

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003812.D
 Acq On : 01 Aug 2018 23:01
 Operator : JC/SP
 Sample : J4164-01RE
 Misc : 10.59G/5.0mL/MSVOA X/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(3-5)RE

Quant Time: Aug 02 08:11:08 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

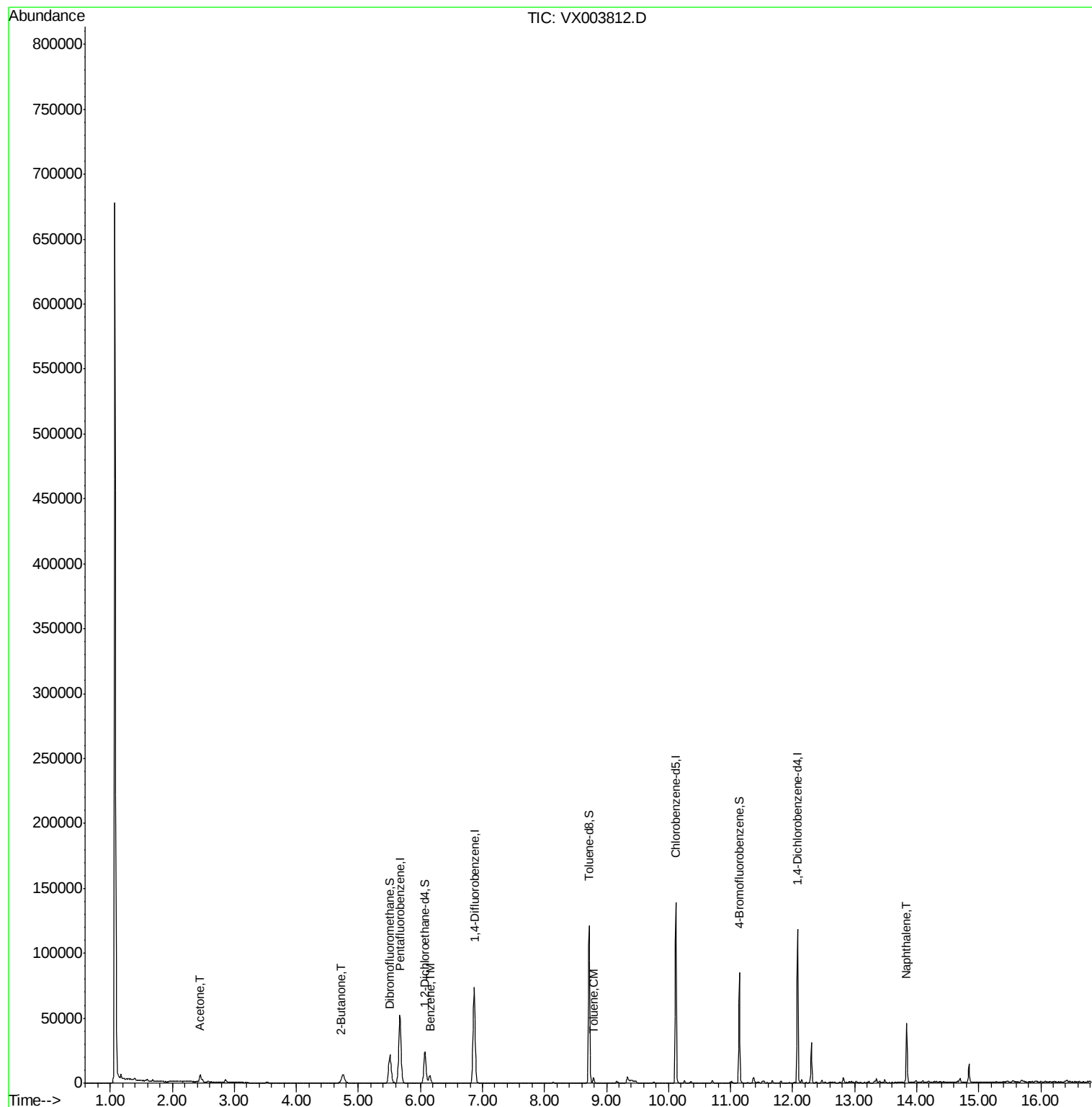
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	51780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	74430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	62413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	25337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	22794	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
35) Dibromofluoromethane	5.51	113	19225	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	
50) Toluene-d8	8.72	98	71824	39.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.62%	
62) 4-Bromofluorobenzene	11.14	95	21112	31.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.68%	
Target Compounds						
16) Acetone	2.45	43	5686	28.425	ug/l	100
25) 2-Butanone	4.71	43	2282	7.826	ug/l #	86
40) Benzene	6.15	78	6730	3.369	ug/l	99
52) Toluene	8.79	92	1385	1.112	ug/l	92
95) Naphthalene	13.83	128	28984	21.948	ug/l	100

