

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005935.D
 Acq On : 13 Nov 2018 07:32
 Operator : JC/MD
 Sample : J5907-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-D

Quant Time: Nov 13 12:10:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

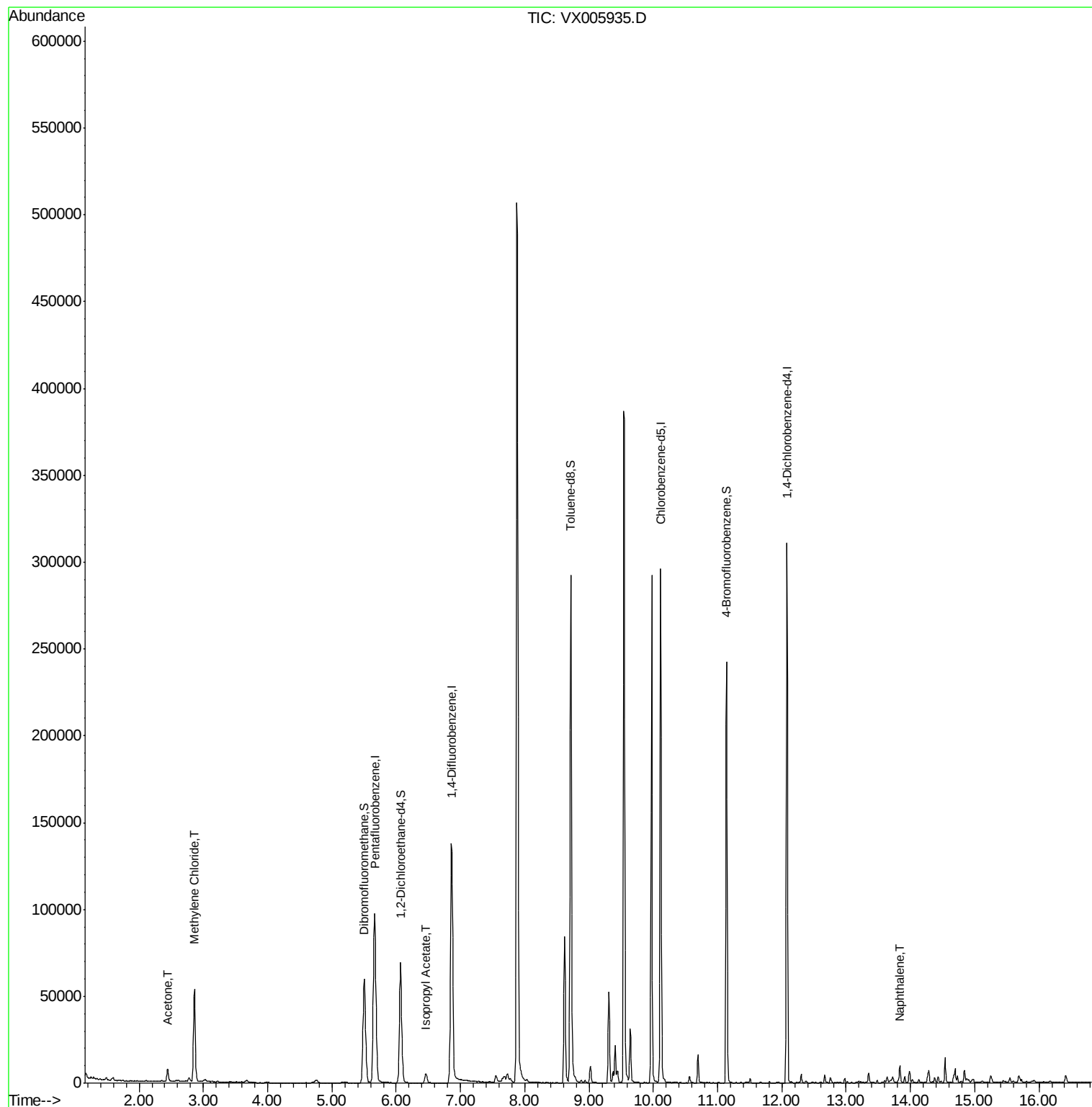
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	102765	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	142062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	135587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	63949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	63518	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
35) Dibromofluoromethane	5.50	113	49962	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
50) Toluene-d8	8.71	98	183337	57.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.14%	
62) 4-Bromofluorobenzene	11.14	95	59930	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
Target Compounds						
16) Acetone	2.45	43	8085	12.710	ug/l	100
20) Methylene Chloride	2.86	84	22222	21.267	ug/l #	84
43) Isopropyl Acetate	6.46	43	7176	2.750	ug/l	98
95) Naphthalene	13.83	128	6035	2.458	ug/l #	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005935.D

