

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003760.D
 Acq On : 31 Jul 2018 19:31
 Operator : JC/SP
 Sample : J4109-04RE
 Misc : 8.73G/5.0mL/MSVOA X/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 01 18:36:52 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

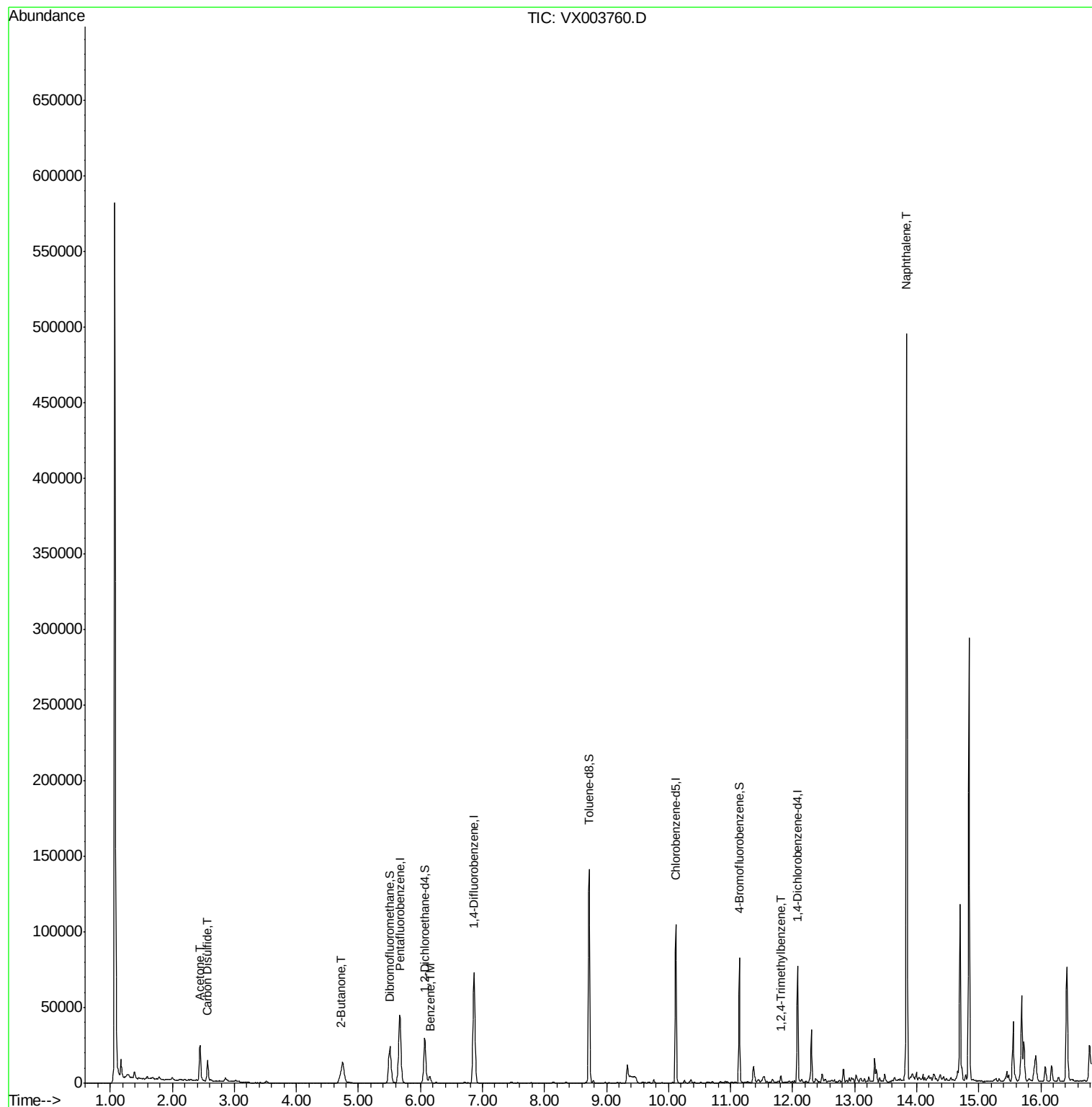
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	43753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	70916	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	47637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	16081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	26379	59.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.22%	
35) Dibromofluoromethane	5.51	113	20366	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	8.72	98	83892	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	19817	30.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.74%	
Target Compounds						
16) Acetone	2.45	43	25322	149.81	ug/l	99
17) Carbon Disulfide	2.57	76	17055	13.40	ug/l	97
25) 2-Butanone	4.71	43	7937	32.21	ug/l	93
40) Benzene	6.15	78	4976	2.61	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1869	2.11	ug/l	95
95) Naphthalene	13.83	128	303098	361.63	ug/l	100

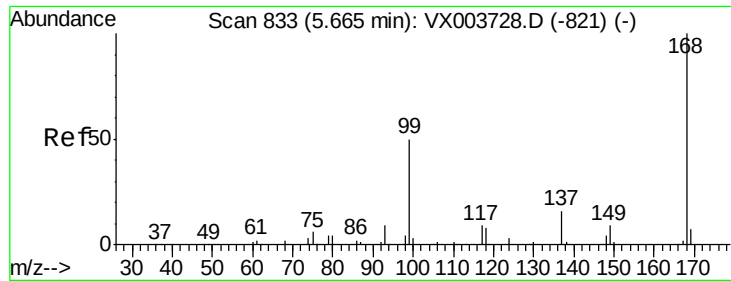
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003760.D

