

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003806.D
 Acq On : 01 Aug 2018 20:30
 Operator : JC/SP
 Sample : J4121-04RE
 Misc : 10.46G/5.0mL/MSVOA X/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(10-12)RE

Quant Time: Aug 02 07:39:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

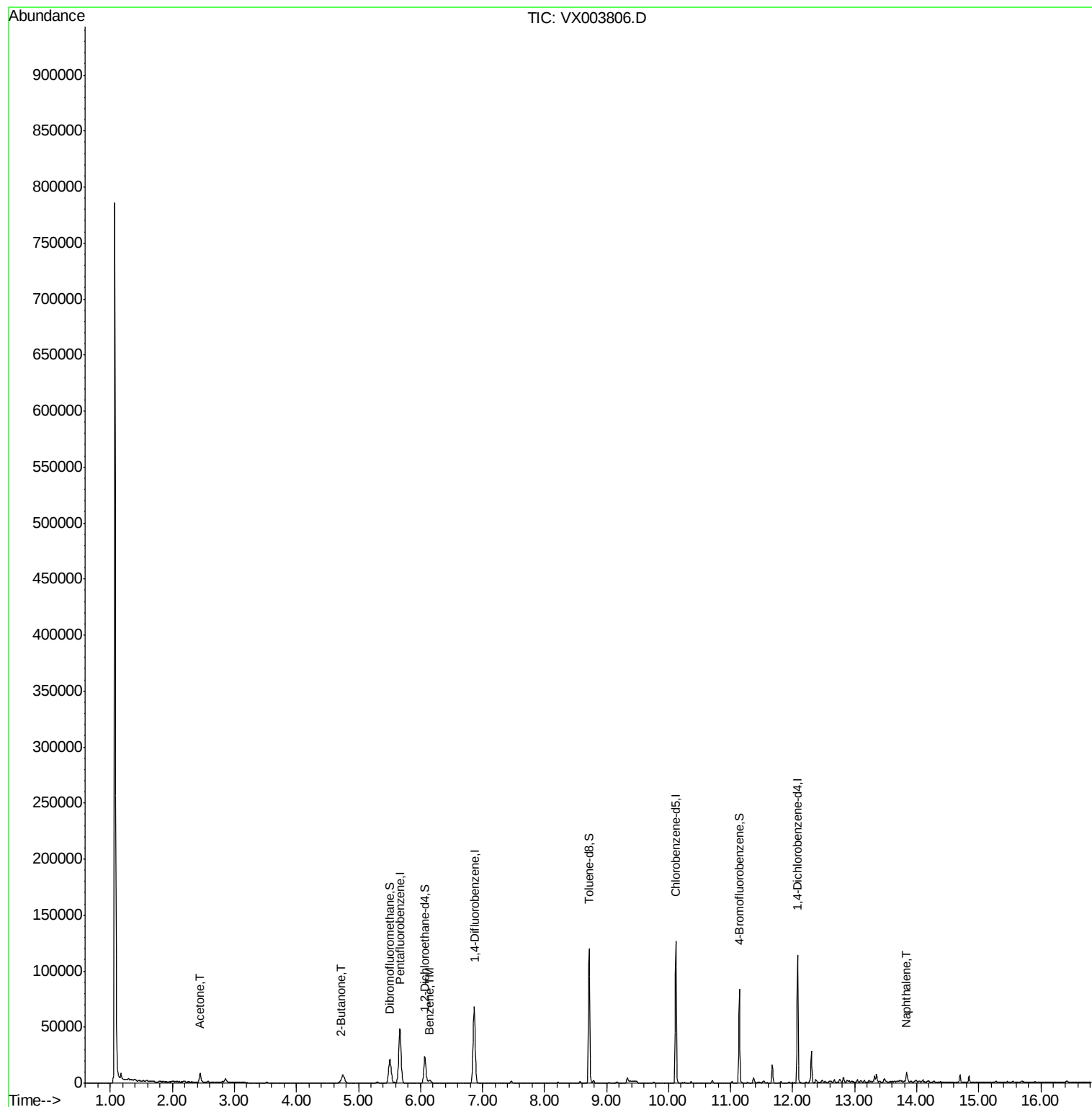
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	50306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	70484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	59287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	24935	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	21463	42.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.38%	
35) Dibromofluoromethane	5.51	113	18738	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
50) Toluene-d8	8.72	98	71278	41.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.38%	
62) 4-Bromofluorobenzene	11.14	95	21067	33.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.04%	
Target Compounds						
16) Acetone	2.45	43	8667	44.597	ug/l	97
25) 2-Butanone	4.71	43	2666	9.410	ug/l #	85
40) Benzene	6.15	78	3239	1.712	ug/l	95
95) Naphthalene	13.83	128	5861	4.510	ug/l	97