Acq: 13 Nov 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

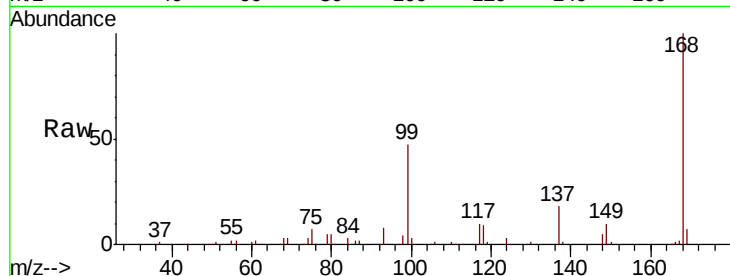
TP-3-D

Tot Ion:168 Resp: 102765

Ion Ratio Lower Upper

168 100

99 47.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

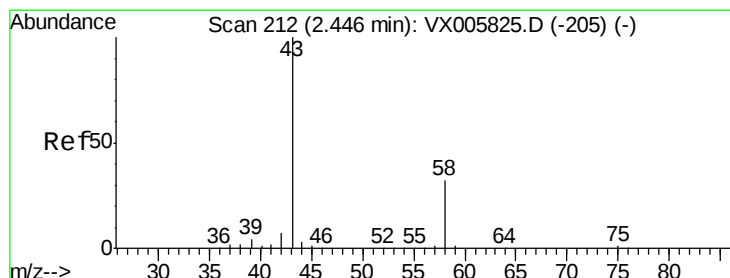
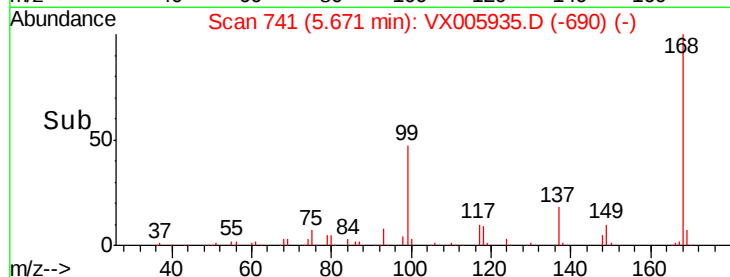
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.710 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005935.D

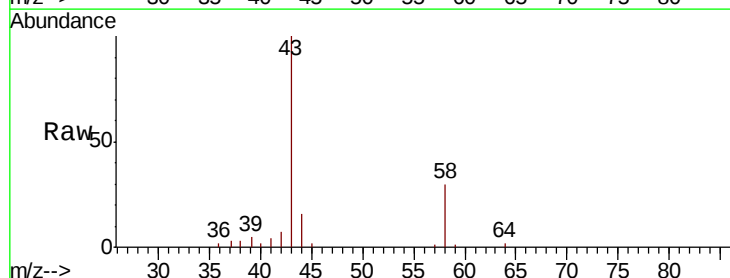
Acq: 13 Nov 2018 07:32

Tgt Ion: 43 Resp: 8085

Ion Ratio Lower Upper

43 100

58 29.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

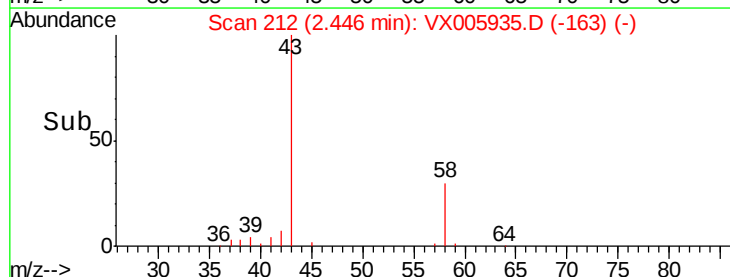
3000

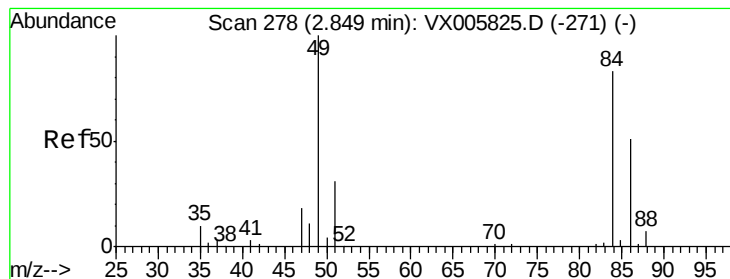
2000

1000

0

Time--> 2.30 2.40 2.50 2.60





#20

Methylene Chloride

Concen: 21.267 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005935.D

Acq: 13 Nov 2018 07:32

Instrument :

