

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003805.D
 Acq On : 01 Aug 2018 20:05
 Operator : JC/SP
 Sample : J4121-03RE
 Misc : 8.64G/5.0mL/MSVOA X/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(3-5)RE

Quant Time: Aug 02 07:23:57 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

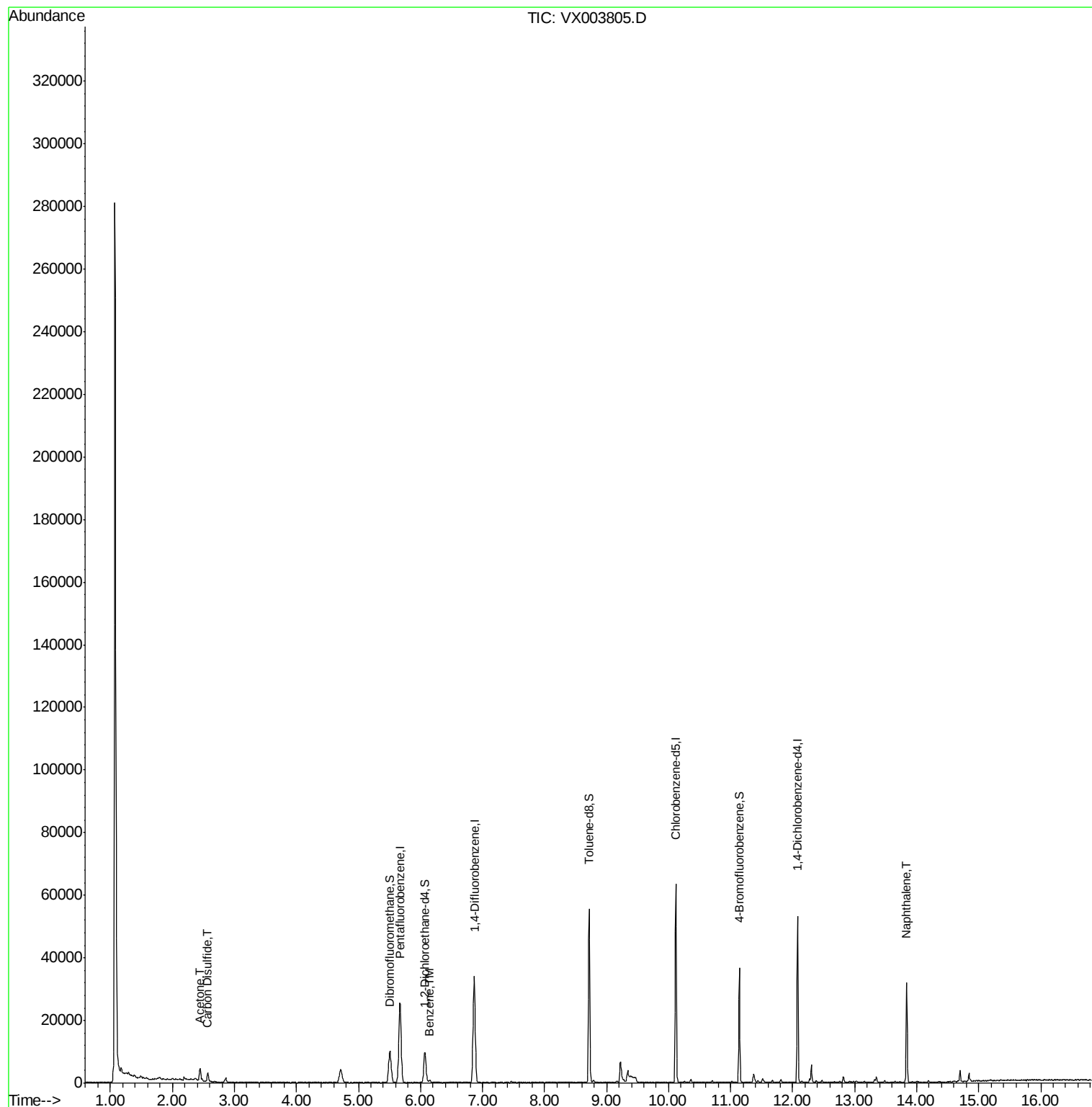
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	26905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	35505	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	29112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	11343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	9757	35.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.72%	
35) Dibromofluoromethane	5.51	113	8960	42.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.72%	
50) Toluene-d8	8.72	98	32878	37.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.44%	
62) 4-Bromofluorobenzene	11.14	95	9112	28.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.70%	
Target Compounds						
16) Acetone	2.45	43	4358	41.929	ug/l	99
17) Carbon Disulfide	2.57	76	3542	4.527	ug/l	96
40) Benzene	6.15	78	1036	1.087	ug/l	97
95) Naphthalene	13.83	128	20969	35.468	ug/l	100