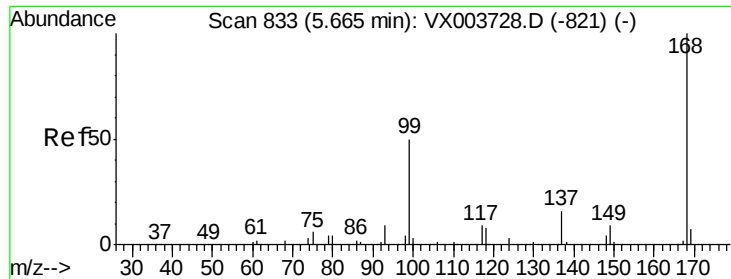
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003812.D

Acq: 01 Aug 2018 23:01

Instrument :

MSVOA_X

ClientSampleId :

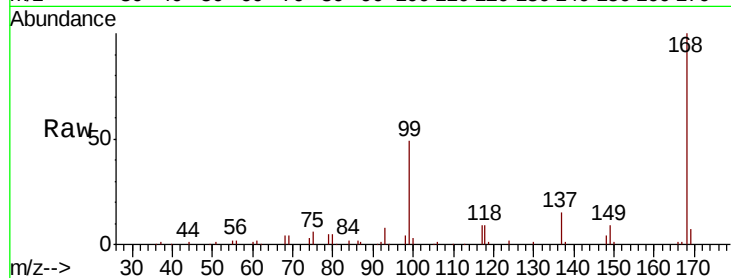
SB-6(3-5)RE

Tot Ion:168 Resp: 51780

Ion Ratio Lower Upper

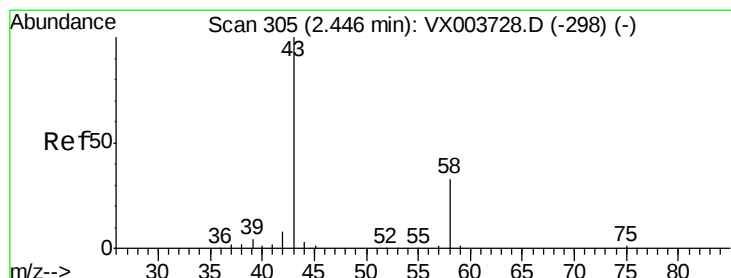
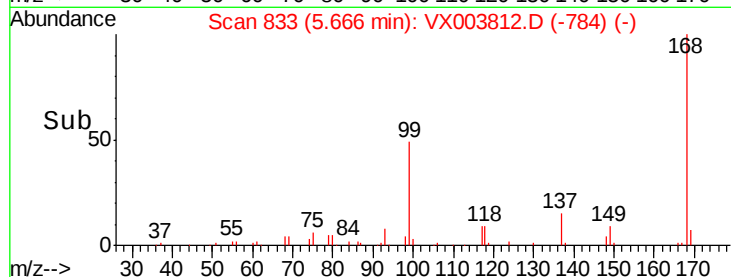
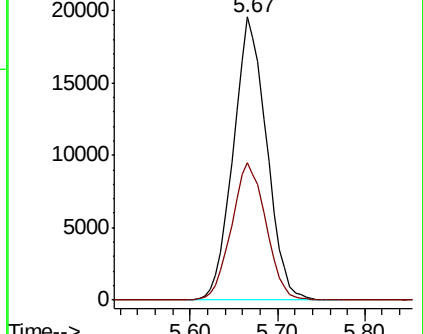
168 100

99 48.6 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: 28.425 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003812.D