MSVOA_X

ClientSampled :

TP-3-D

Tot Ion: 84 Resp: 22222

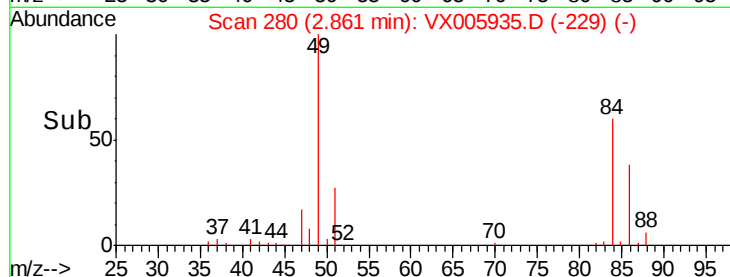
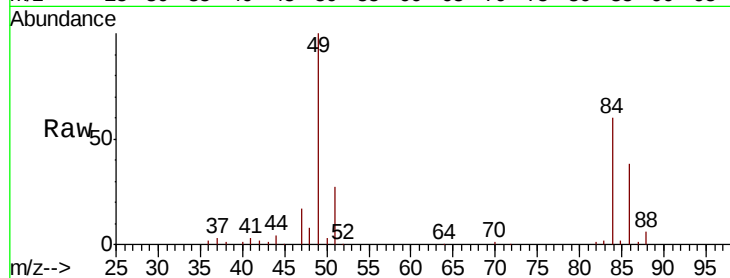
Ion Ratio Lower Upper

84 100

49 167.3 109.5 164.3#

51 45.4 33.3 49.9

86 63.6 52.7 79.1



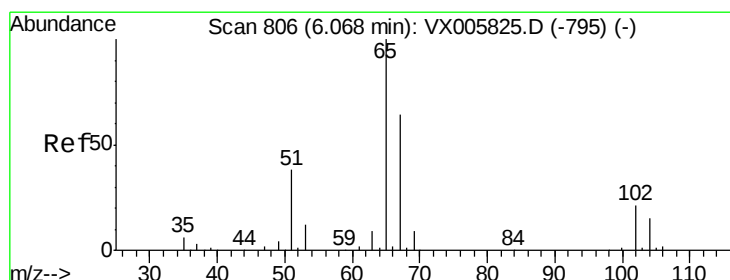
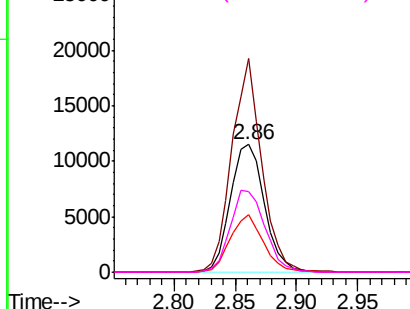
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.764 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005935.D

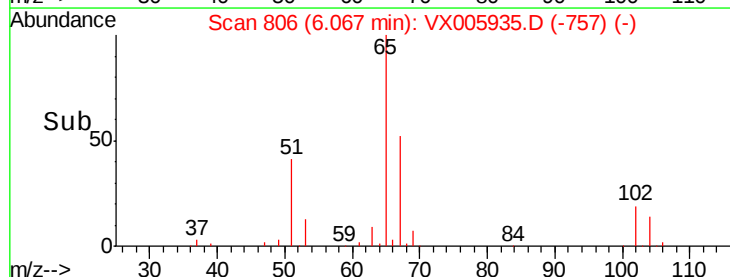
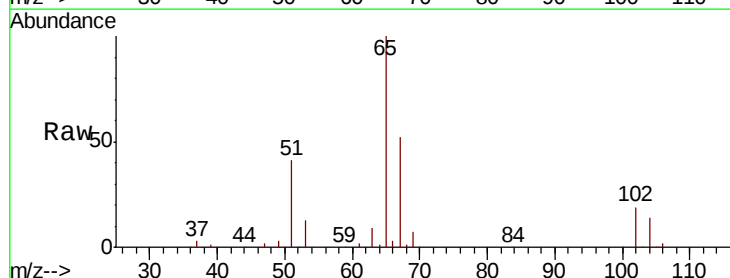
Acq: 13 Nov 2018 07:32