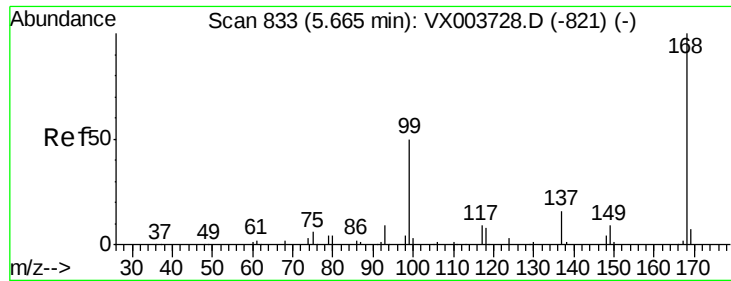
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080118\
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Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003805.D

Acq: 01 Aug 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

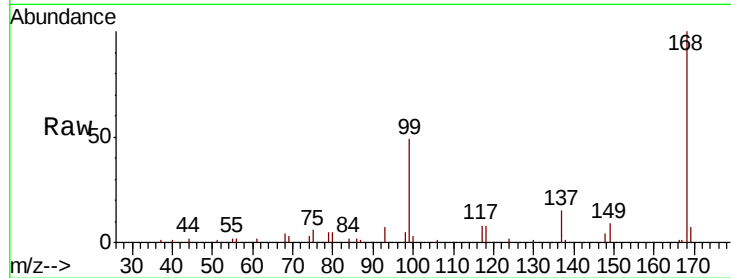
SB-8(3-5)RE

Tot Ion:168 Resp: 26905

Ion Ratio Lower Upper

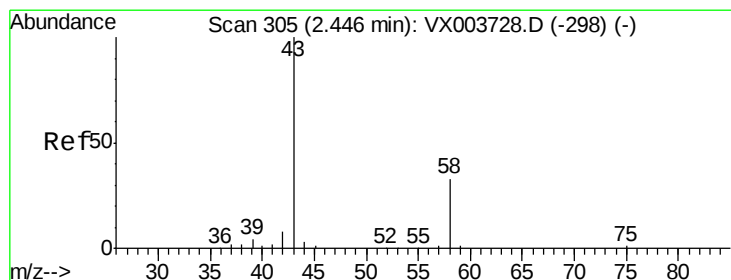
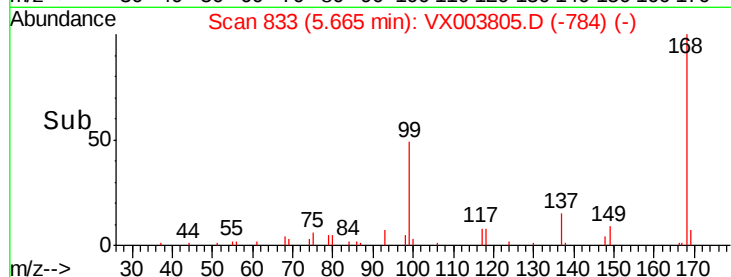
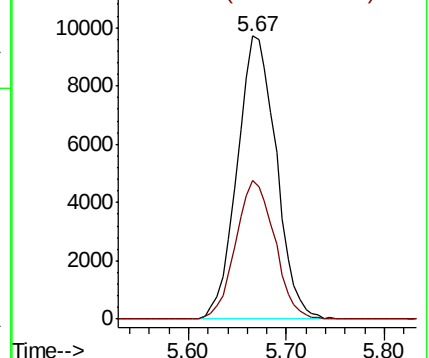
168 100

99 49.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 41.929 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003805.D