Acq: 31 Jul 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

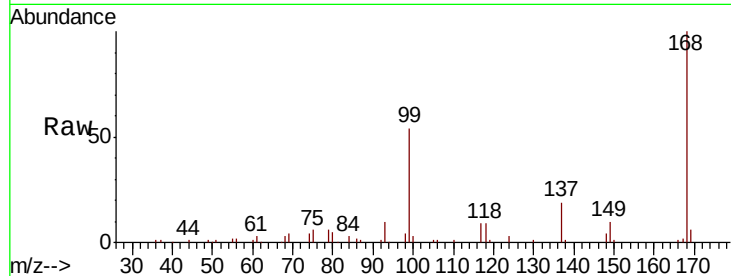
SB-12(8-10)RE

Tot Ion:168 Resp: 43753

Ion Ratio Lower Upper

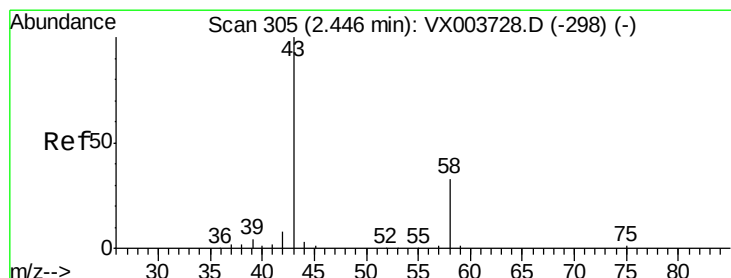
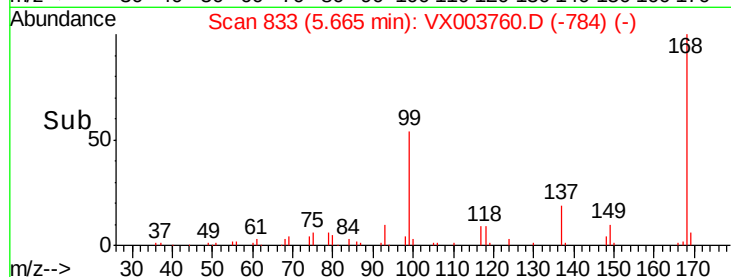
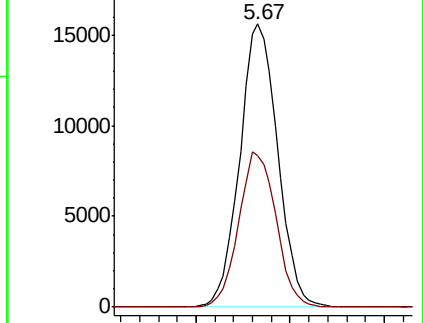
168 100

99 53.5 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: 149.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003760.D

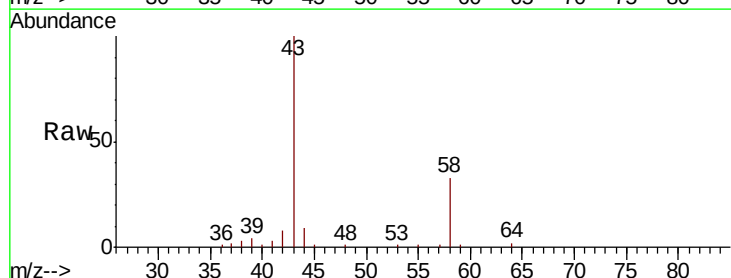
Acq: 31 Jul 2018 19:31

Tgt Ion: 43 Resp: 25322

Ion Ratio Lower Upper

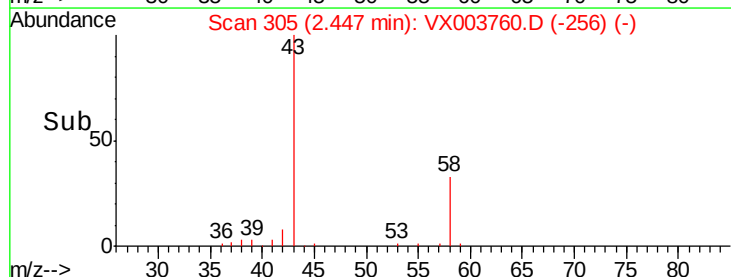
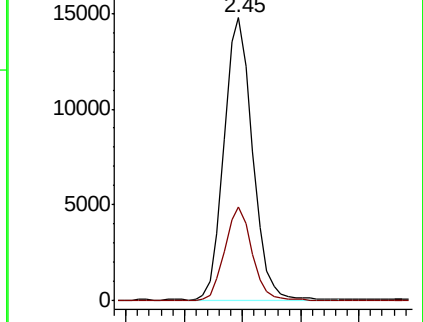
43 100

