

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003585.D
 Acq On : 22 Jul 2018 05:54
 Operator : JC/SP
 Sample : J4050-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030SP003-180717

Quant Time: Jul 23 15:15:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	456359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208171	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	159918	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
35) Dibromofluoromethane	5.50	113	155902	44.85	ug/l	0.00
Spiked Amount			Recovery	=	89.70%	
50) Toluene-d8	8.72	98	549457	42.06	ug/l	0.00
Spiked Amount			Recovery	=	84.12%	
62) 4-Bromofluorobenzene	11.14	95	188142	39.46	ug/l	0.00
Spiked Amount			Recovery	=	78.92%	

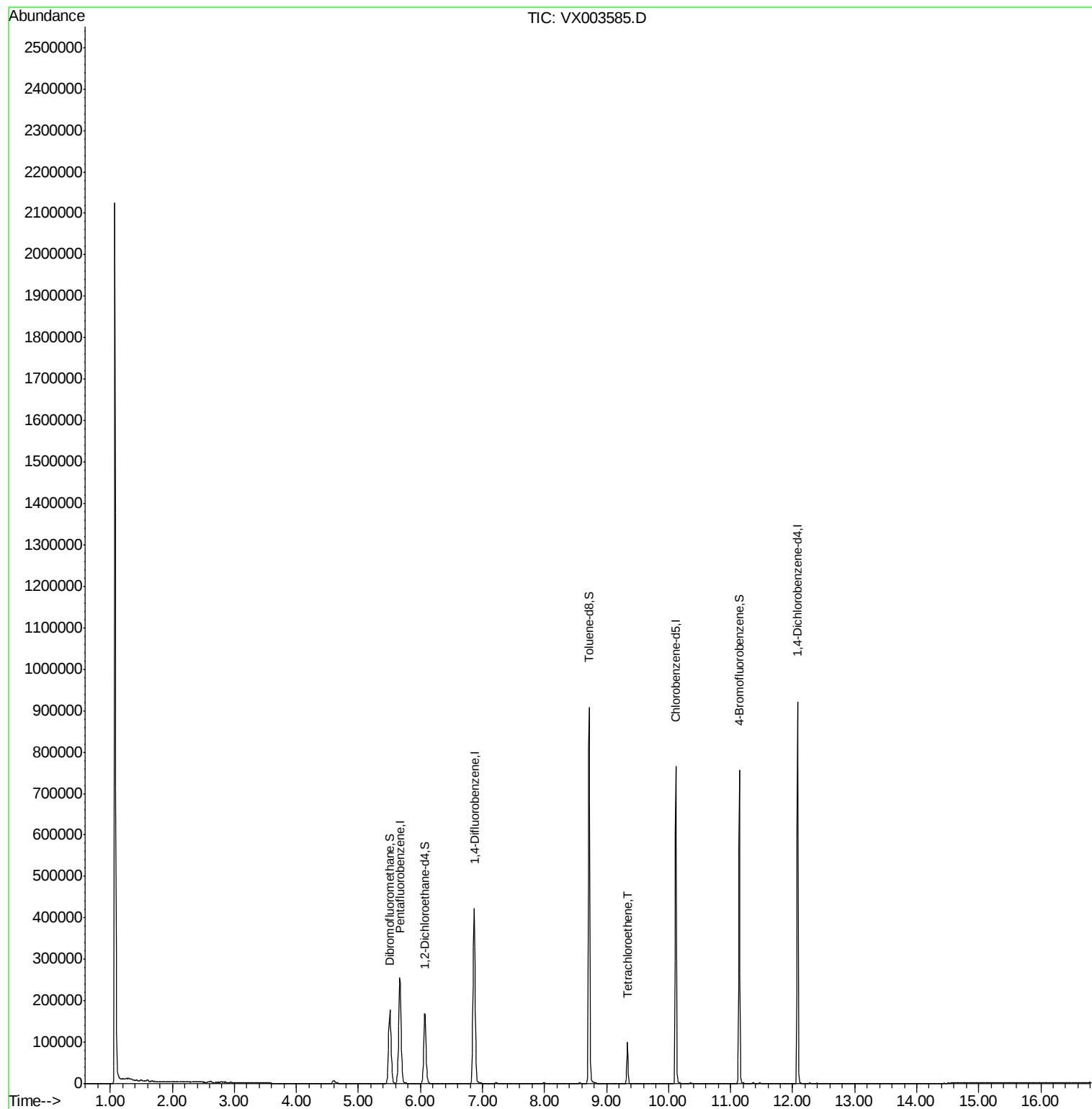
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	9.34	164	20976	4.65	ug/l	98