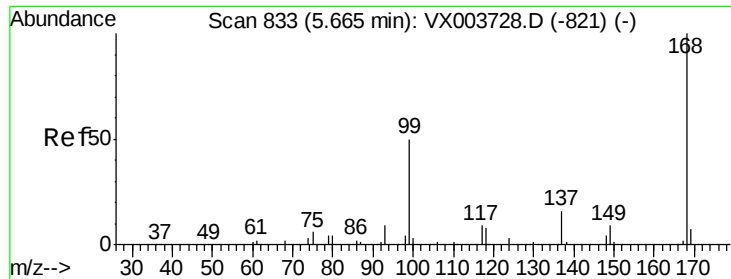
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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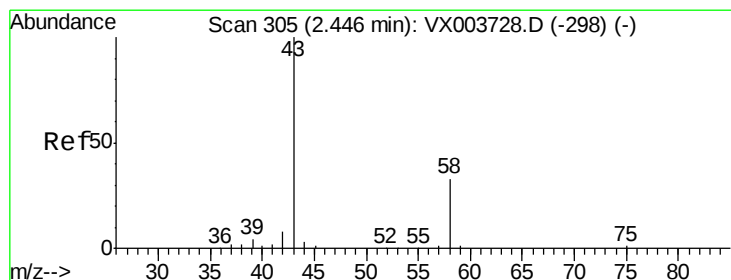
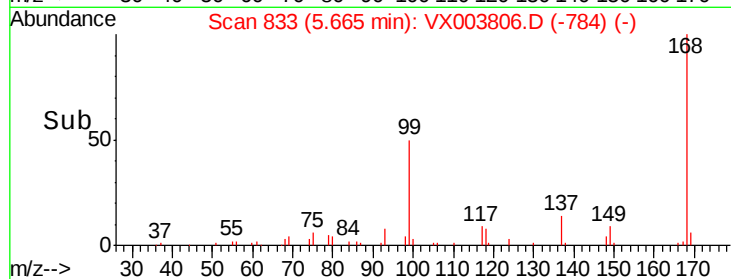
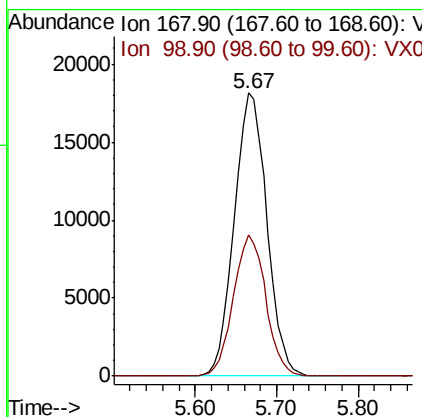
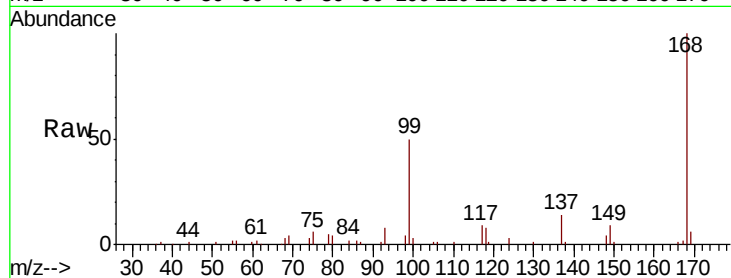




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX003806.D
Acq: 01 Aug 2018 20:30

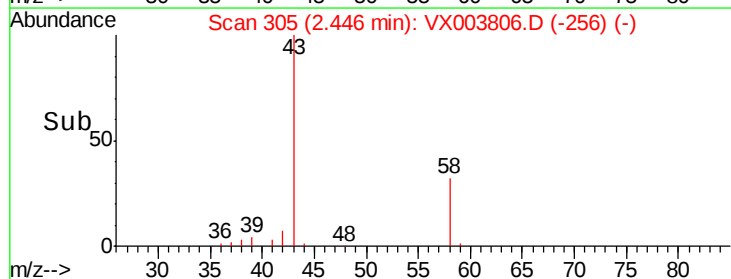
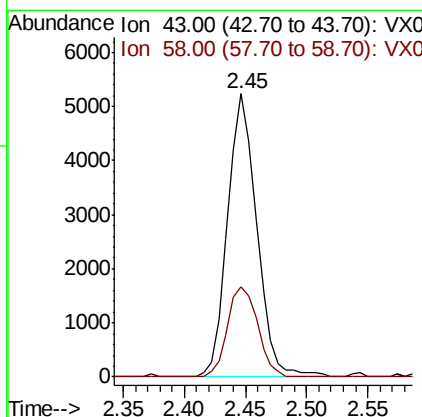
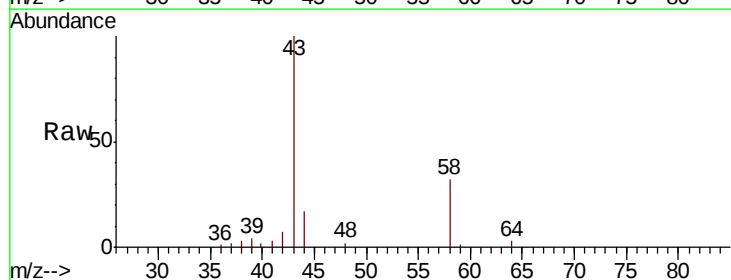
Instrument :
MSVOA_X
ClientSampleId :
SB-8(10-12)RE

