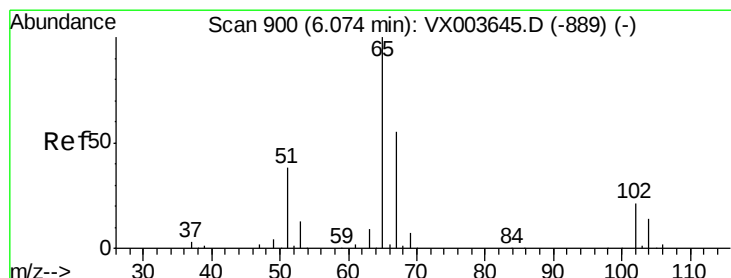
Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.54 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003683.D

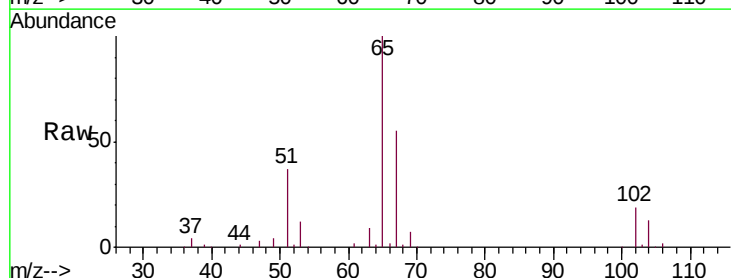
Acq: 26 Jul 2018 21:06

Tgt Ion: 65 Resp: 63816

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.8

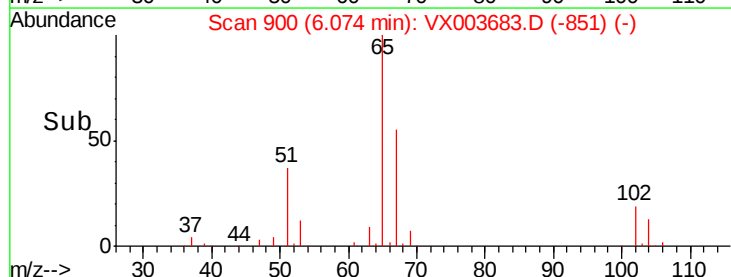


Abundance Ion 64.90 (64.60 to 65.60): VX0

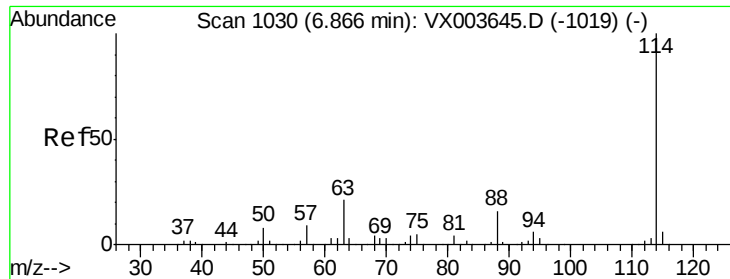
Ion 66.90 (66.60 to 67.60): VX0

6.07

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003683.D

Acq: 26 Jul 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

KY030SP005-180718