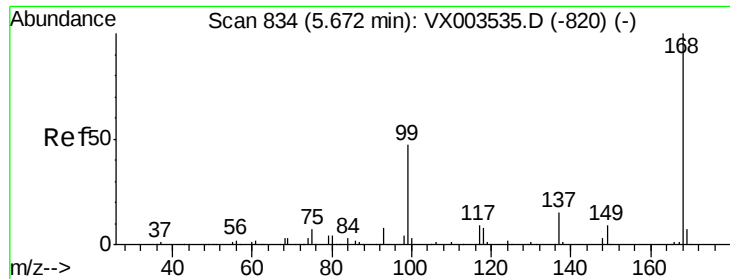
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003585.D

Acq: 22 Jul 2018 05:54

Instrument :

MSVOA_X

ClientSampleId :

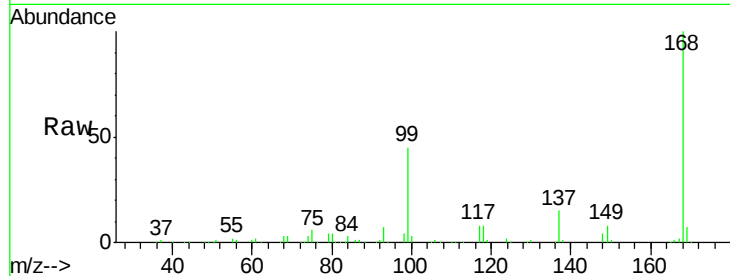
KY030SP003-180717

Tot Ion:168 Resp: 273387

Ion Ratio Lower Upper

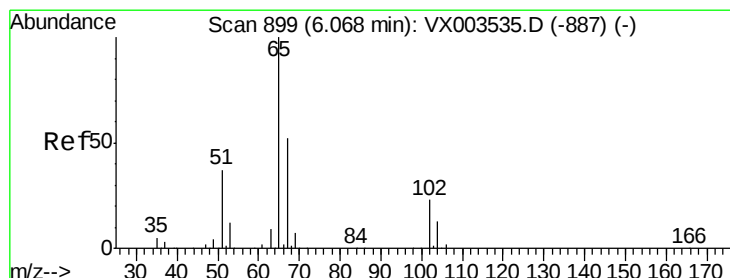
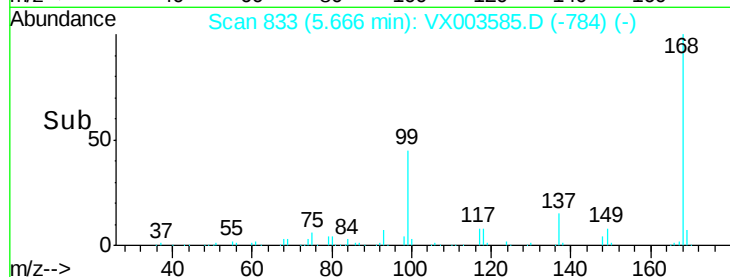
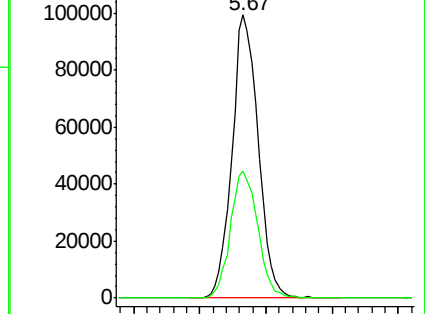
168 100