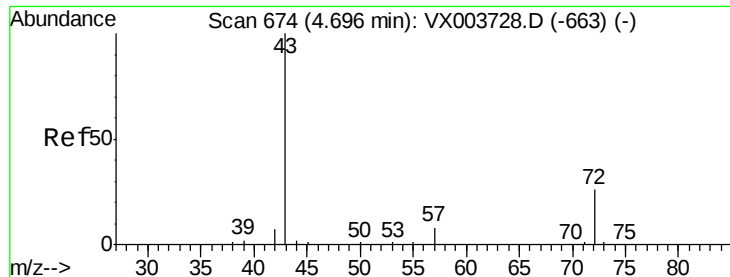
Tot Ion:168 Resp: 50306
Ion Ratio Lower Upper
168 100
99 49.9 40.2 60.2



#16
Acetone
Concen: 44.597 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003806.D
Acq: 01 Aug 2018 20:30

Tgt Ion: 43 Resp: 8667
Ion Ratio Lower Upper
43 100
58 32.0 26.7 40.1





#25

2-Butanone

Concen: 9.410 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX003806.D

Acq: 01 Aug 2018 20:30

Instrument :

MSVOA_X

ClientSampled :

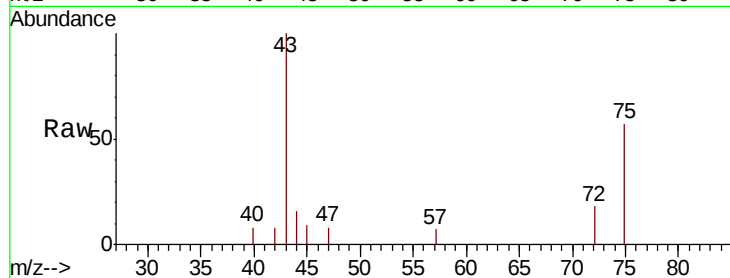
SB-8(10-12)RE

Tot Ion: 43 Resp: 2666

Ion Ratio Lower Upper

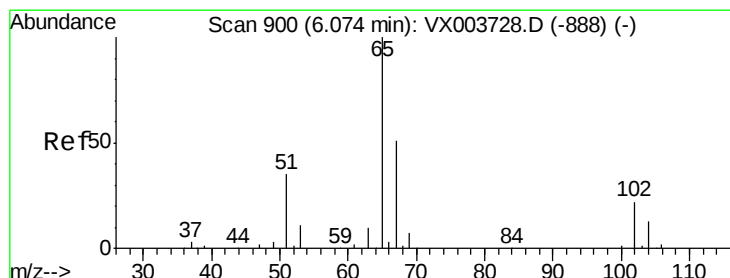
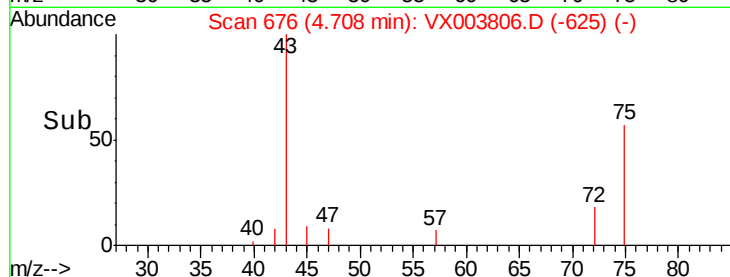
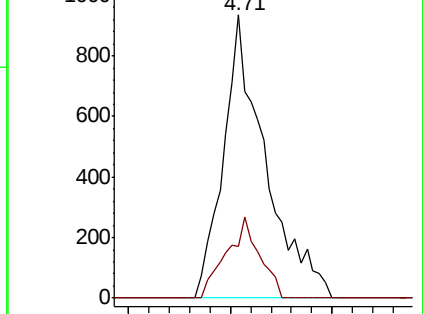
43 100

72 18.4 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 42.185 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003806.D