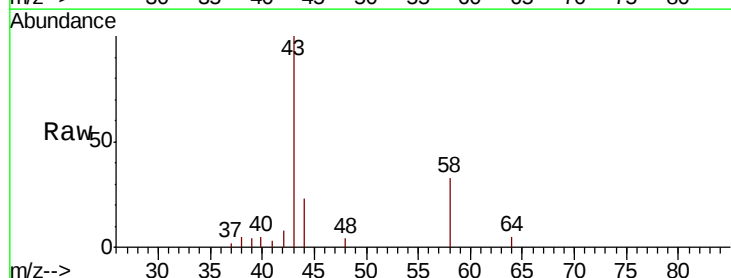
Acq: 01 Aug 2018 20:05

Tgt Ion: 43 Resp: 4358

Ion Ratio Lower Upper

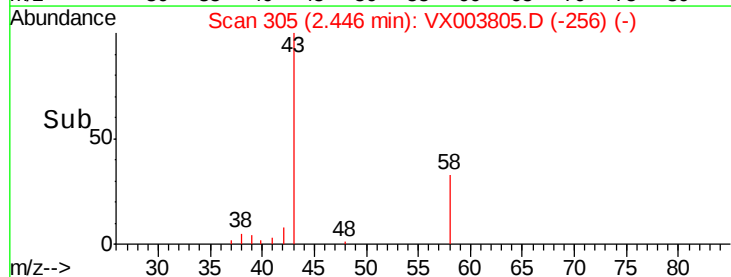
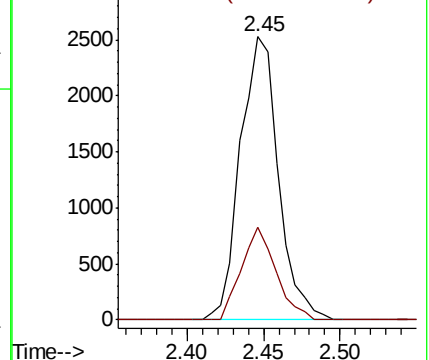
43 100

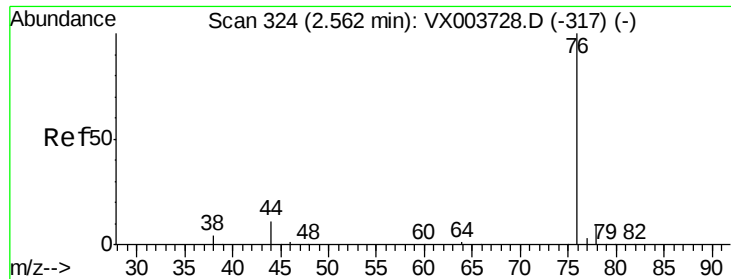
58 32.9 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

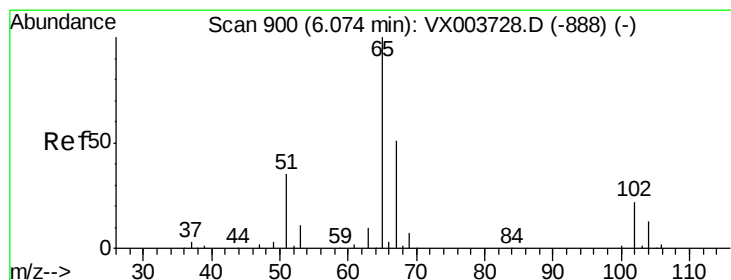
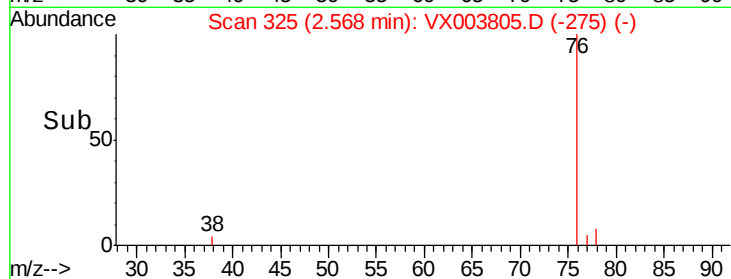
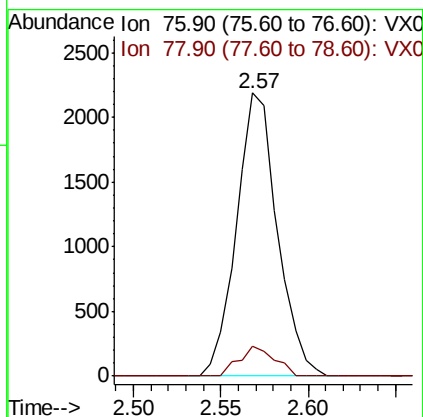
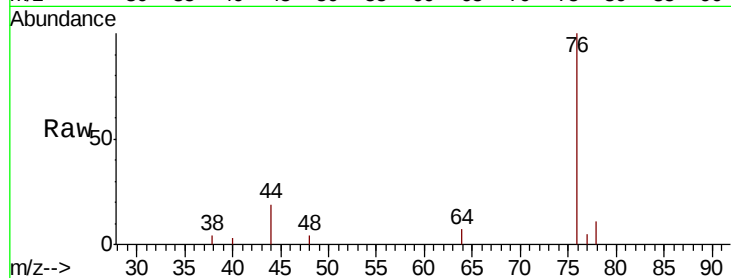