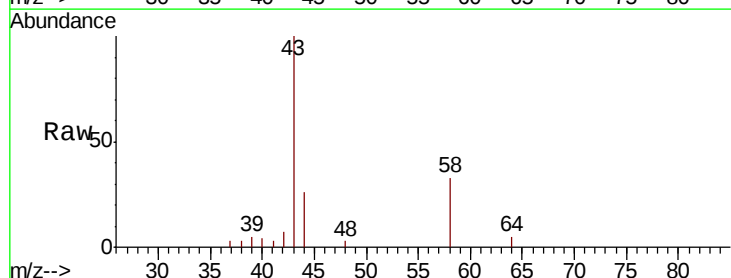
Acq: 01 Aug 2018 23:01

Tgt Ion: 43 Resp: 5686

Ion Ratio Lower Upper

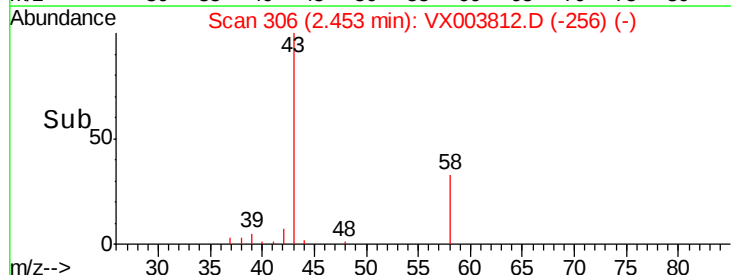
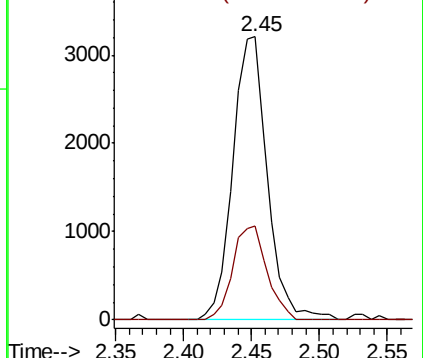
43 100

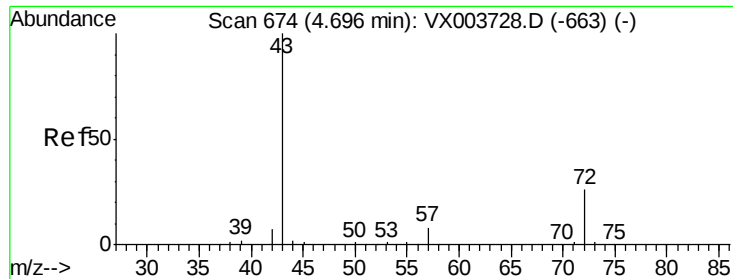
58 33.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 7.826 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.02 min

Lab File: VX003812.D

Acq: 01 Aug 2018 23:01

Instrument :

MSVOA_X

ClientSampleId :

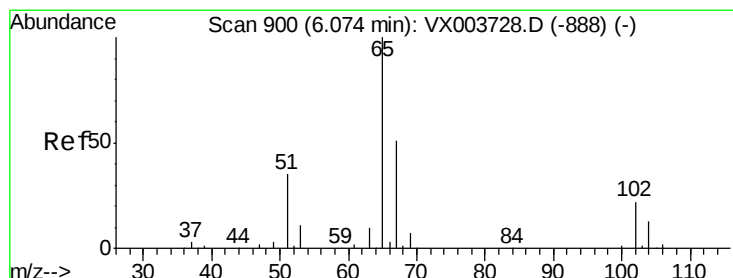
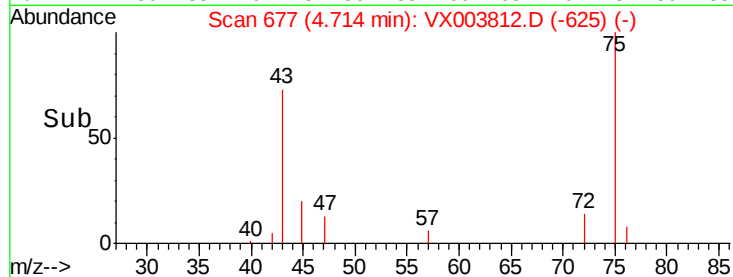
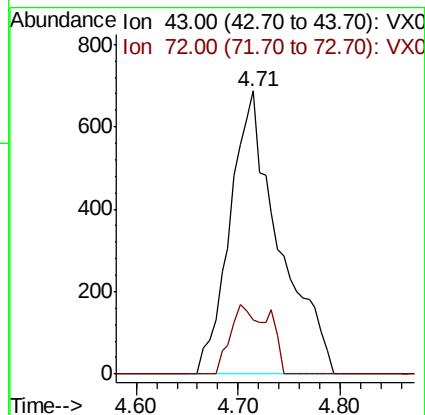
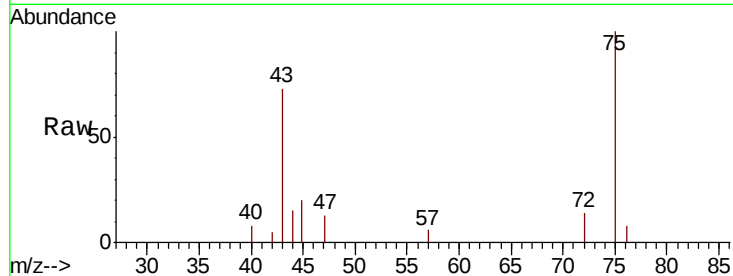
SB-6(3-5)RE