Tgt Ion: 65 Resp: 63518

Ion Ratio Lower Upper

65 100

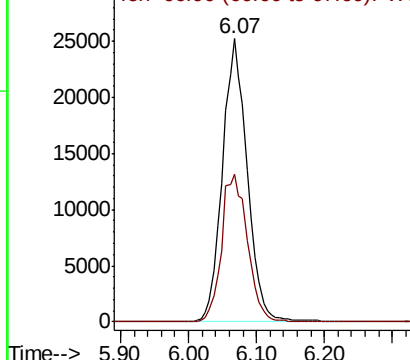
67 54.4 0.0 105.0

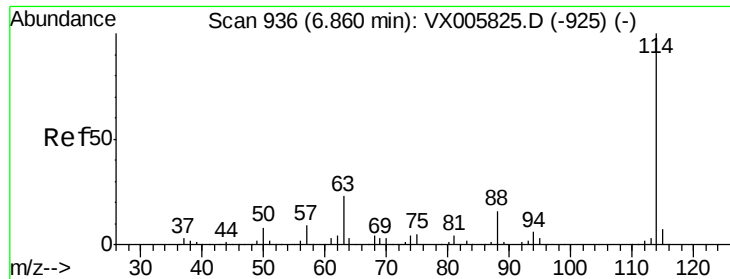


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

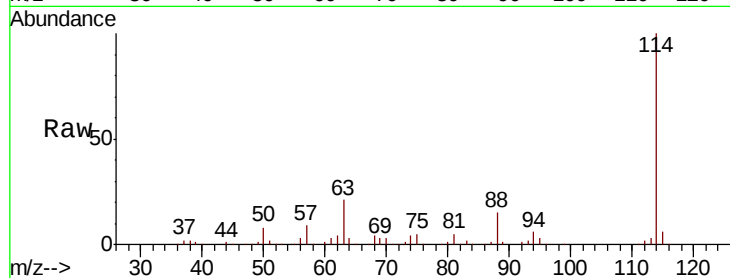




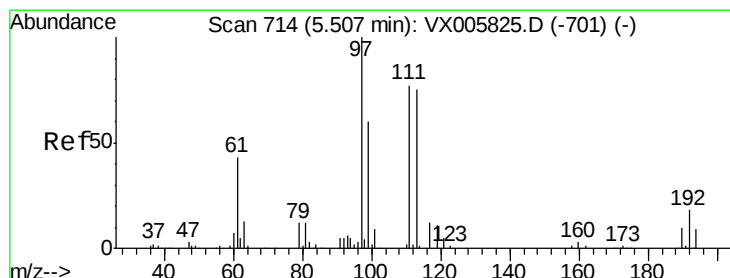
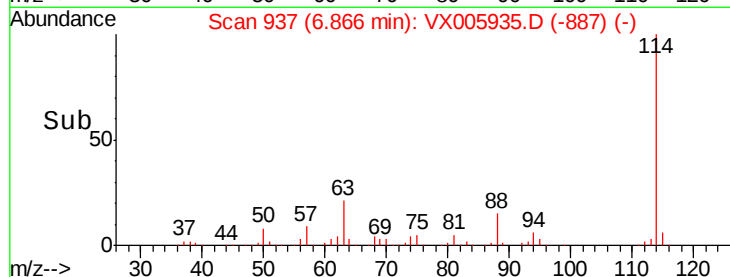
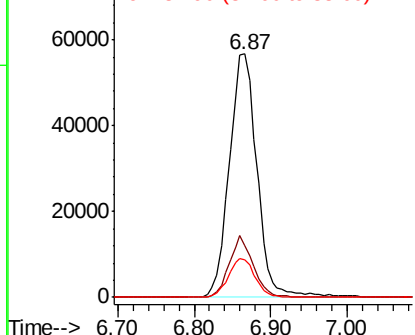
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005935.D
Acq: 13 Nov 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
TP-3-D

Tot Ion:114 Resp: 142062
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.8
88 15.3 0.0 31.2