#17
Carbon Disulfide
Concen: 4.527 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003805.D
Acq: 01 Aug 2018 20:05

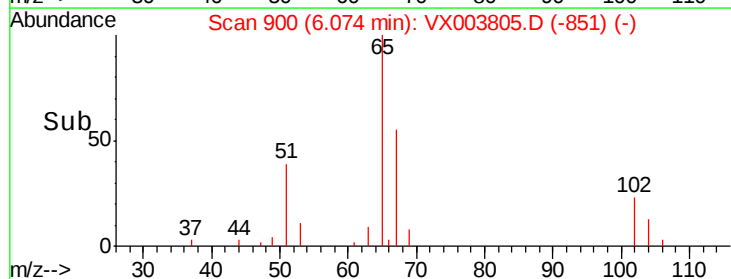
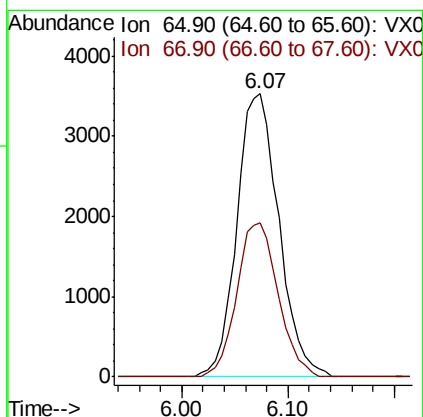
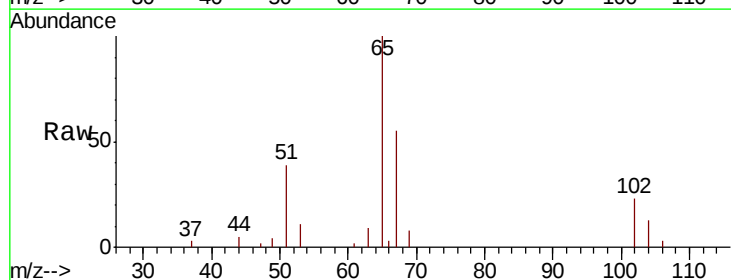
Instrument :
MSVOA_X
ClientSampleId :
SB-8(3-5)RE

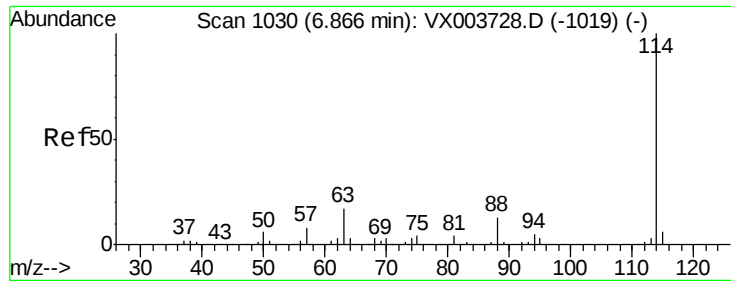
Tot Ion: 76 Resp: 3542
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 35.857 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX003805.D
Acq: 01 Aug 2018 20:05