Tot Ion: 43 Resp: 2282

Ion Ratio Lower Upper

43 100

72 19.1 20.9 31.3#



#33

1,2-Dichloroethane-d4

Concen: 43.526 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003812.D

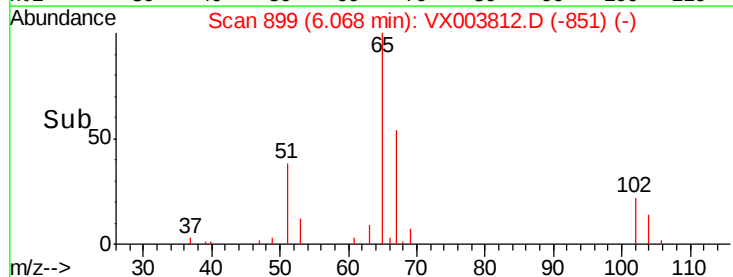
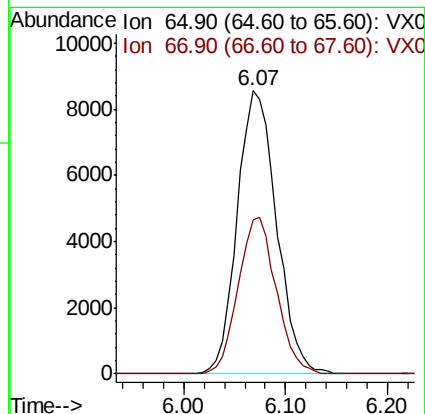
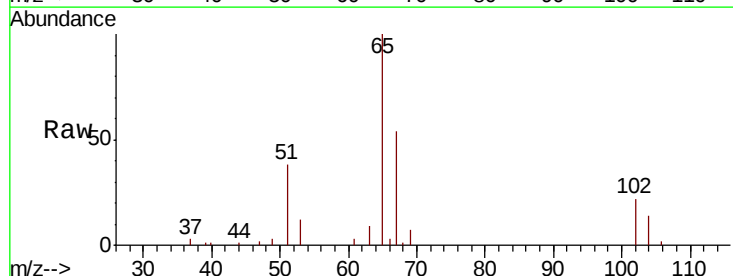
Acq: 01 Aug 2018 23:01