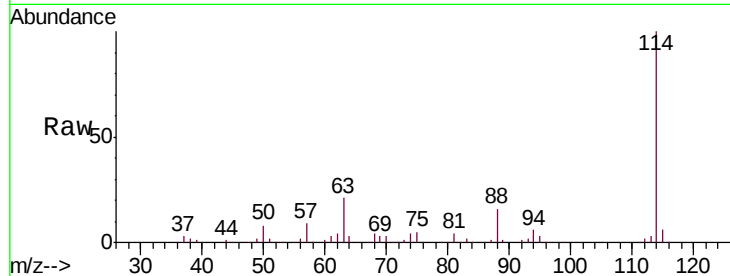
Tot Ion:114 Resp: 118769

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.0

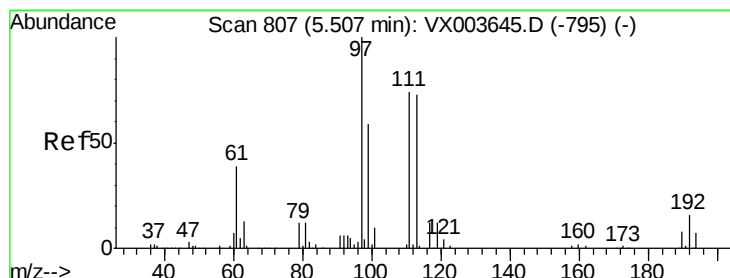
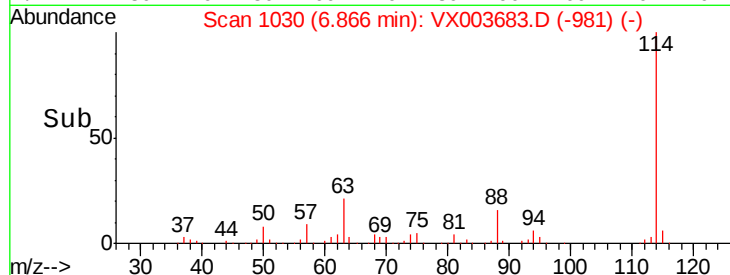
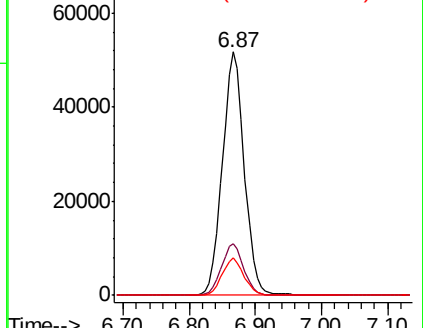
88 15.6 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 53.66 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003683.D

Acq: 26 Jul 2018 21:06

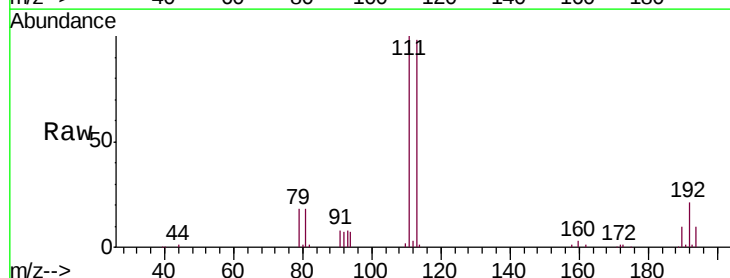
Tgt Ion:113 Resp: 52095

Ion Ratio Lower Upper

113 100

111 101.0 81.2 121.8

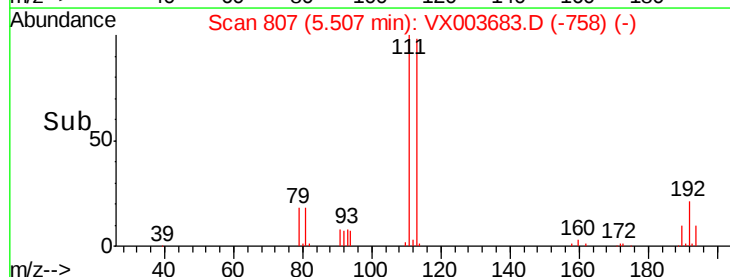
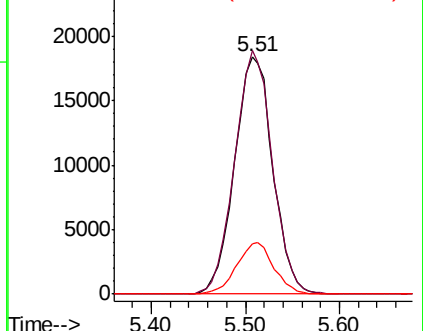
192 21.1 18.2 27.4