Tgt Ion: 65 Resp: 9757
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.0

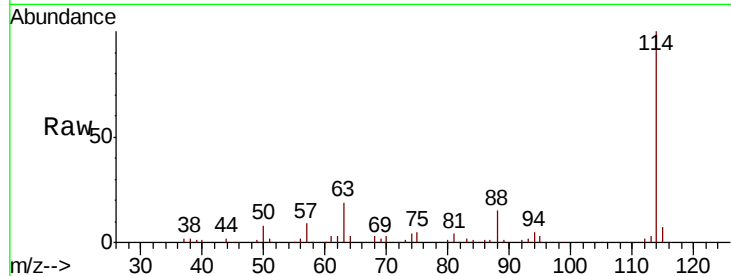




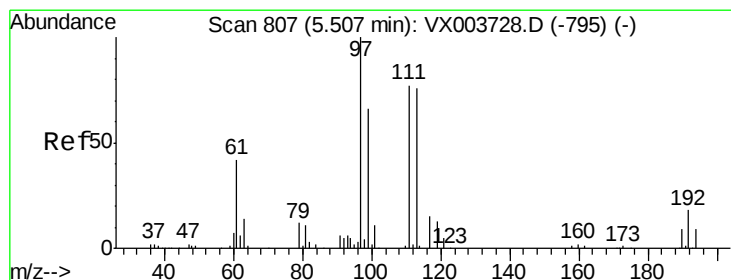
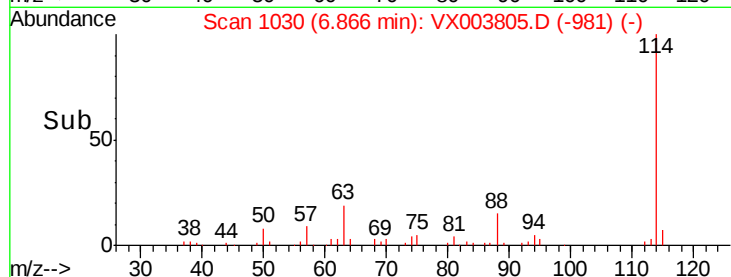
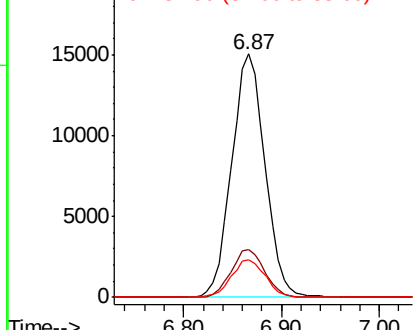
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003805.D
 Acq: 01 Aug 2018 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(3-5)RE

Tot Ion:114 Resp: 35505
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 34.0
 88 15.3 0.0 26.4

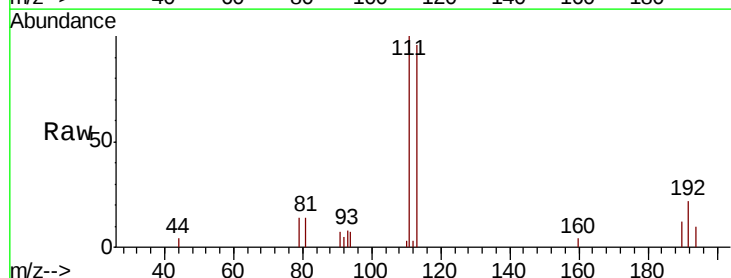


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

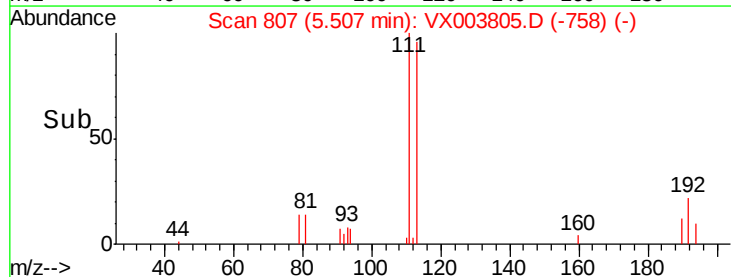
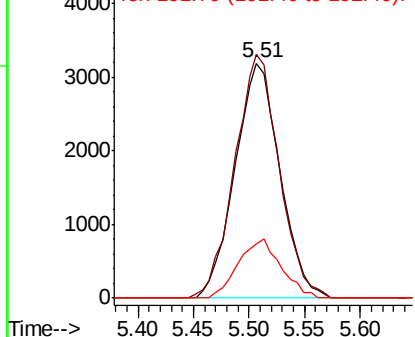


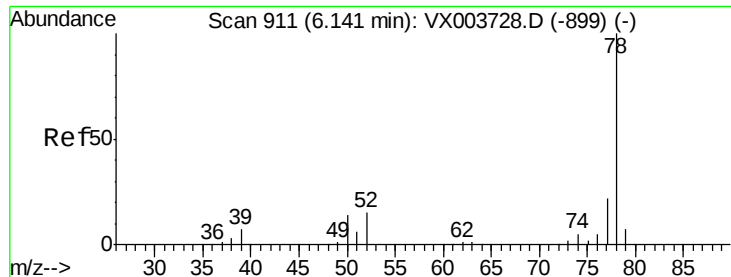
#35
 Dibromofluoromethane
 Concen: 42.858 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003805.D
 Acq: 01 Aug 2018 20:05

Tgt Ion:113 Resp: 8960
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.6
 192 23.9 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: 1.087 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003805.D