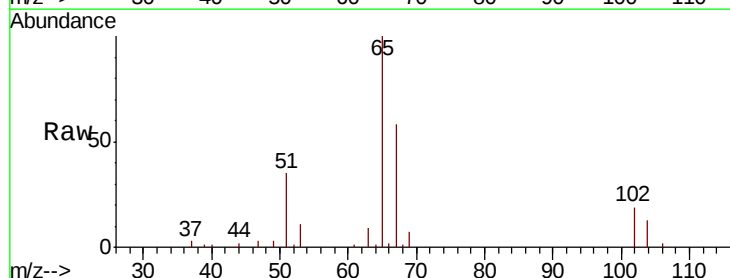
Acq: 01 Aug 2018 20:30

Tgt Ion: 65 Resp: 21463

Ion Ratio Lower Upper

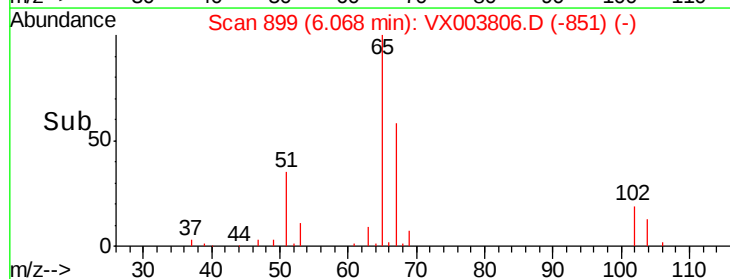
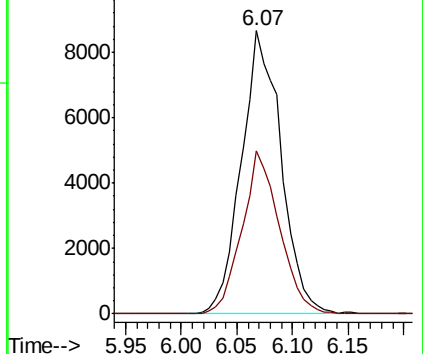
65 100

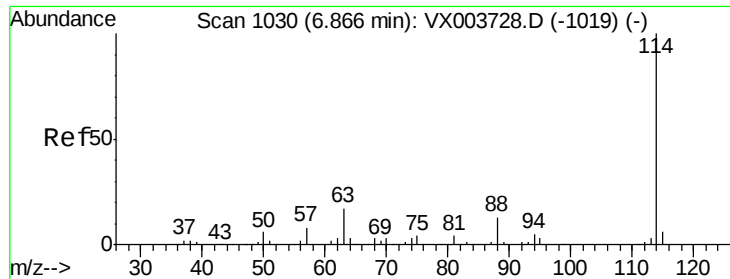
67 54.4 0.0 107.0



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# 1030

Delta R.T. -0.00 min

Lab File: VX003806.D

Acq: 01 Aug 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

SB-8(10-12)RE

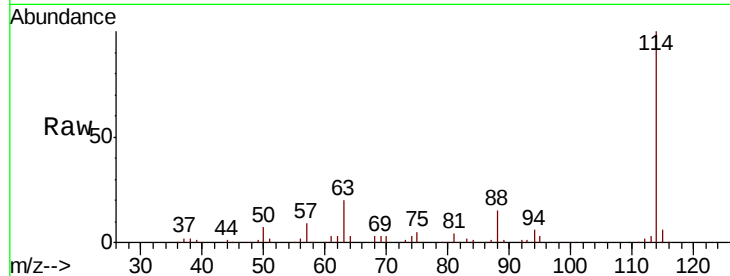
Tot Ion:114 Resp: 70484

Ion Ratio Lower Upper

114 100

63 19.7 0.0 34.0

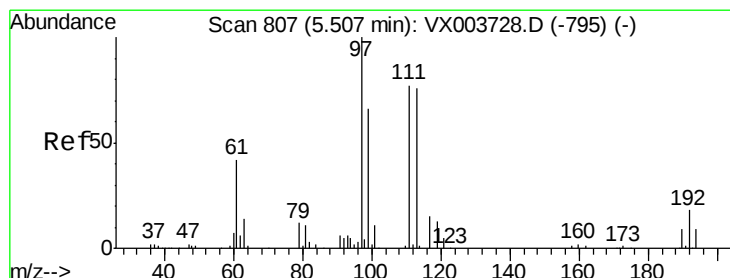
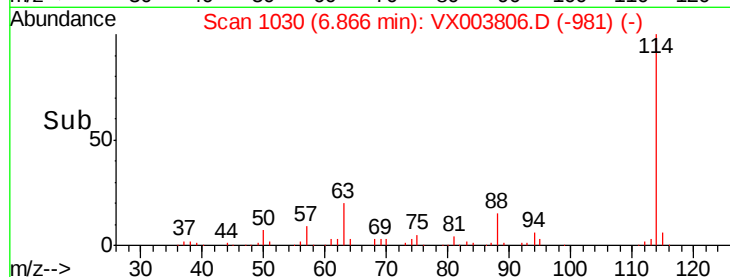
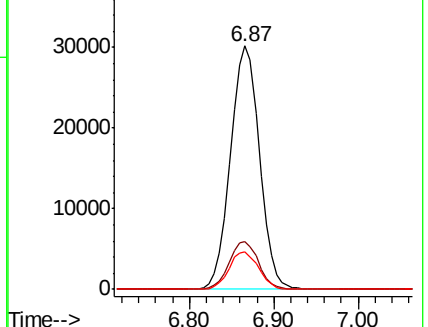
88 15.3 0.0 26.4