99 44.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.42 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003585.D

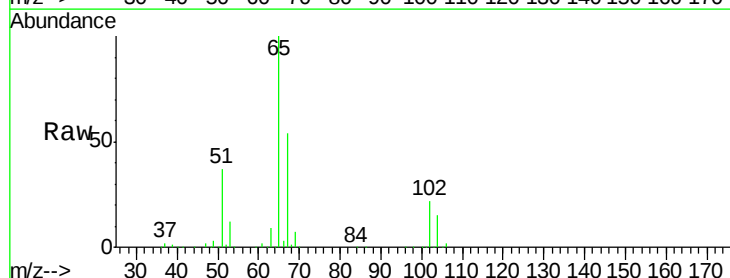
Acq: 22 Jul 2018 05:54

Tgt Ion: 65 Resp: 159918

Ion Ratio Lower Upper

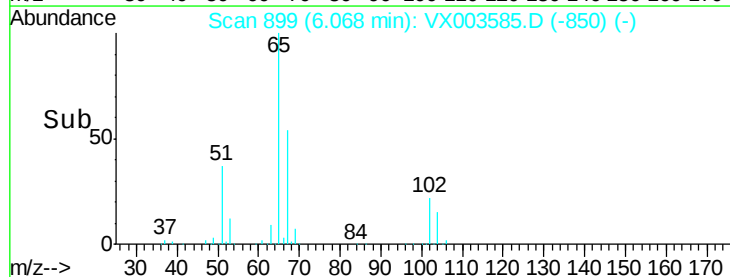
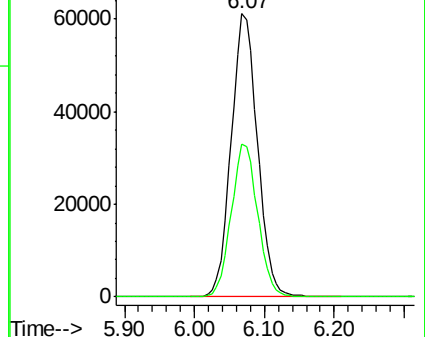
65 100

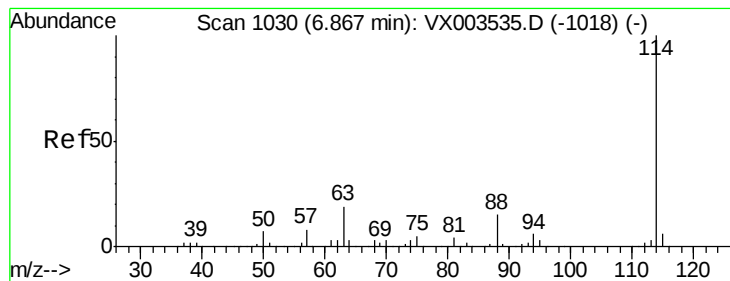
67 54.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003585.D

Acq: 22 Jul 2018 05:54

Instrument :

MSVOA_X

ClientSampleId :