Acq: 01 Aug 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

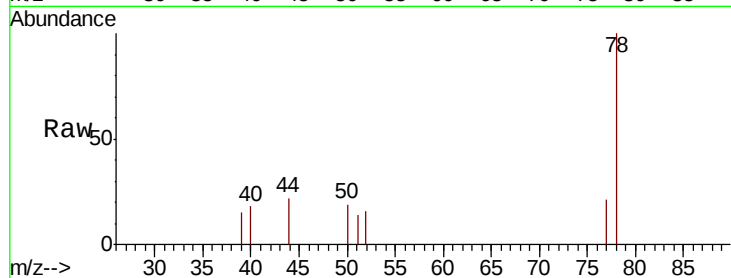
SB-8(3-5)RE

Tot Ion: 78 Resp: 1036

Ion Ratio Lower Upper

78 100

77 21.1 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

400

300

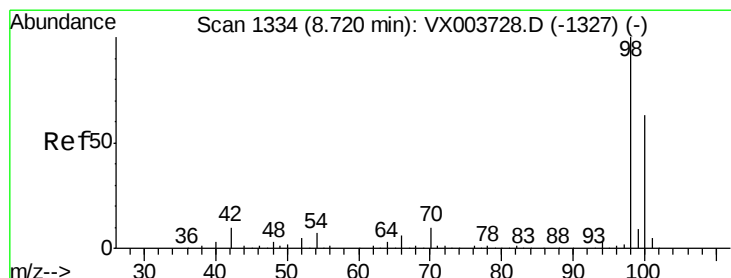
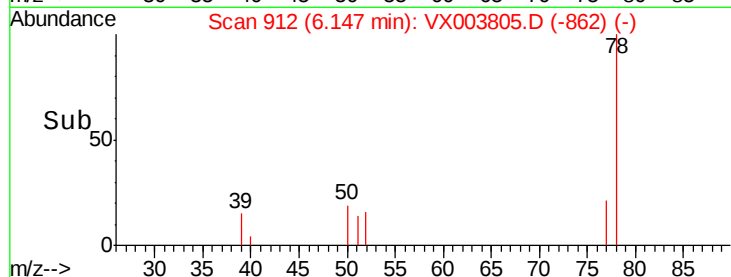
200