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: 45.149 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003806.D

Acq: 01 Aug 2018 20:30

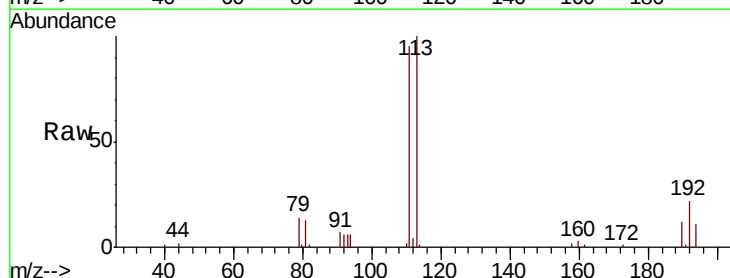
Tgt Ion:113 Resp: 18738

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.6

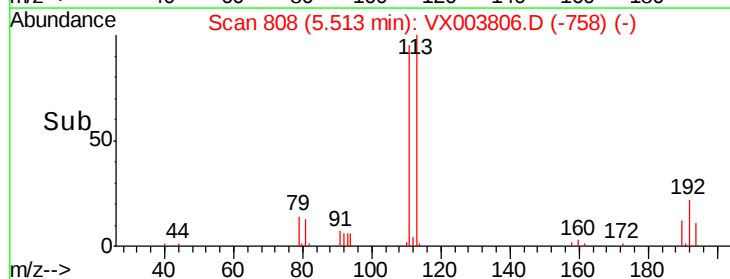
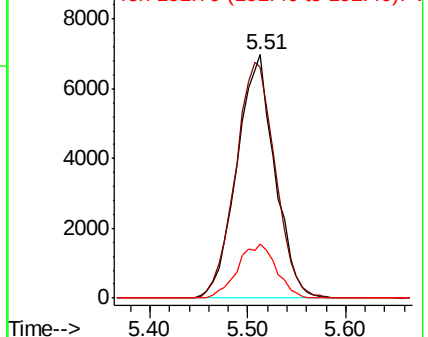
192 22.6 18.8 28.2