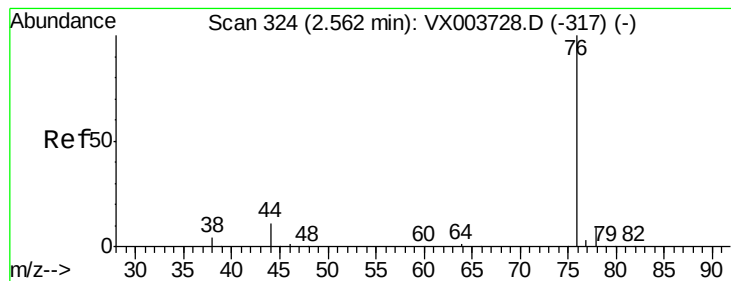
58 33.0 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 13.40 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003760.D

Acq: 31 Jul 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

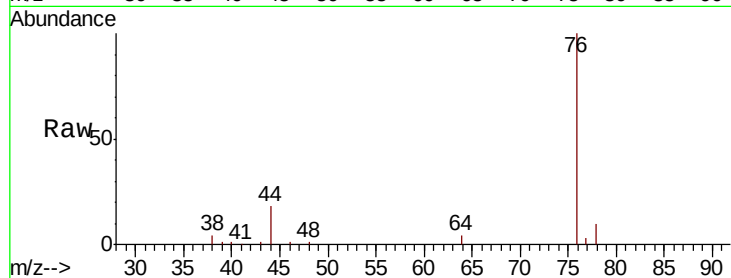
SB-12(8-10)RE

Tot Ion: 76 Resp: 17055

Ion Ratio Lower Upper

76 100

78 10.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

12000

10000

8000

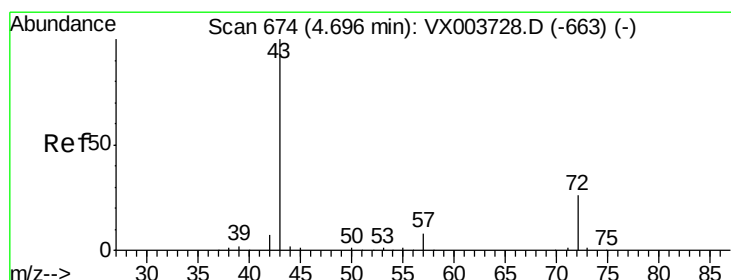
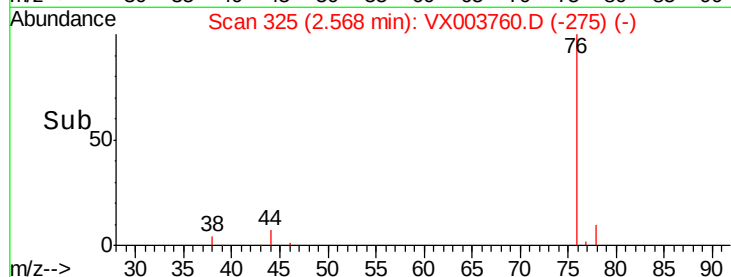
6000