100

0

6.10 6.15 6.20

Time-->



#50

Toluene-d8

Concen: 37.719 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003805.D

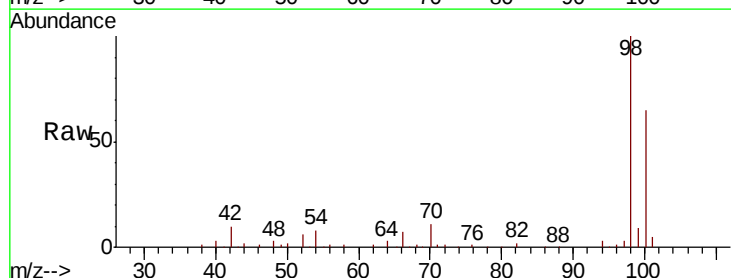
Acq: 01 Aug 2018 20:05

Tgt Ion: 98 Resp: 32878

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

25000

20000

15000

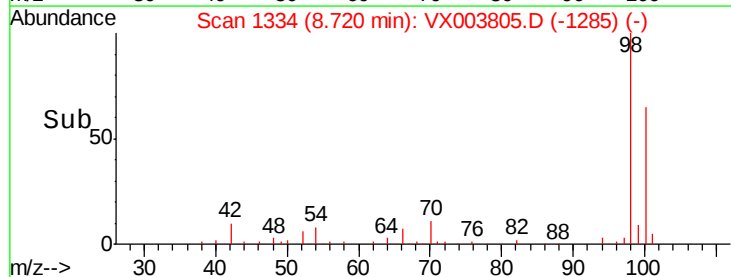
10000

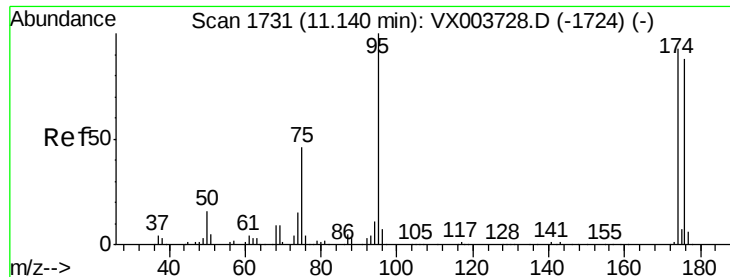
5000

0

8.65 8.70 8.75 8.80

Time-->

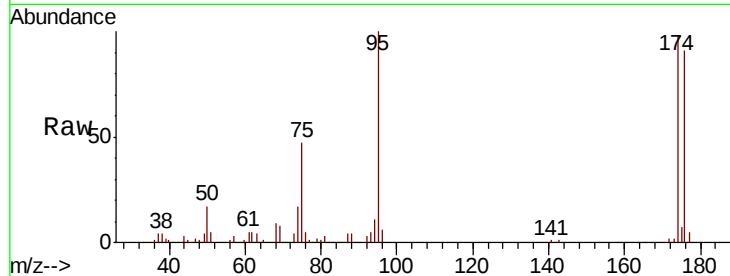




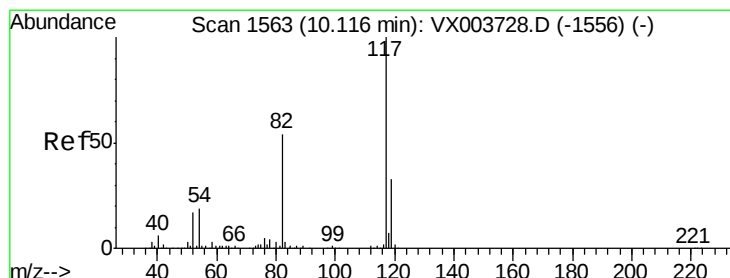
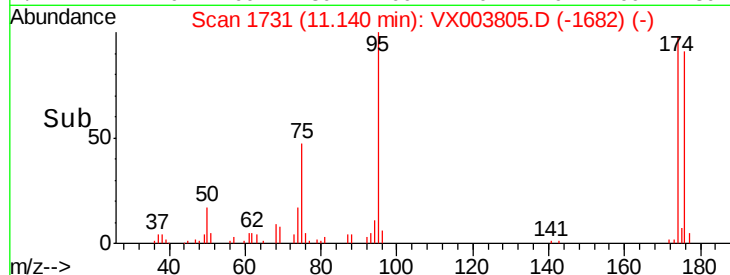
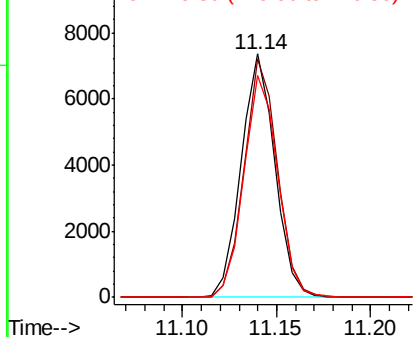
#62
 4-Bromofluorobenzene
 Concen: 28.352 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX003805.D
 Acq: 01 Aug 2018 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(3-5)RE

Tot Ion: 95 Resp: 9112
 Ion Ratio Lower Upper
 95 100
 174 96.6 0.0 186.2
 176 92.0 0.0 179.2

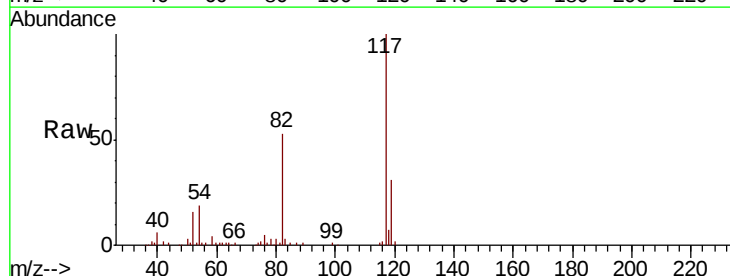


Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

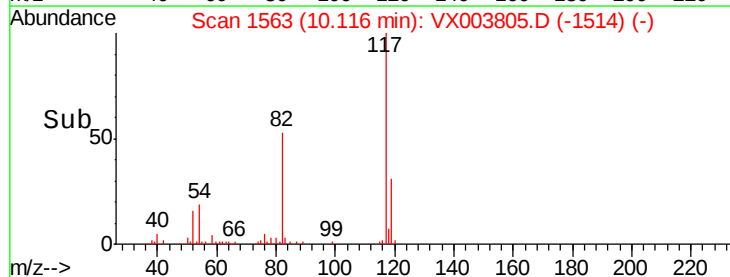
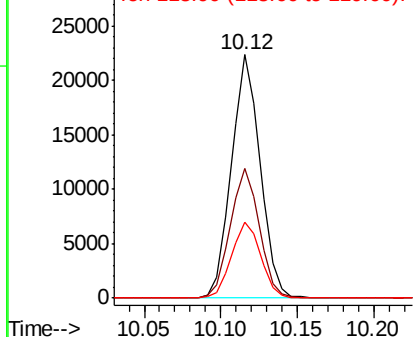