KY030SP003-180717

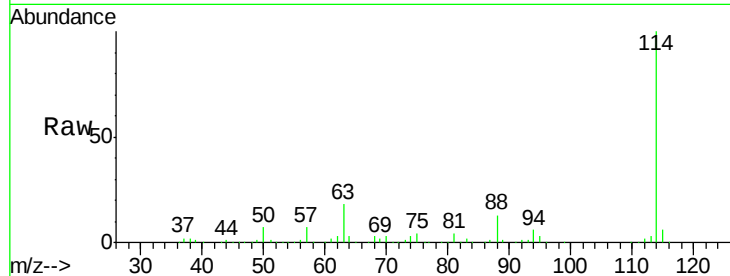
Tot Ion:114 Resp: 456359

Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.4

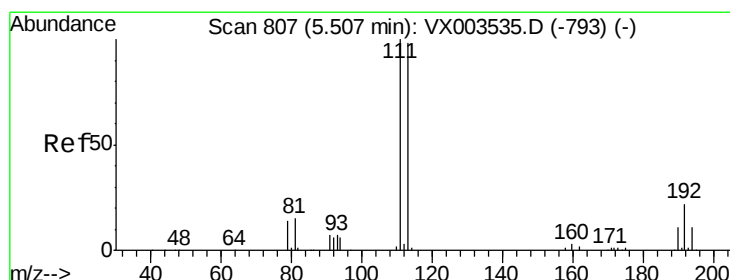
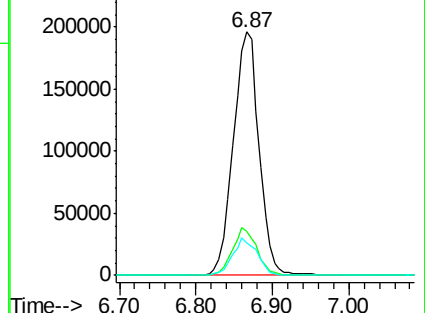
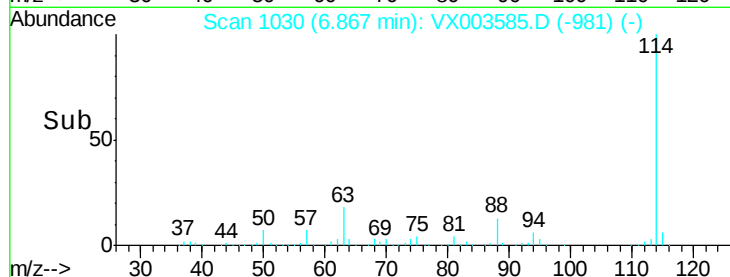
88 13.4 0.0 30.0



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: 44.85 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003585.D

Acq: 22 Jul 2018 05:54

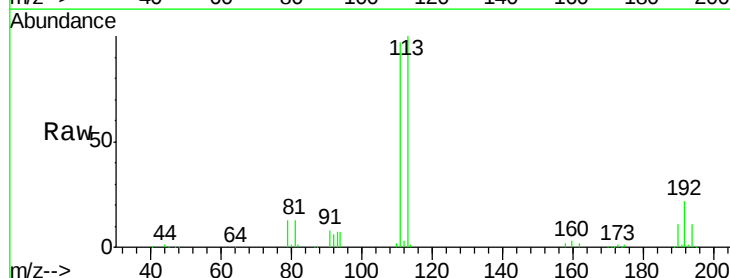
Tgt Ion:113 Resp: 155902

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

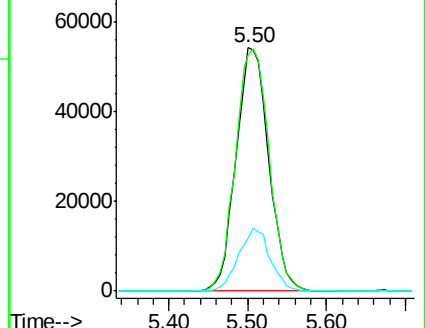
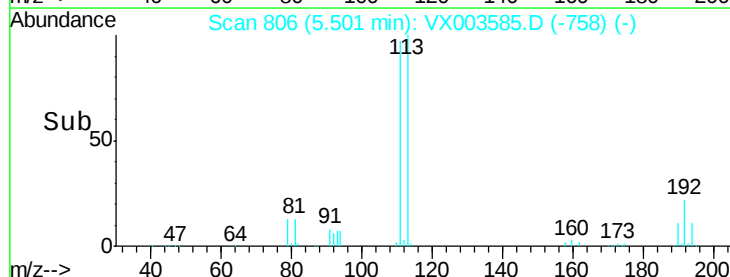
192 25.0 19.1 28.7