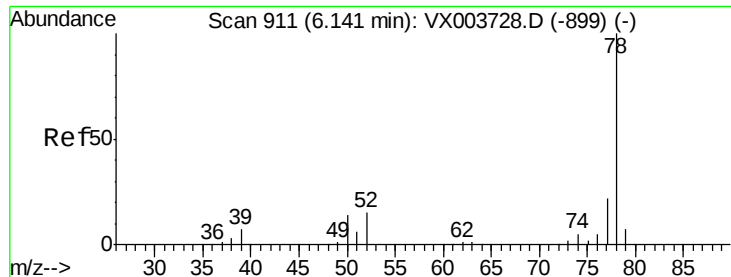


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

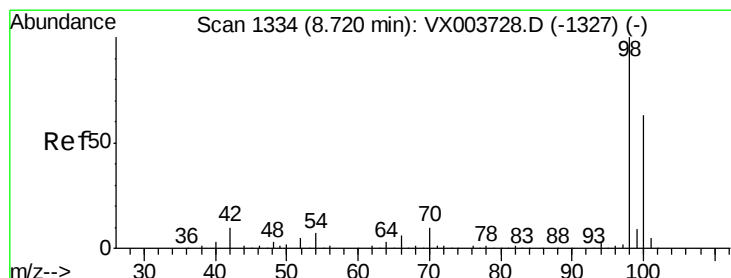
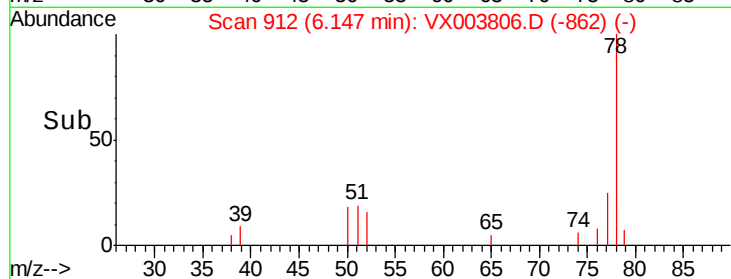
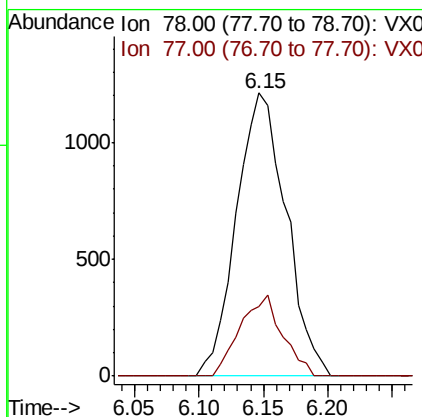
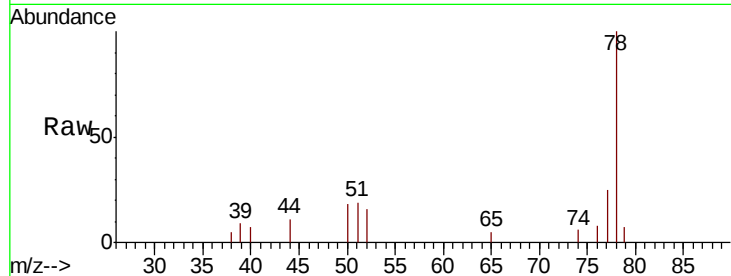




#40
Benzene
Concen: 1.712 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003806.D
Acq: 01 Aug 2018 20:30

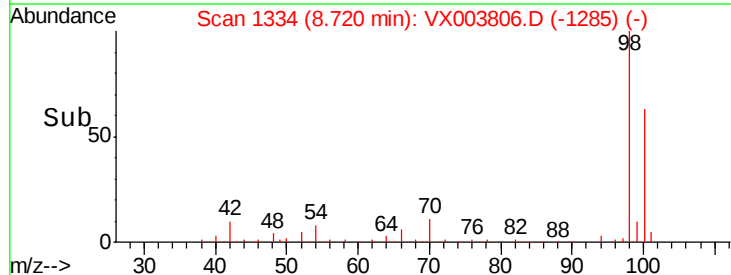
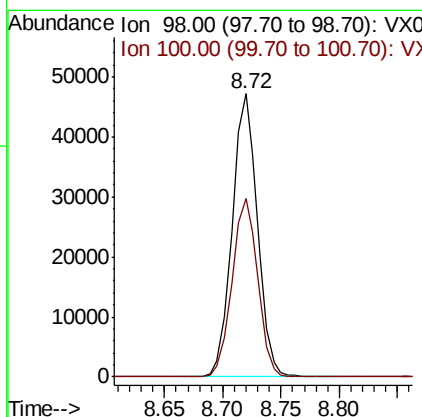
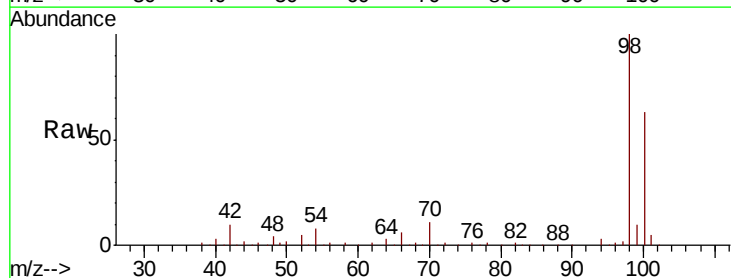
Instrument :
MSVOA_X
ClientSampleId :
SB-8(10-12)RE

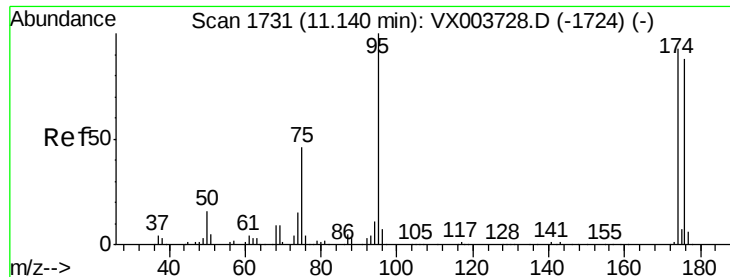
Tot Ion: 78 Resp: 3239
Ion Ratio Lower Upper
78 100
77 24.6 17.9 26.9



#50
Toluene-d8
Concen: 41.192 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003806.D
Acq: 01 Aug 2018 20:30

Tgt Ion: 98 Resp: 71278
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 33.020 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003806.D