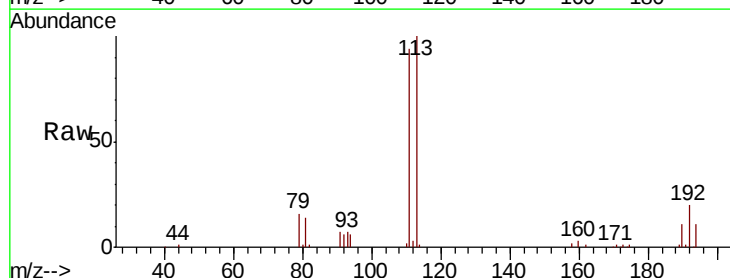


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

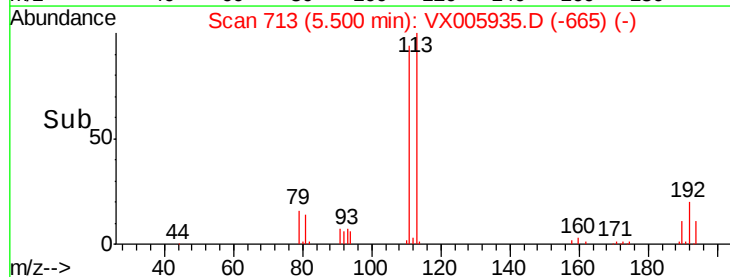
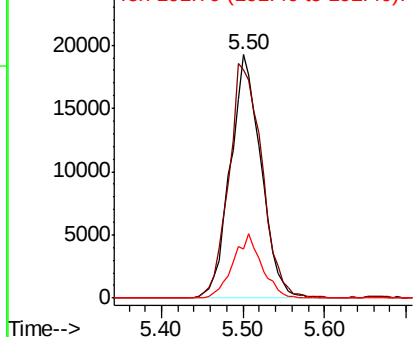


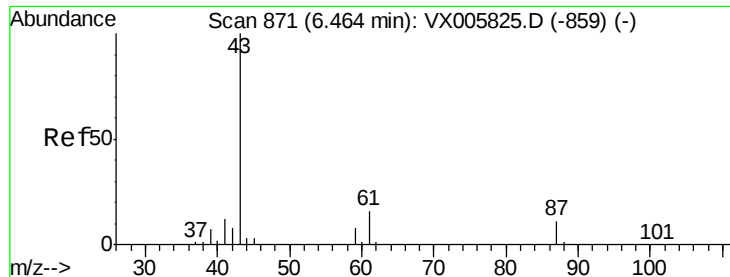
#35
Dibromofluoromethane
Concen: 51.708 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX005935.D
Acq: 13 Nov 2018 07:32

Tgt Ion:113 Resp: 49962
Ion Ratio Lower Upper
113 100
111 103.6 82.3 123.5
192 24.6 17.9 26.9