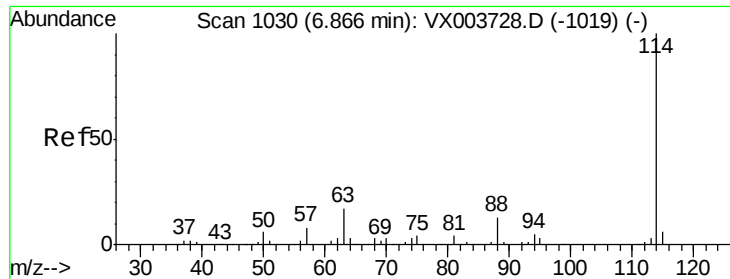
Tgt Ion: 65 Resp: 22794

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.0

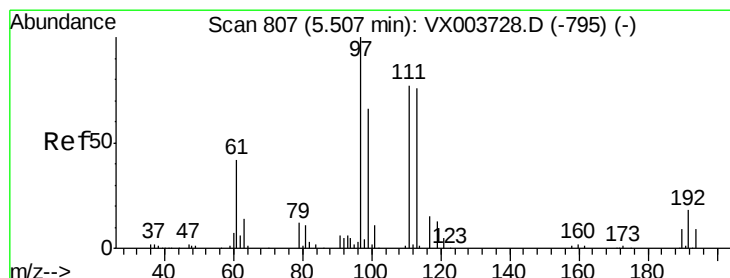
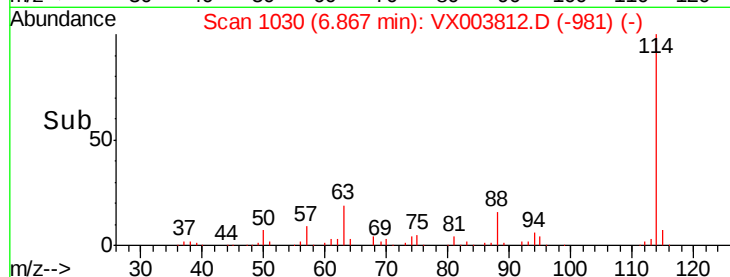
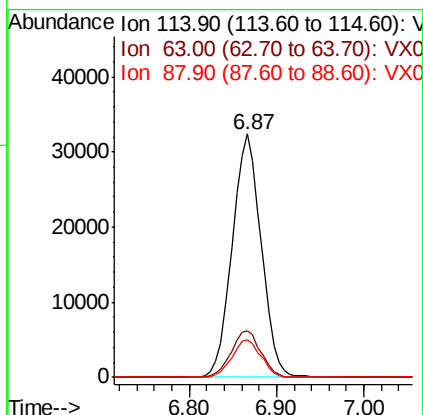
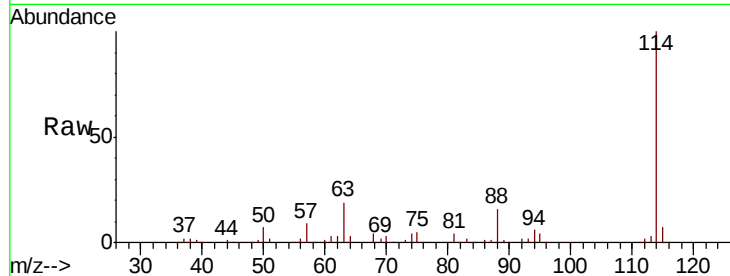




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003812.D
 Acq: 01 Aug 2018 23:01

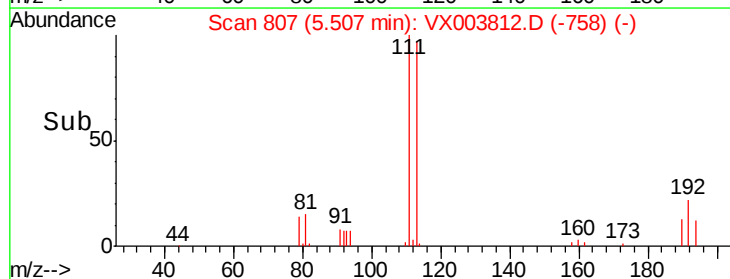
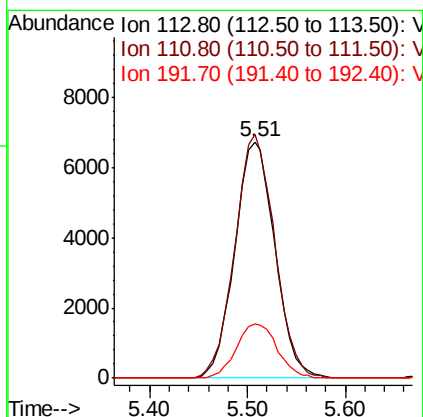
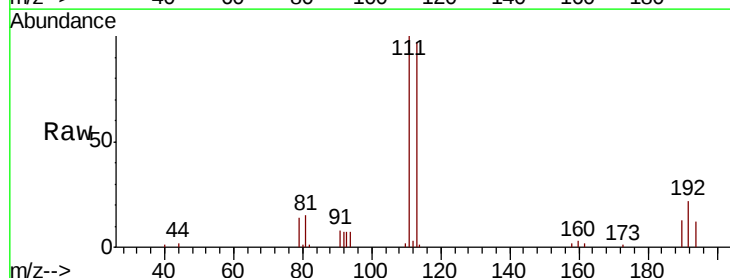
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(3-5)RE

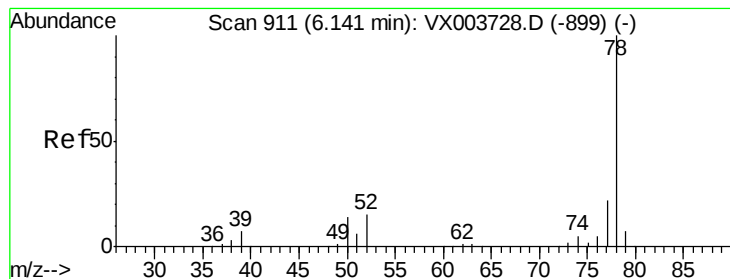
Tot Ion:114 Resp: 74430
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 34.0
 88 15.6 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 43.866 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003812.D
 Acq: 01 Aug 2018 23:01