4000

2000

0

Time-->



#25

2-Butanone

Concen: 32.21 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX003760.D

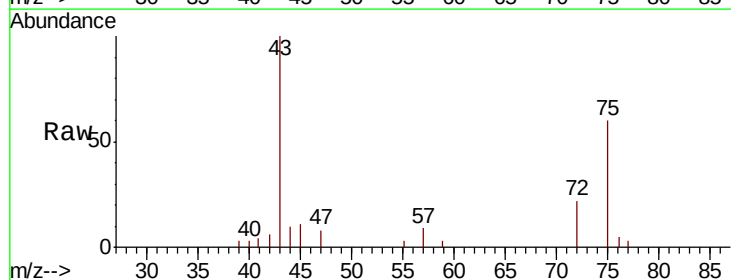
Acq: 31 Jul 2018 19:31

Tgt Ion: 43 Resp: 7937

Ion Ratio Lower Upper

43 100

72 22.4 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

2500

2000

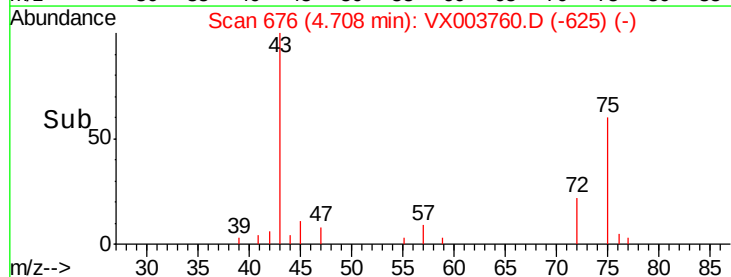
1500

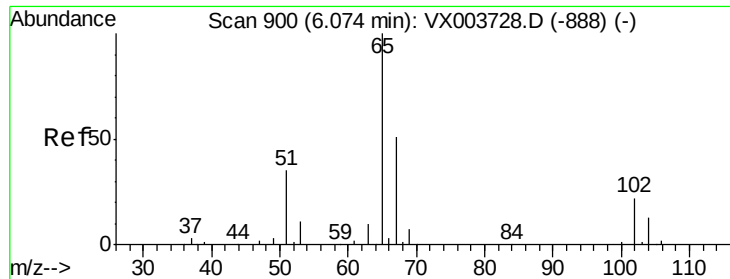
1000

500

0

Time-->

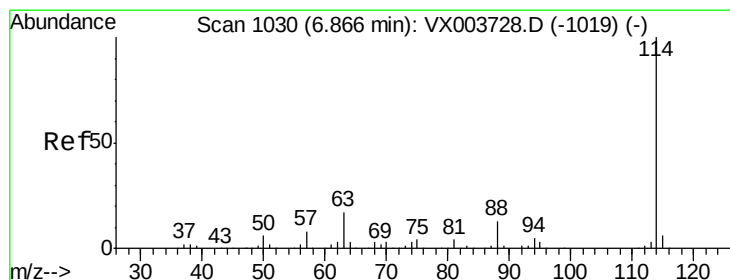
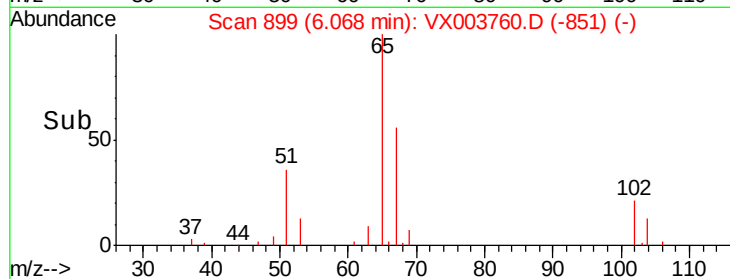
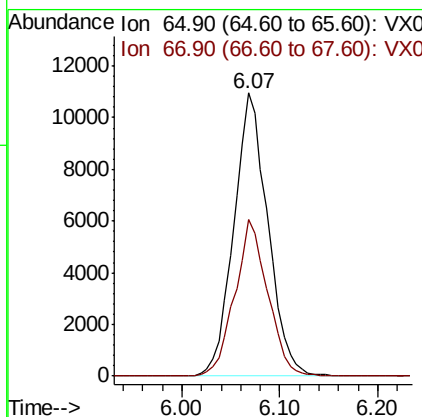
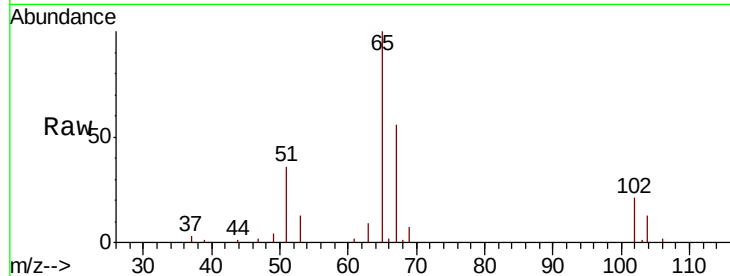




#33
 1,2-Dichloroethane-d4
 Concen: 59.61 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003760.D
 Acq: 31 Jul 2018 19:31

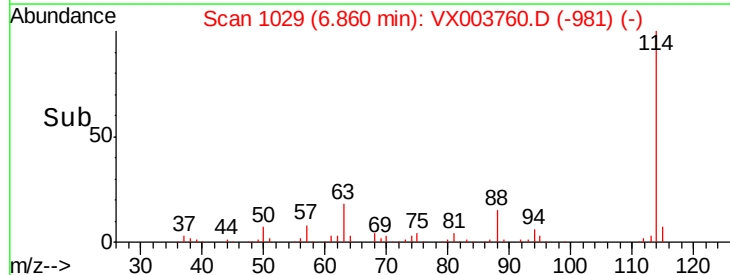
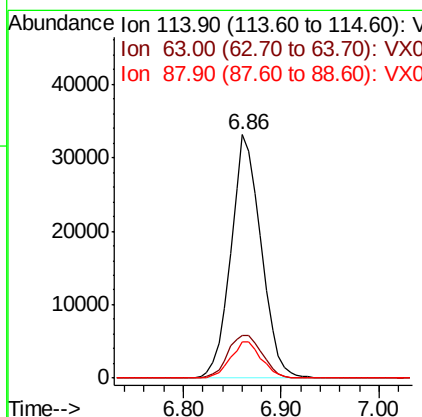
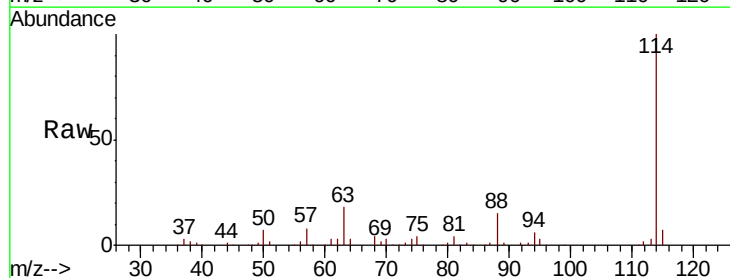
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-12(8-10)RE