Acq: 01 Aug 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

SB-8(10-12)RE

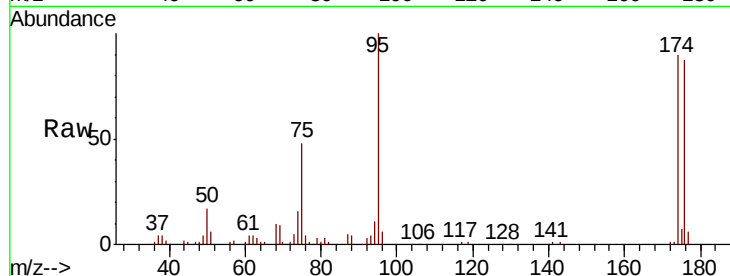
Tot Ion: 95 Resp: 21067

Ion Ratio Lower Upper

95 100

174 93.2 0.0 186.2

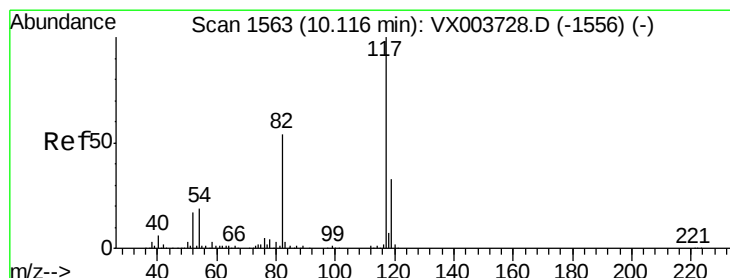
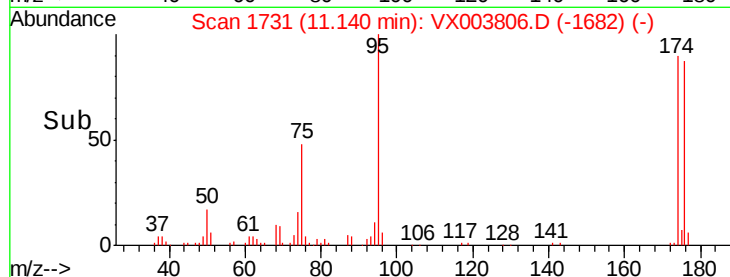
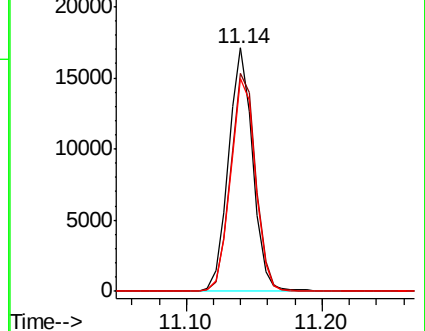
176 89.8 0.0 179.2



Abundance Ion 94.90 (94.60 to 95.60): VX003728.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003728.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003728.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003806.D

Acq: 01 Aug 2018 20:30

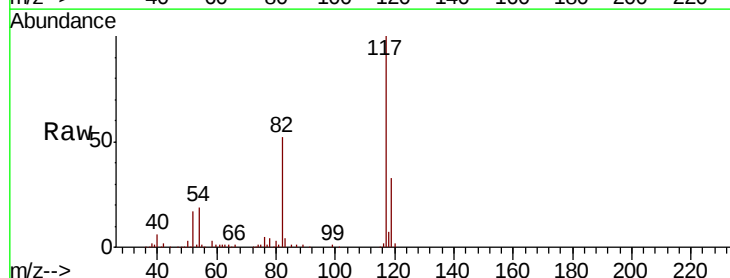
Tgt Ion: 117 Resp: 59287

Ion Ratio Lower Upper

117 100

82 52.2 43.2 64.8

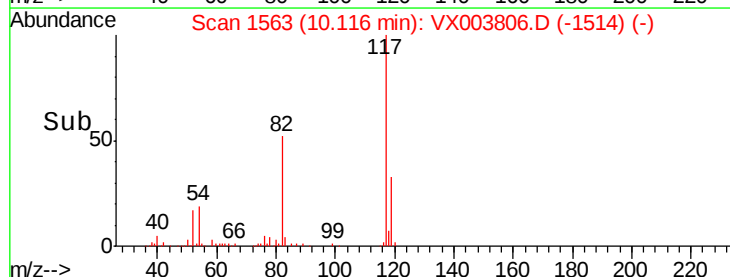
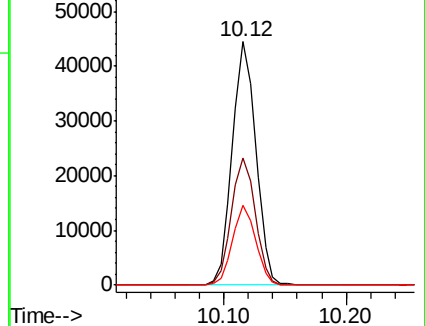
119 32.5 26.3 39.5