Tgt Ion:113 Resp: 19225
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.6
 192 23.3 18.8 28.2





#40

Benzene

Concen: 3.369 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX003812.D

Acq: 01 Aug 2018 23:01

Instrument :

MSVOA_X

ClientSampleId :

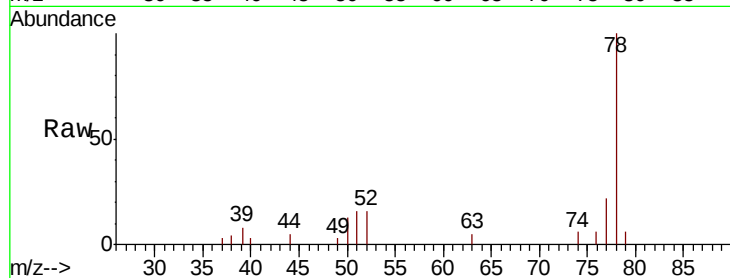
SB-6(3-5)RE

Tot Ion: 78 Resp: 6730

Ion Ratio Lower Upper

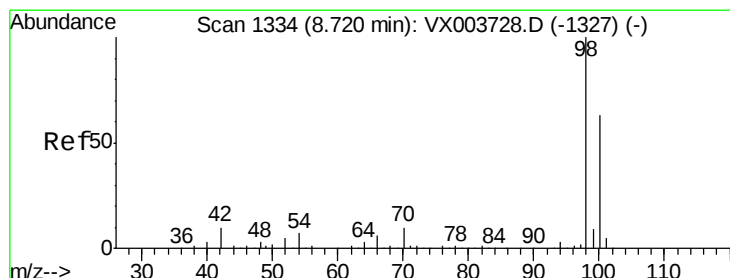
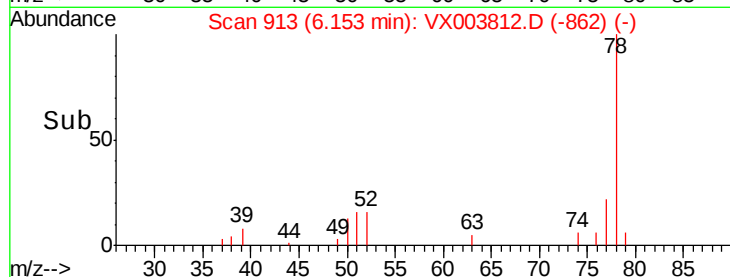
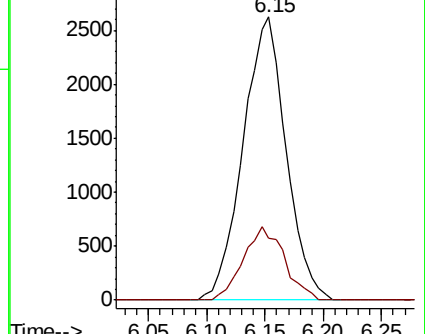
78 100

77 22.0 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: 39.307 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003812.D