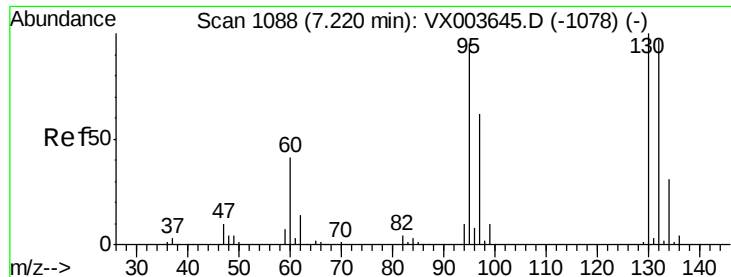


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.49 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003683.D

Acq: 26 Jul 2018 21:06

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ClientSampleId :

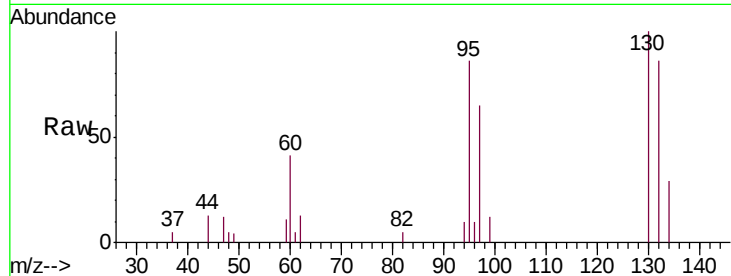
KY030SP005-180718

Tot Ion:130 Resp: 2739

Ion Ratio Lower Upper

130 100

95 85.6 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

1500

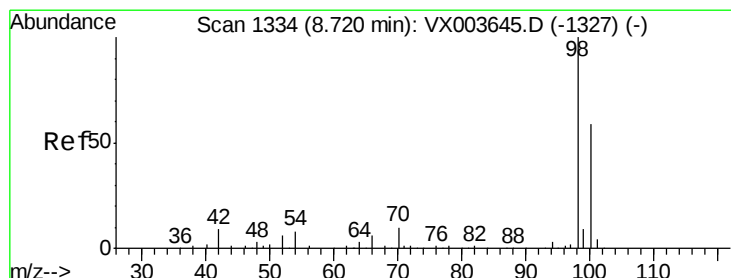
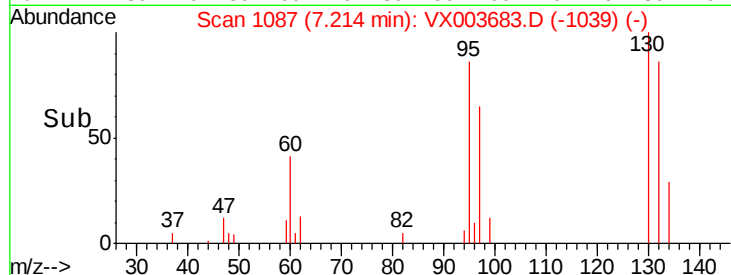
1000