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





#43

Isopropyl Acetate

Concen: 2.750 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005935.D

Acq: 13 Nov 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

TP-3-D

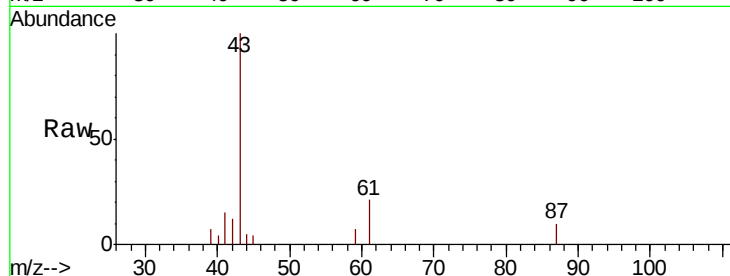
Tot Ion: 43 Resp: 7176

Ion Ratio Lower Upper

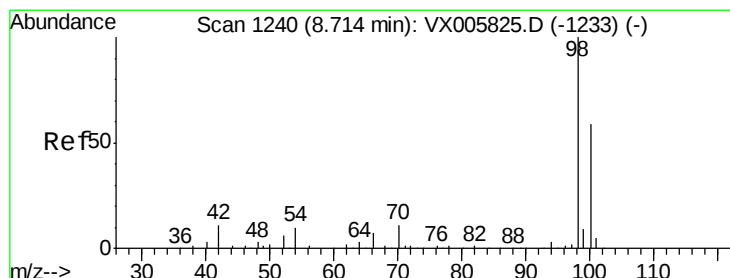
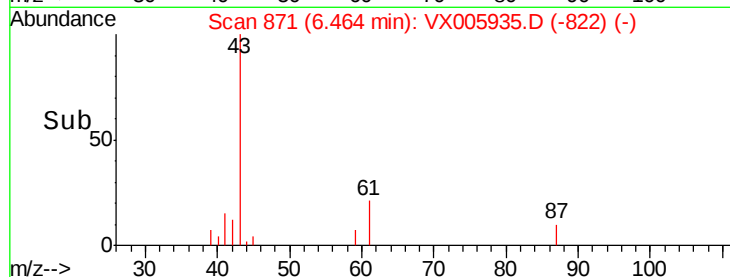
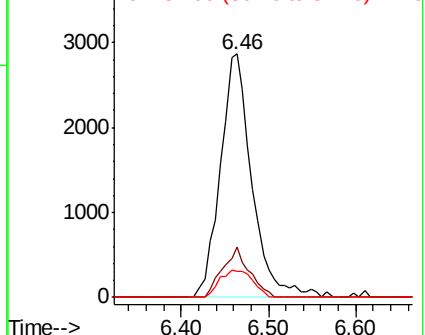
43 100

61 17.3 14.6 22.0

87 11.5 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 57.073 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005935.D

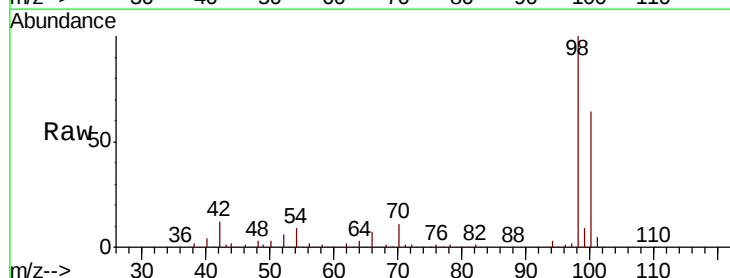
Acq: 13 Nov 2018 07:32

Tgt Ion: 98 Resp: 183337

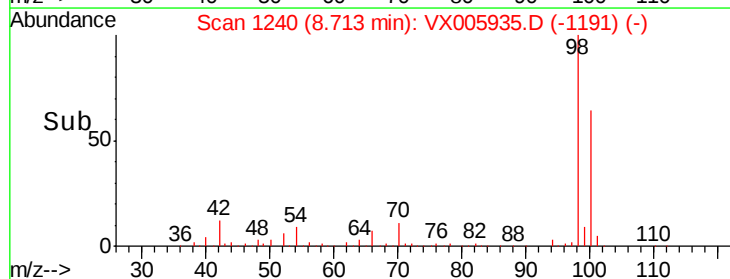
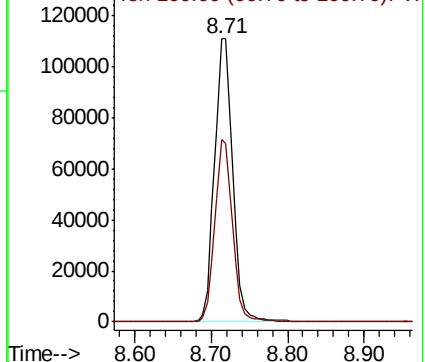
Ion Ratio Lower Upper

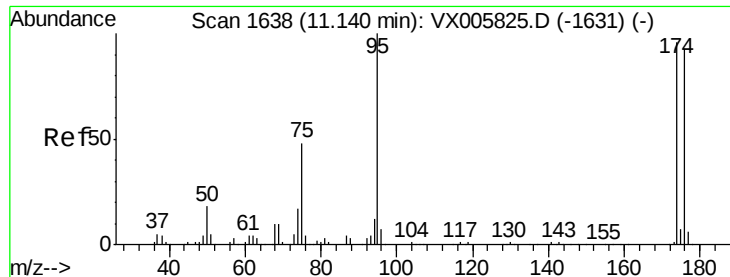
98 100

100 62.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.890 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005935.D