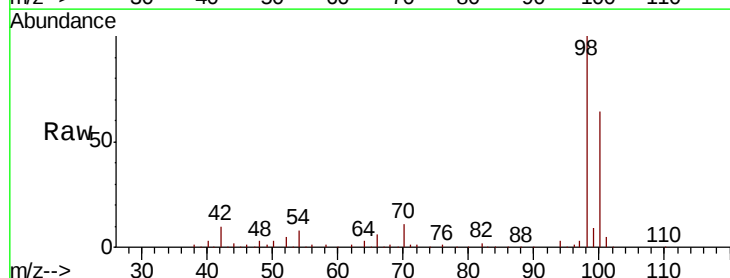
Acq: 01 Aug 2018 23:01

Tgt Ion: 98 Resp: 71824

Ion Ratio Lower Upper

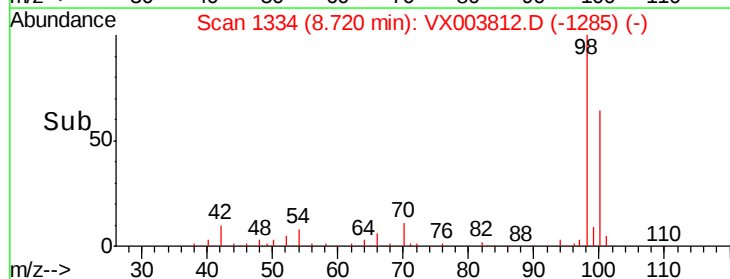
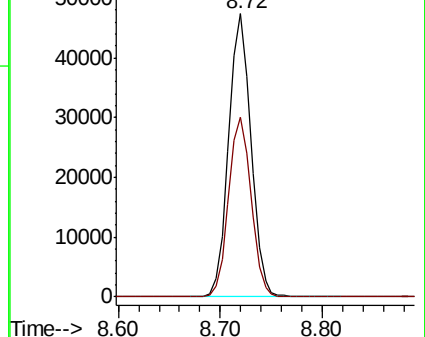
98 100

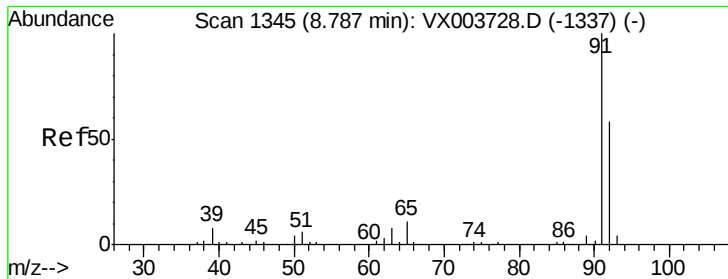
100 63.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.112 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003812.D

Acq: 01 Aug 2018 23:01

Instrument :

MSVOA_X

ClientSampleId :

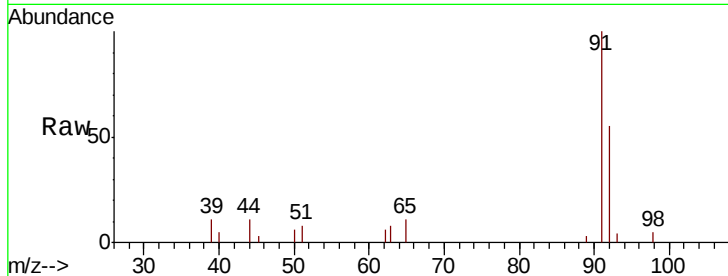
SB-6(3-5)RE

Tot Ion: 92 Resp: 1385

Ion Ratio Lower Upper

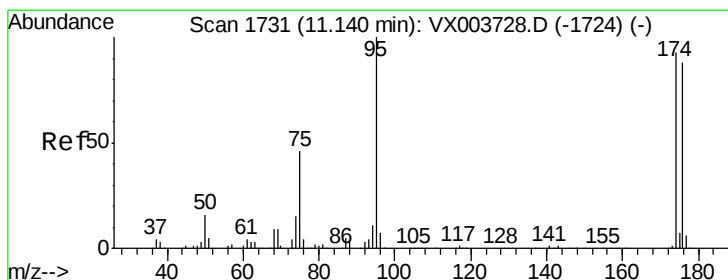
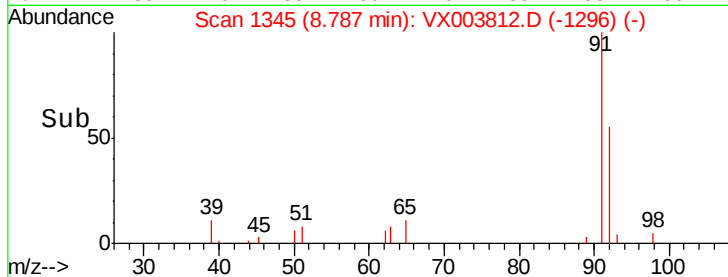
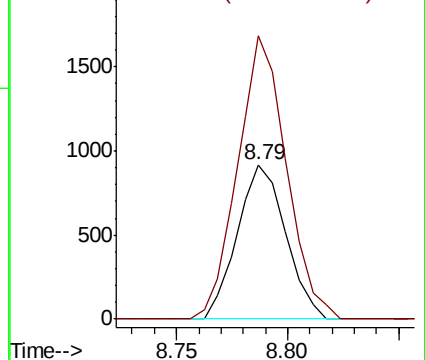
92 100

91 185.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 31.336 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003812.D