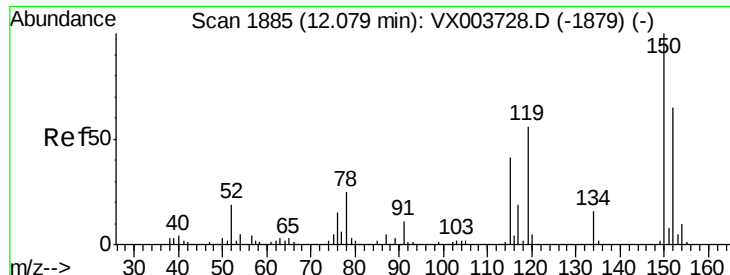
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX003805.D
 Acq: 01 Aug 2018 20:05

Tgt Ion: 117 Resp: 29112
 Ion Ratio Lower Upper
 117 100
 82 53.5 43.2 64.8
 119 31.0 26.3 39.5



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: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003805.D

Acq: 01 Aug 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

SB-8(3-5)RE

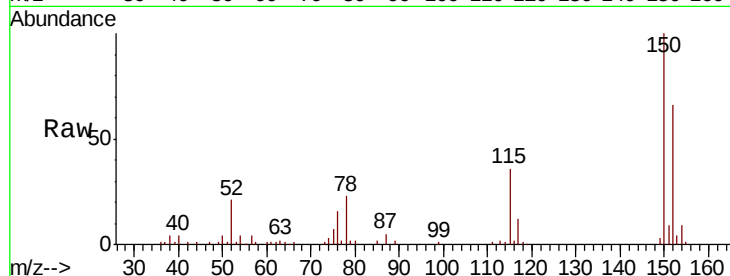
Tot Ion:152 Resp: 11343

Ion Ratio Lower Upper

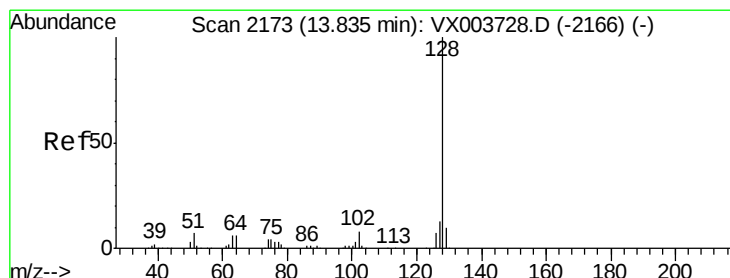
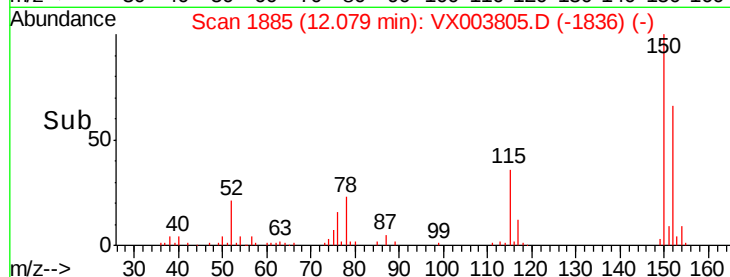
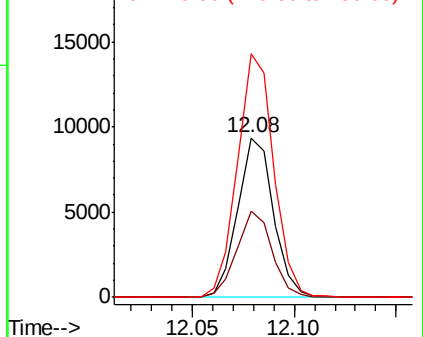
152 100

115 53.6 38.5 115.3

150 155.8 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: 35.468 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003805.D

Acq: 01 Aug 2018 20:05

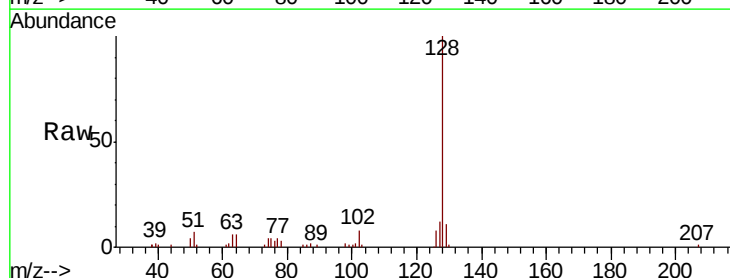
Tgt Ion:128 Resp: 20969

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 10.9 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