500

0

7.15 7.20 7.25

Time-->



#50

Toluene-d8

Concen: 56.92 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003683.D

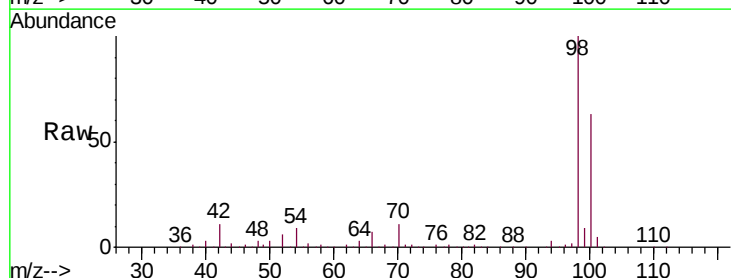
Acq: 26 Jul 2018 21:06

Tgt Ion: 98 Resp: 210902

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

150000

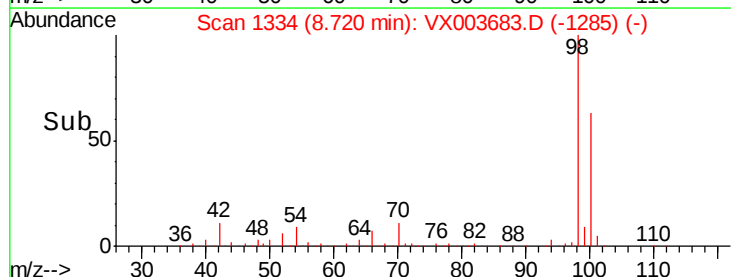
100000

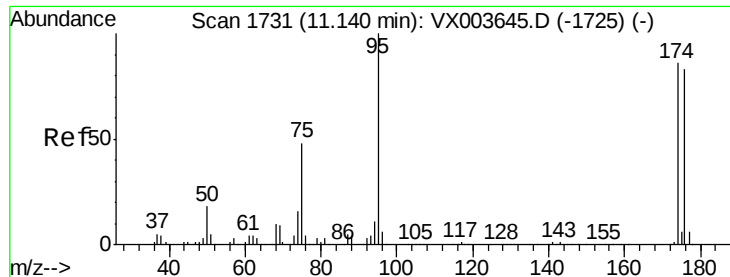
50000

0

8.60 8.70 8.80 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 58.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003683.D

Acq: 26 Jul 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

KY030SP005-180718

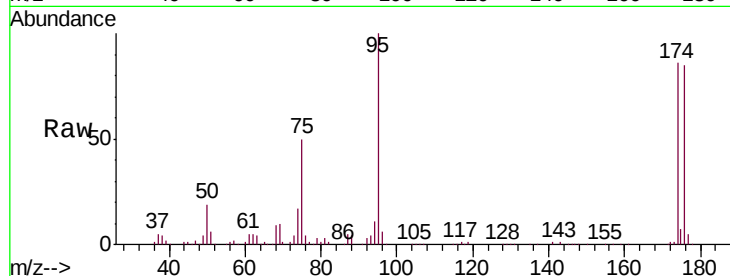
Tot Ion: 95 Resp: 78746

Ion Ratio Lower Upper

95 100

174 89.7 0.0 179.0

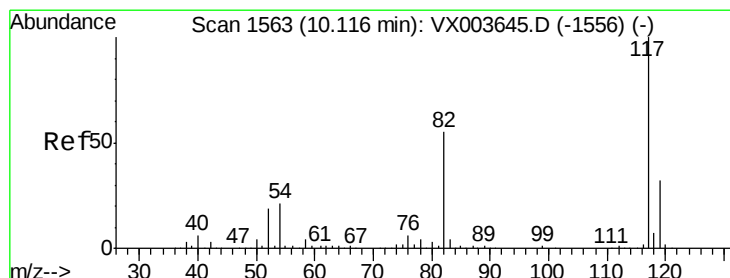
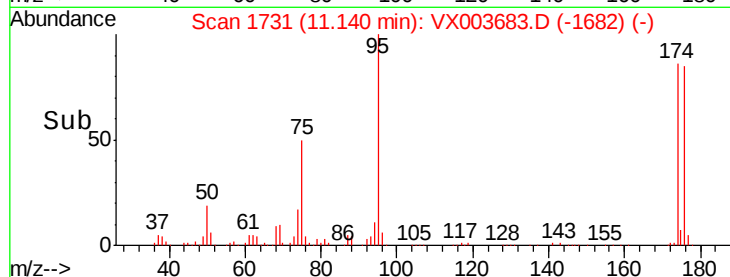
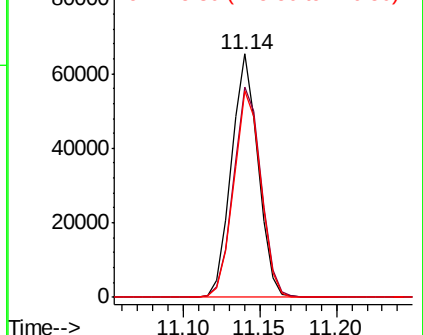
176 86.6 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003683.D