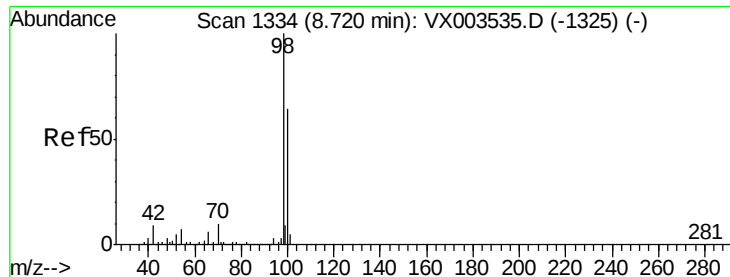


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 42.06 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003585.D

Acq: 22 Jul 2018 05:54

Instrument :

MSVOA_X

ClientSampleId :

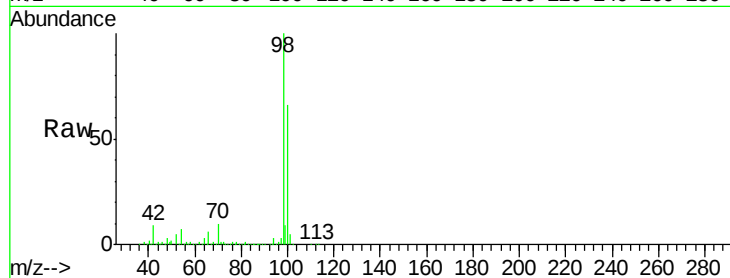
KY030SP003-180717

Tot Ion: 98 Resp: 549457

Ion Ratio Lower Upper

98 100

100 64.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

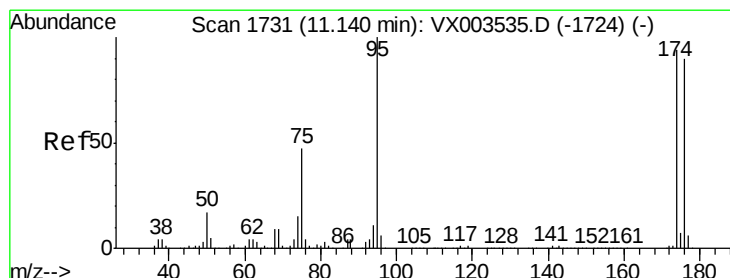
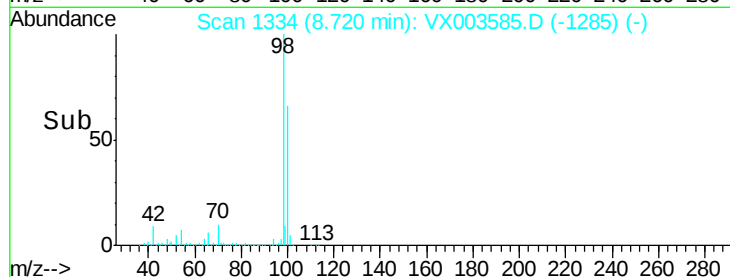
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 39.46 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003585.D