Acq: 13 Nov 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

TP-3-D

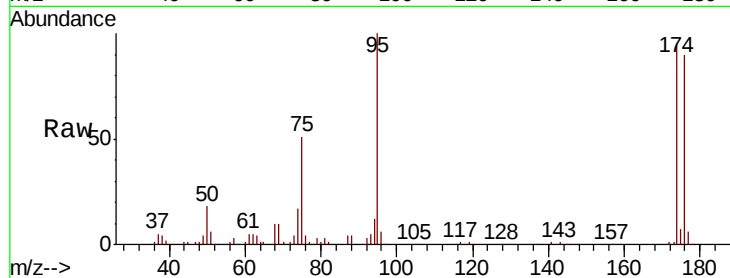
Tot Ion: 95 Resp: 59930

Ion Ratio Lower Upper

95 100

174 92.6 0.0 184.4

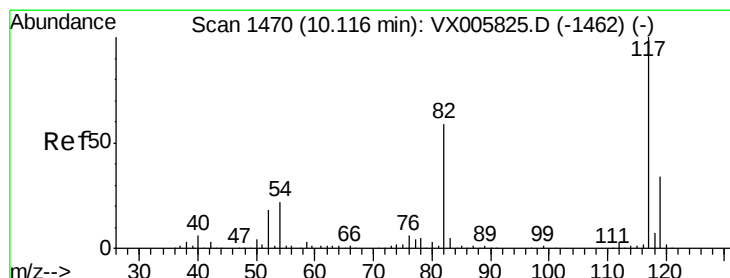
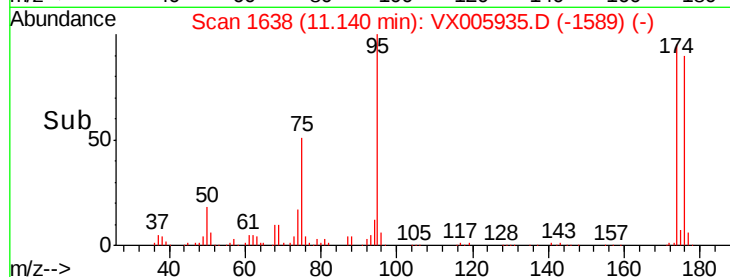
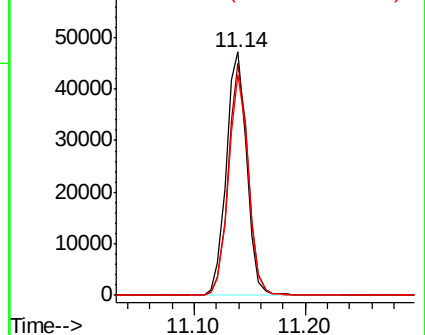
176 88.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005825.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005825.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005825.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005935.D

Acq: 13 Nov 2018 07:32

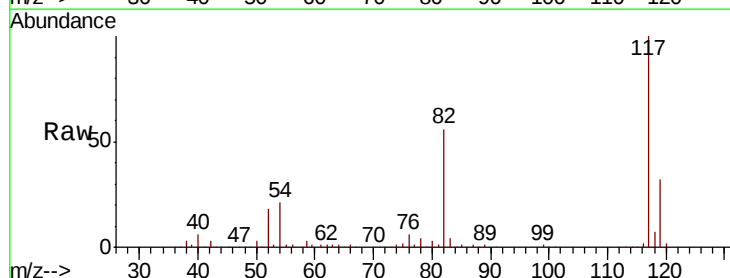
Tgt Ion: 117 Resp: 135587

Ion Ratio Lower Upper

117 100

82 56.3 44.1 66.1

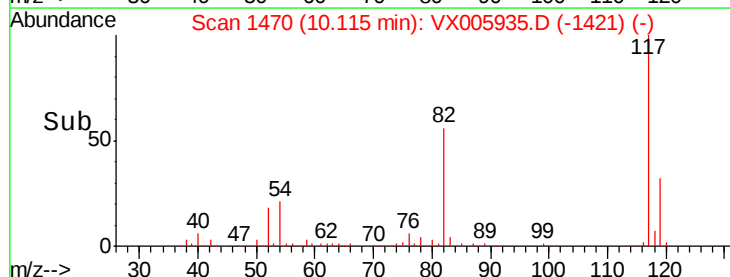
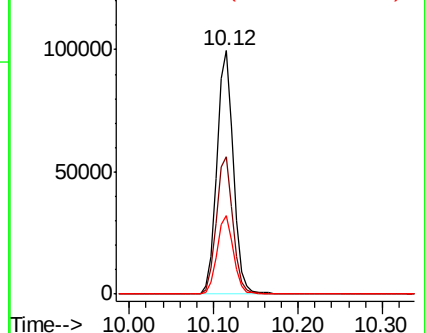
119 32.5 26.2 39.2