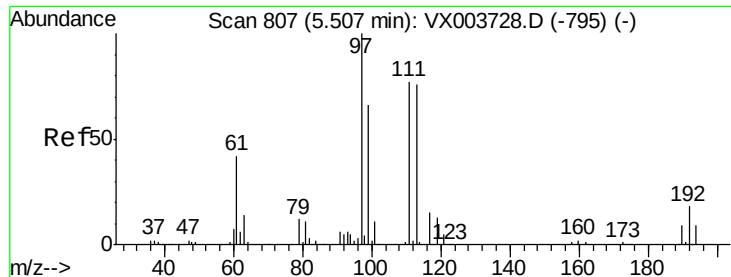
Tot Ion: 65 Resp: 26379
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003760.D
 Acq: 31 Jul 2018 19:31

Tgt Ion: 114 Resp: 70916
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.0
 88 15.0 0.0 26.4

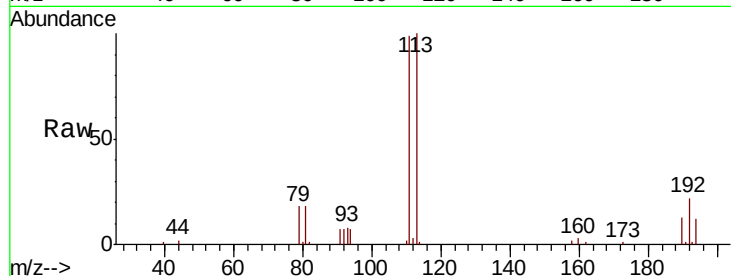




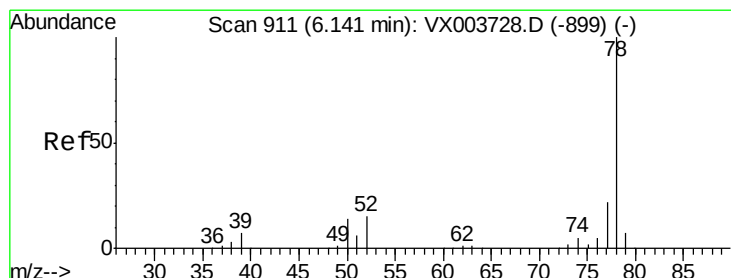
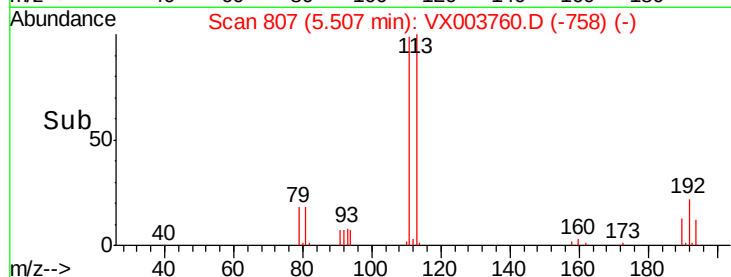
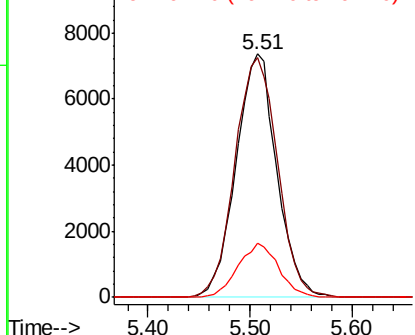
#35
 Dibromofluoromethane
 Concen: 48.77 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003760.D
 Acq: 31 Jul 2018 19:31

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

Tot Ion:113 Resp: 20366
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.8 122.6
 192 22.0 18.8 28.2

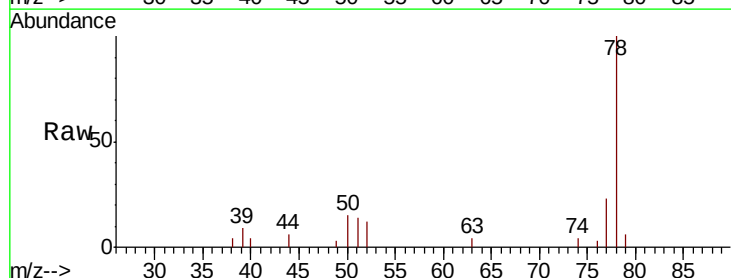


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

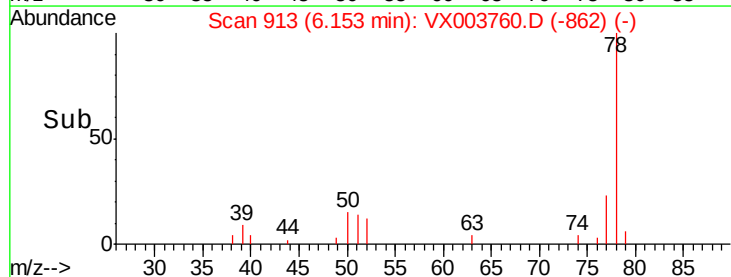
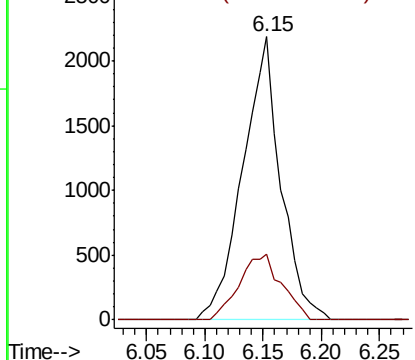