Acq: 26 Jul 2018 21:06

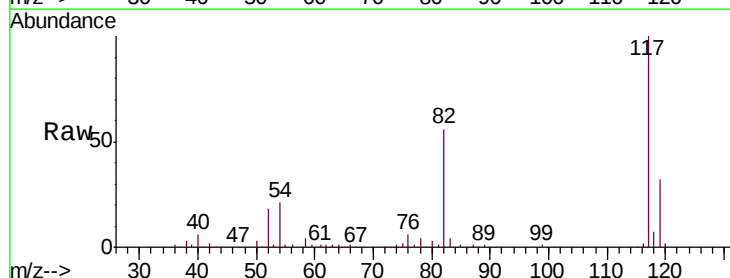
Tgt Ion: 117 Resp: 141381

Ion Ratio Lower Upper

117 100

82 56.1 44.3 66.5

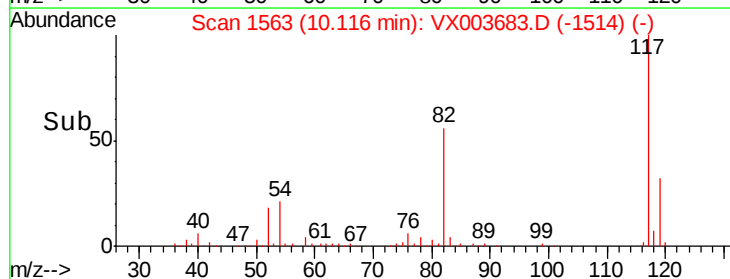
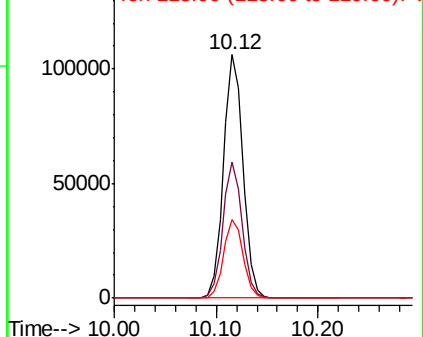
119 32.5 25.6 38.4

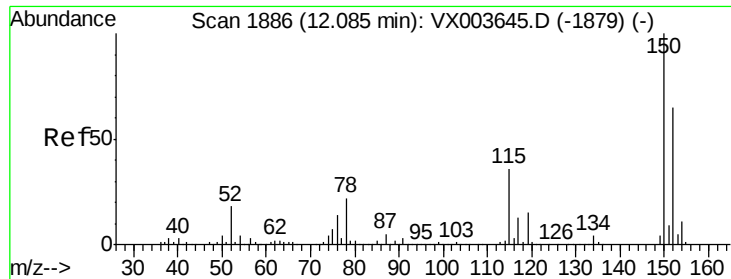


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX003683.D

Acq: 26 Jul 2018 21:06

Instrument :

MSVOA_X

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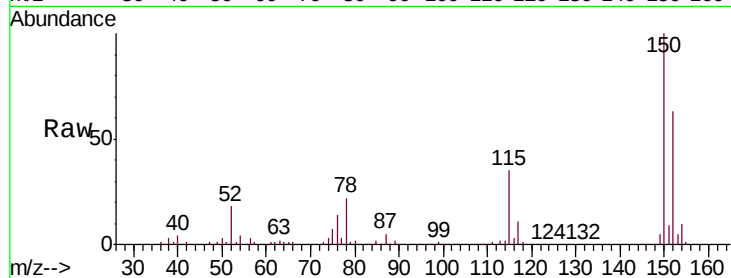
Tot Ion:152 Resp: 67774

Ion Ratio Lower Upper

152 100

115 57.3 40.0 119.9

150 156.9 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