Acq: 22 Jul 2018 05:54

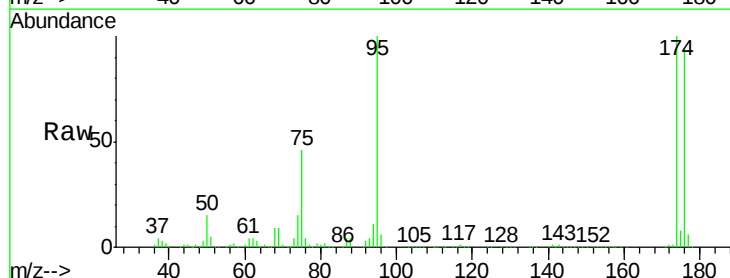
Tgt Ion: 95 Resp: 188142

Ion Ratio Lower Upper

95 100

174 100.2 0.0 187.4

176 95.6 0.0 181.0



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

200000

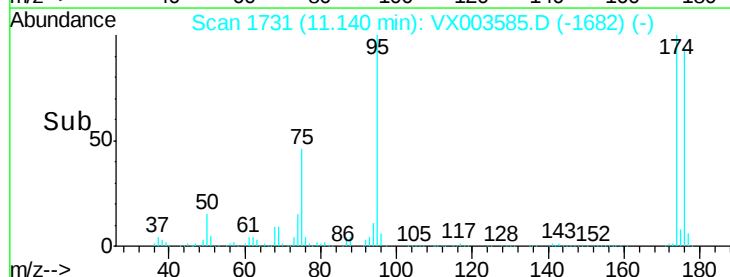
150000

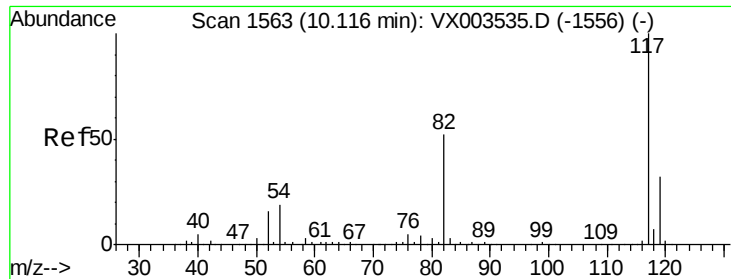
100000

50000

0

Time--> 11.10 11.20

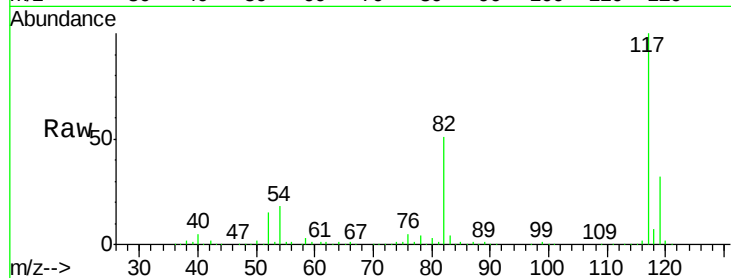




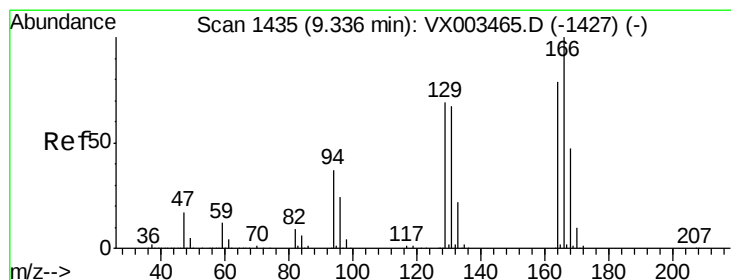
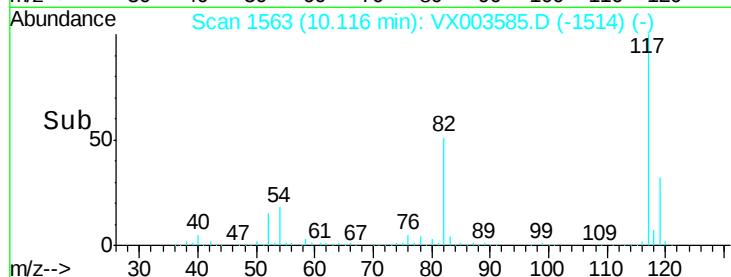
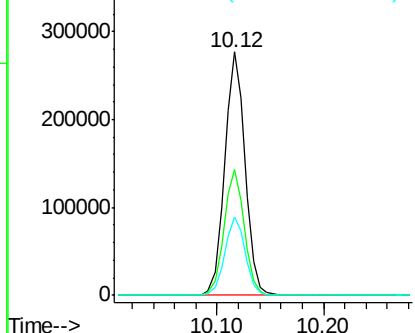
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003585.D
Acq: 22 Jul 2018 05:54