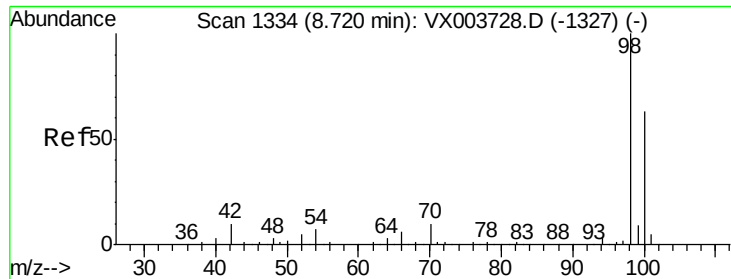
#40
 Benzene
 Concen: 2.61 ug/l
 RT: 6.15 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VX003760.D
 Acq: 31 Jul 2018 19:31

Tgt Ion: 78 Resp: 4976
 Ion Ratio Lower Upper
 78 100
 77 23.3 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 48.19 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003760.D

Acq: 31 Jul 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

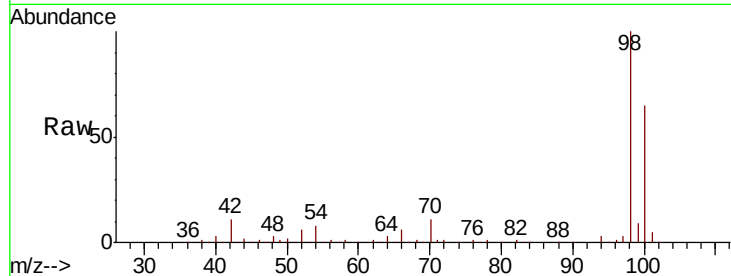
SB-12(8-10)RE

Tot Ion: 98 Resp: 83892

Ion Ratio Lower Upper

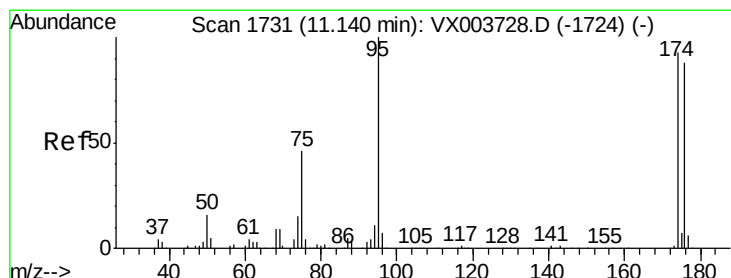
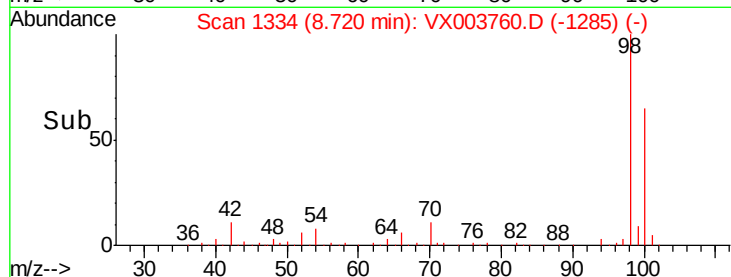
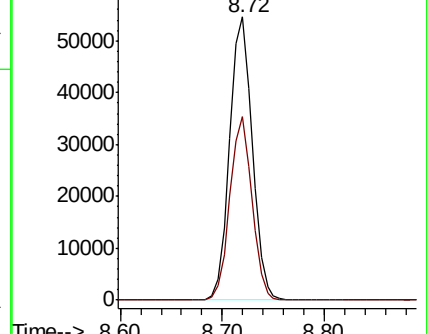
98 100

100 63.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 30.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003760.D

Acq: 31 Jul 2018 19:31

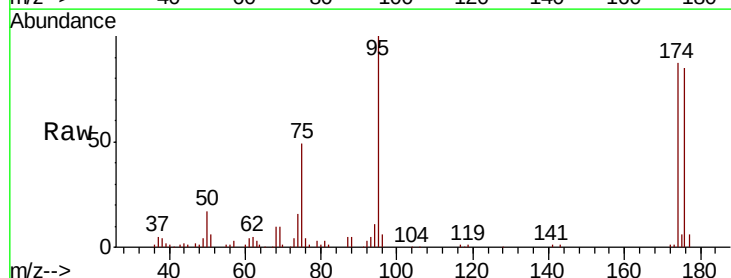
Tgt Ion: 95 Resp: 19817

Ion Ratio Lower Upper

95 100

174 89.2 0.0 186.2

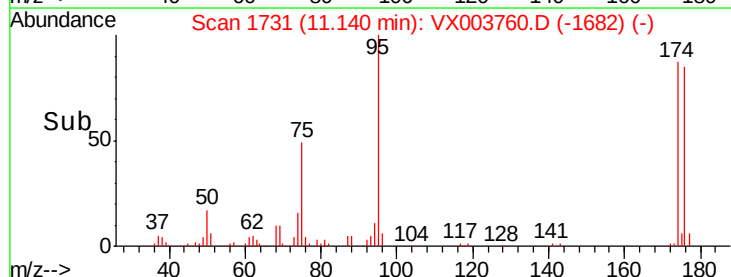
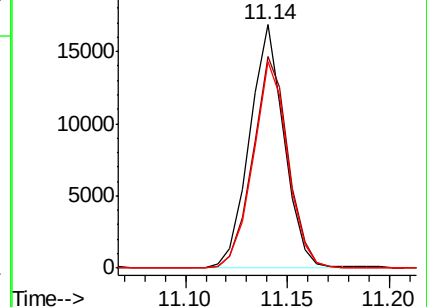
176 85.6 0.0 179.2