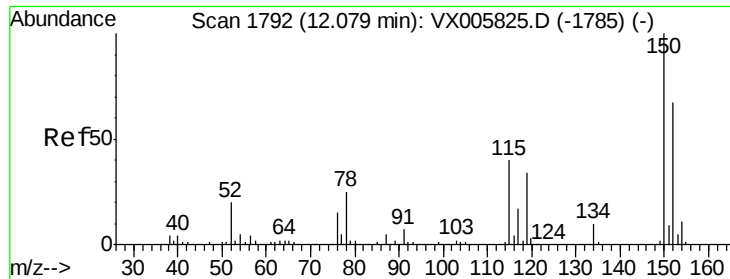


Abundance Ion 116.90 (116.60 to 117.60): VX005825.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005825.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005825.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005935.D

Acq: 13 Nov 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

TP-3-D

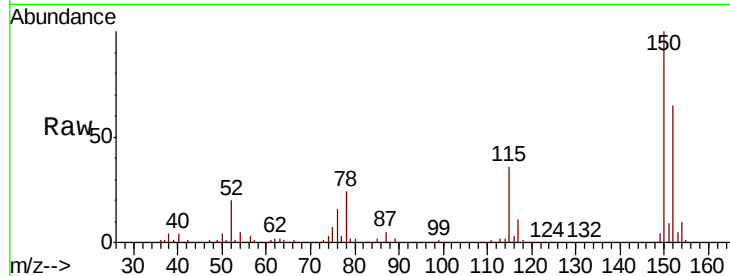
Tot Ion:152 Resp: 63949

Ion Ratio Lower Upper

152 100

115 55.4 39.4 118.1

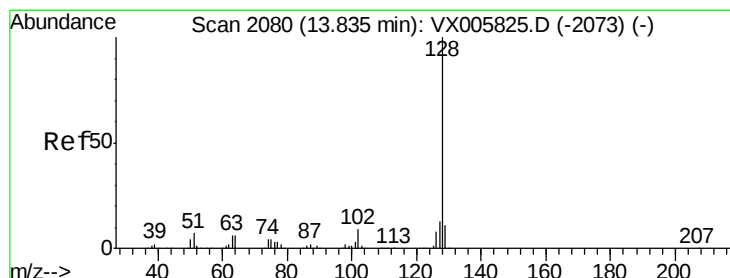
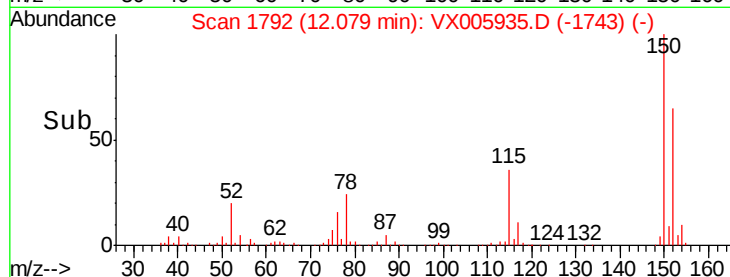
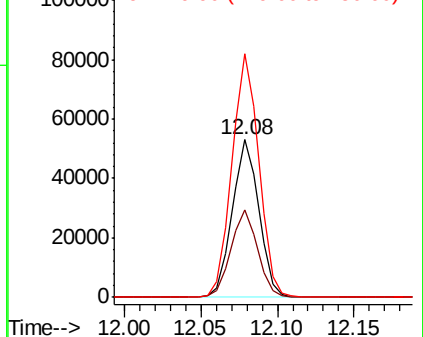
150 156.0 0.0 346.4



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



#95

Naphthalene

Concen: 2.458 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005935.D

Acq: 13 Nov 2018 07:32

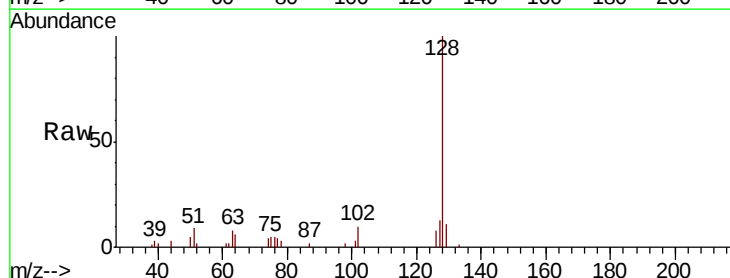
Tgt Ion:128 Resp: 6035

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 13.4 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