Instrument :
MSVOA_X
ClientSampleId :
KY030SP003-180717

Tot Ion:117 Resp: 369977
Ion Ratio Lower Upper
117 100
82 51.5 45.0 67.4
119 32.4 25.8 38.6



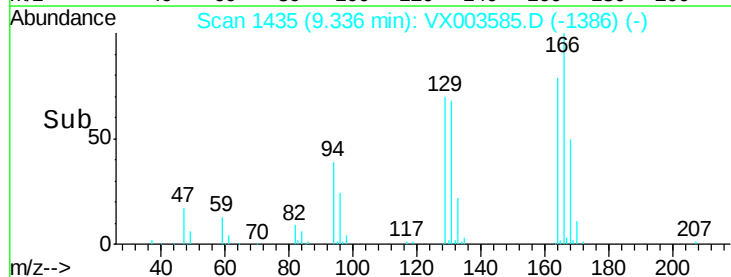
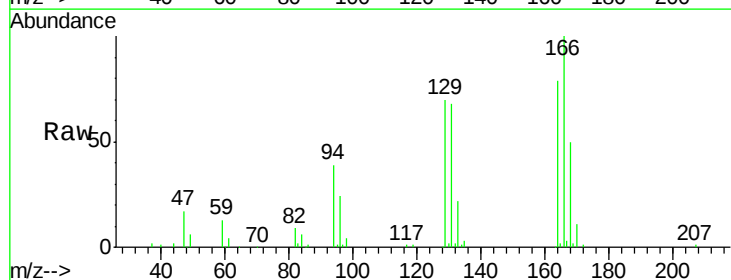
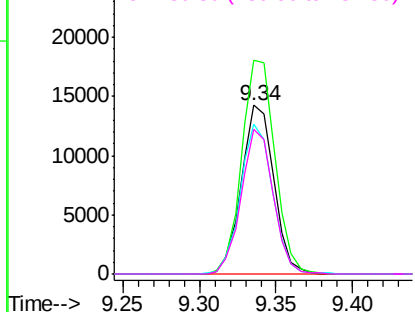
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

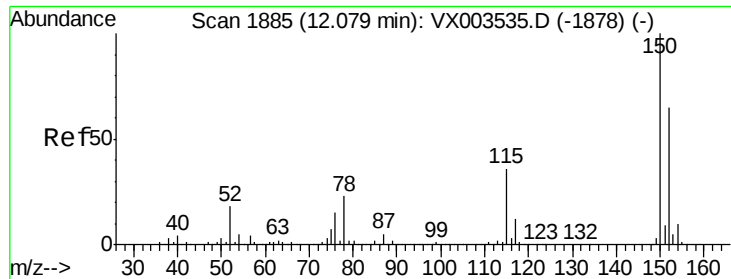


#64
Tetrachloroethene
Concen: 4.65 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003585.D
Acq: 22 Jul 2018 05:54

Tgt Ion:164 Resp: 20976
Ion Ratio Lower Upper
164 100
166 126.5 102.9 154.3
129 88.4 68.6 102.8
131 85.6 66.8 100.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003585.D

Acq: 22 Jul 2018 05:54

Instrument :

MSVOA_X

ClientSampleId :

KY030SP003-180717

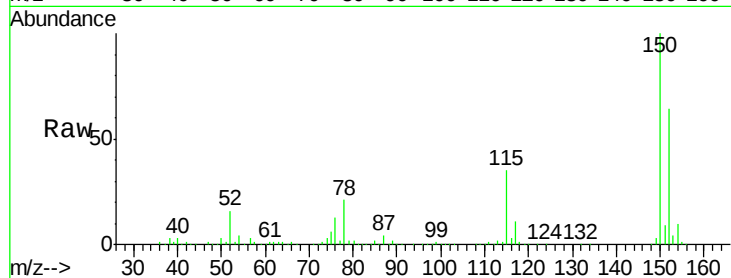
Tot Ion:152 Resp: 208171

Ion Ratio Lower Upper

152 100

115 52.9 40.1 120.2

150 156.0 0.0 347.2



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