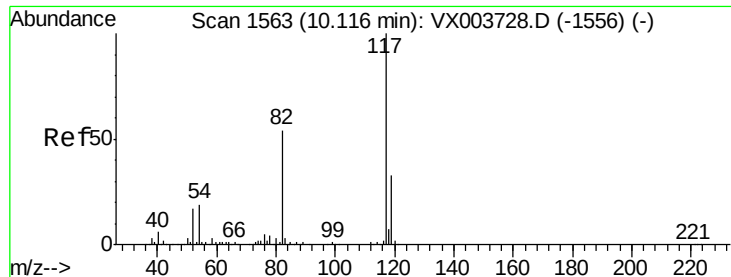


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

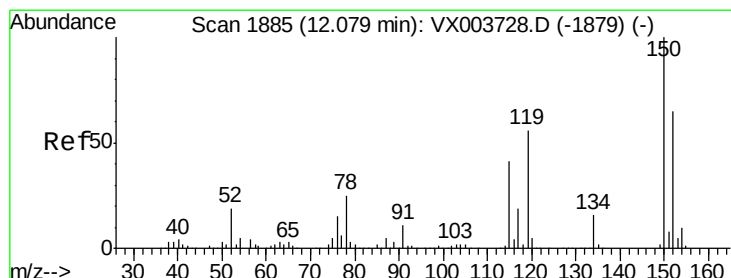
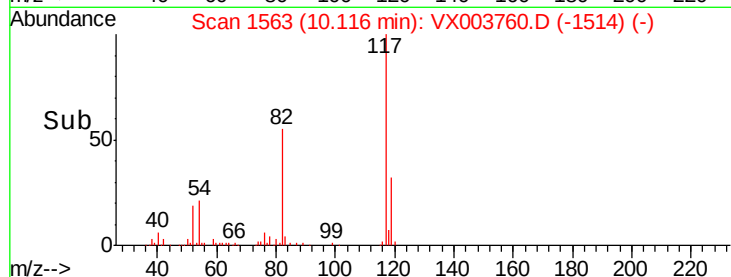
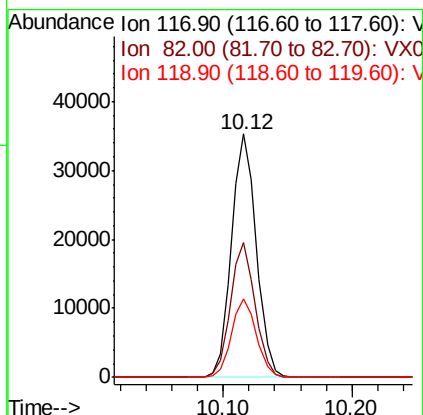
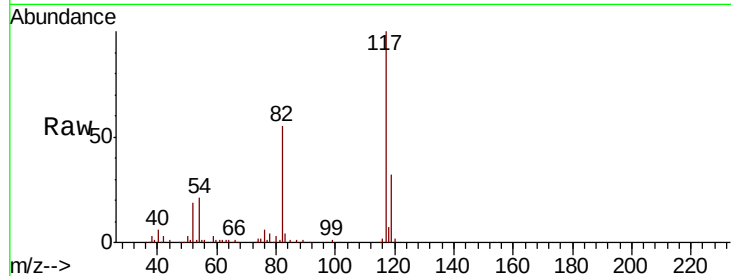




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003760.D
Acq: 31 Jul 2018 19:31

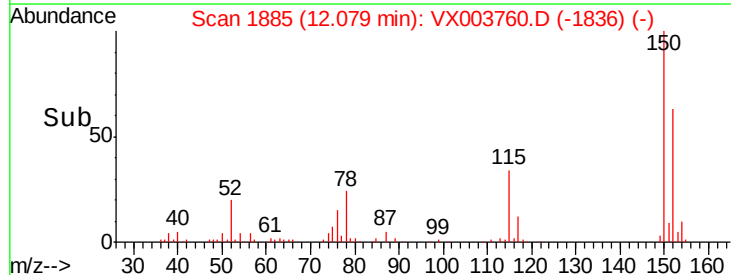
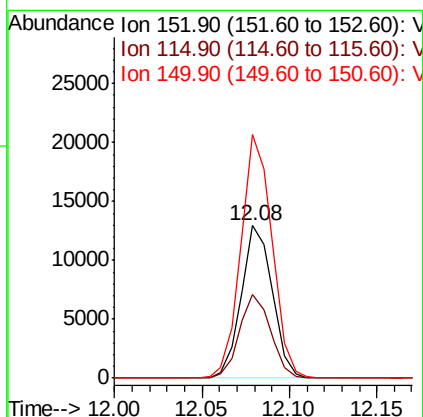
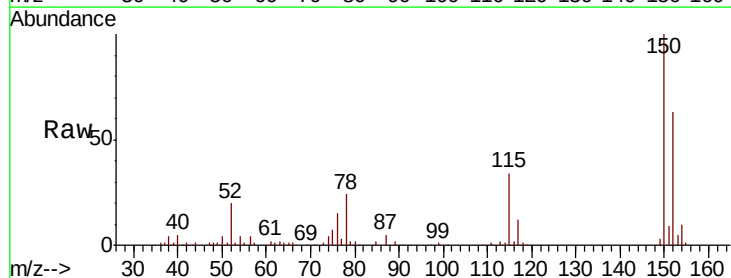
Instrument :
MSVOA_X
ClientSampleId :
SB-12(8-10)RE