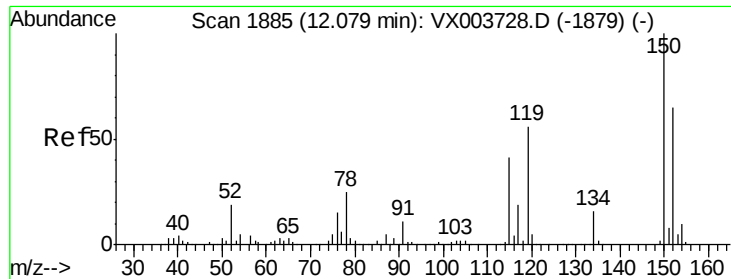


Abundance Ion 116.90 (116.60 to 117.60): VX003728.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003728.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003728.D (-1556) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003806.D

Acq: 01 Aug 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

SB-8(10-12)RE

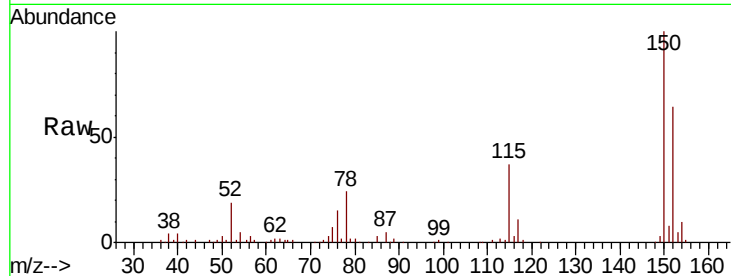
Tot Ion:152 Resp: 24935

Ion Ratio Lower Upper

152 100

115 55.3 38.5 115.3

150 155.4 0.0 346.2

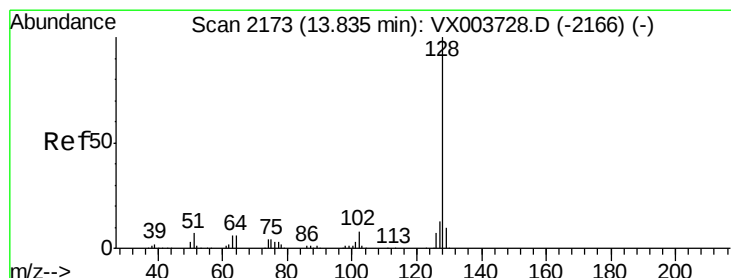
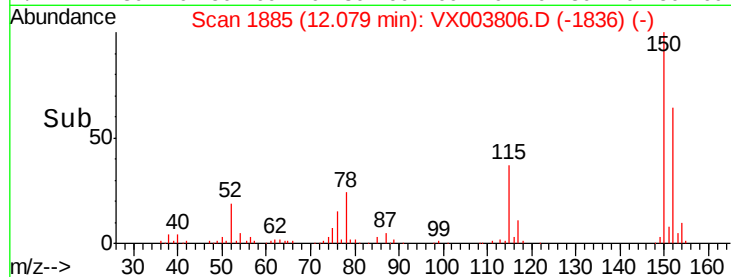
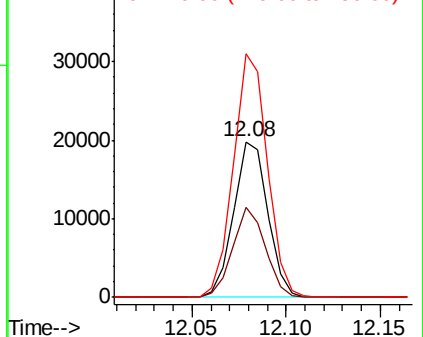


Abundance

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



#95

Naphthalene

Concen: 4.510 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003806.D

Acq: 01 Aug 2018 20:30

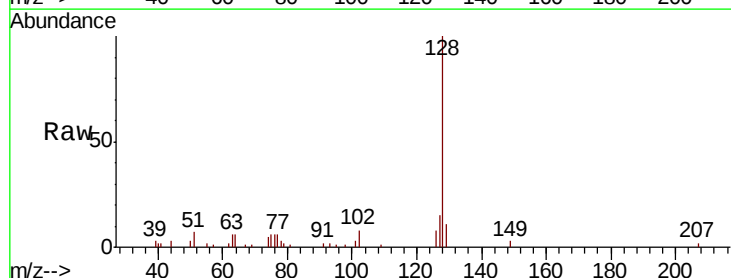
Tgt Ion:128 Resp: 5861

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

129 12.3 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