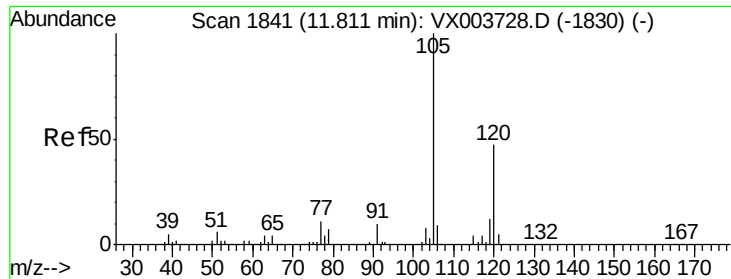
Tot Ion:117 Resp: 47637
Ion Ratio Lower Upper
117 100
82 55.2 43.2 64.8
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003760.D
Acq: 31 Jul 2018 19:31

Tgt Ion:152 Resp: 16081
Ion Ratio Lower Upper
152 100
115 55.1 38.5 115.3
150 159.1 0.0 346.2

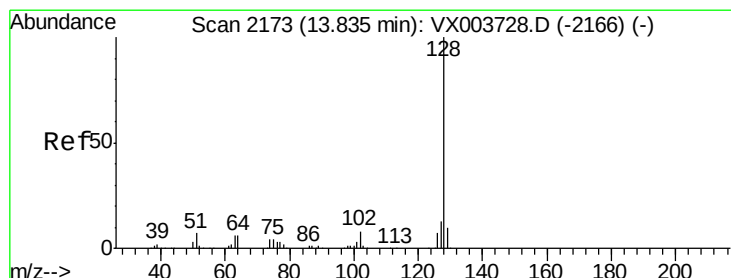
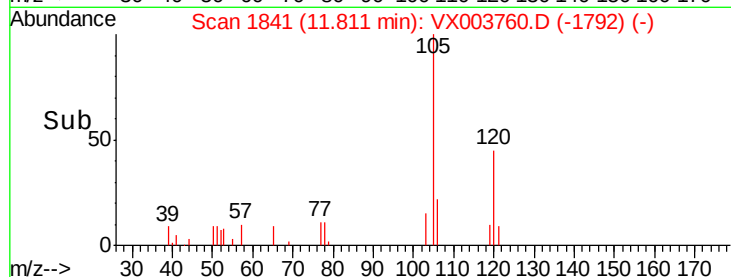
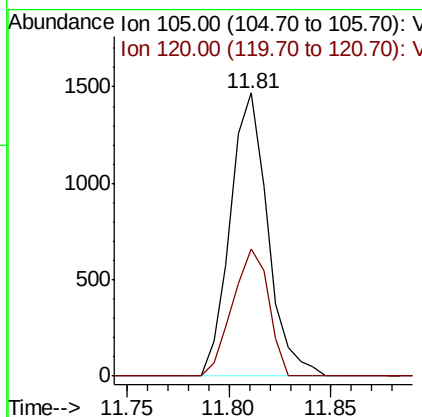
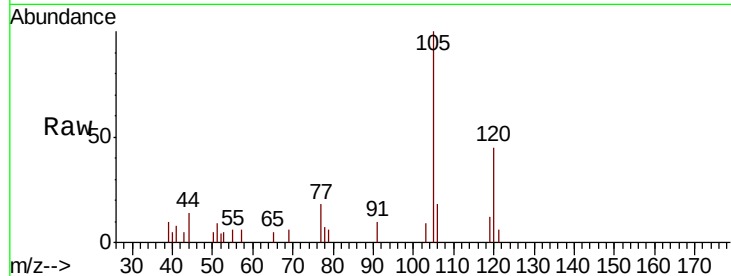




#84
 1,2,4-Trimethylbenzene
 Concen: 2.11 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003760.D
 Acq: 31 Jul 2018 19:31

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

Tot Ion:105 Resp: 1869
 Ion Ratio Lower Upper
 105 100
 120 43.1 23.1 69.2



#95
 Naphthalene
 Concen: 361.63 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: VX003760.D
 Acq: 31 Jul 2018 19:31

Tgt Ion:128 Resp: 303098
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.2
 129 11.0 8.7 13.1