Acq: 01 Aug 2018 23:01

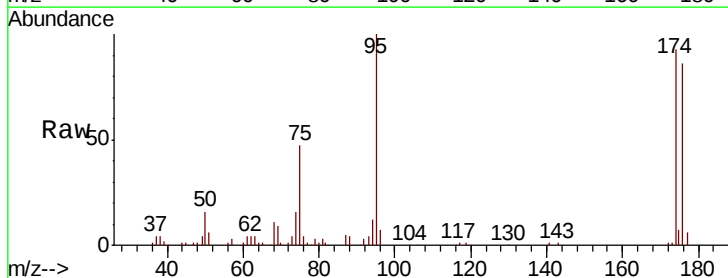
Tgt Ion: 95 Resp: 21112

Ion Ratio Lower Upper

95 100

174 95.1 0.0 186.2

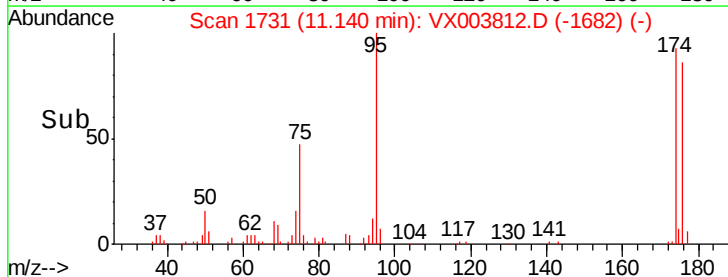
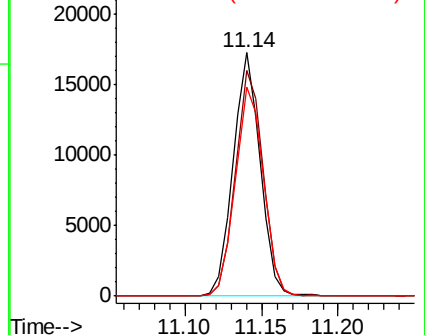
176 89.7 0.0 179.2

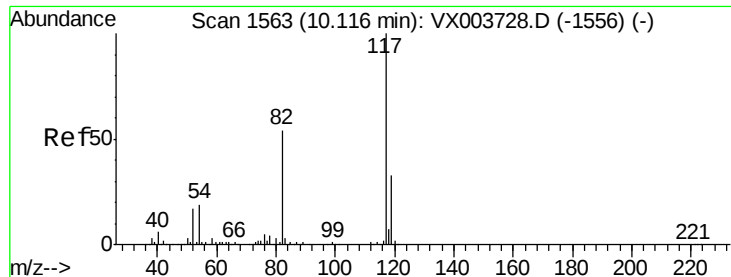


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

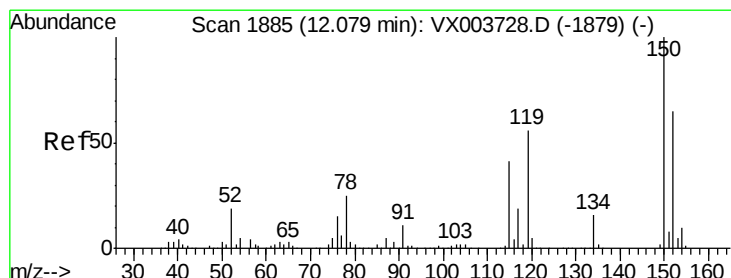
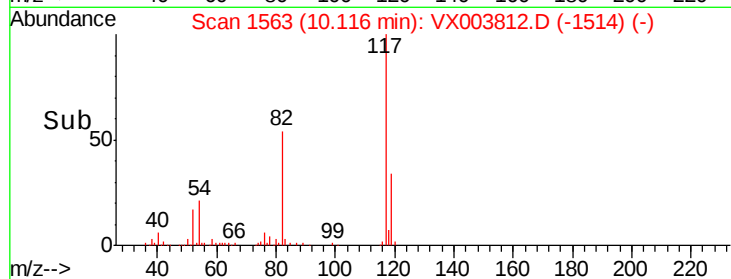
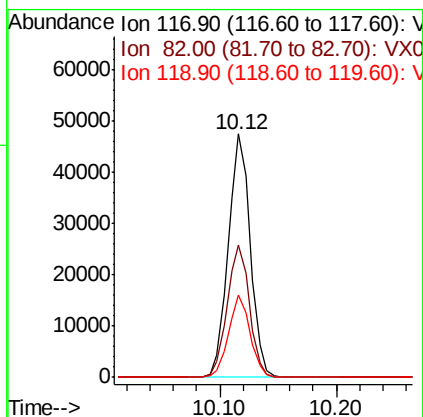
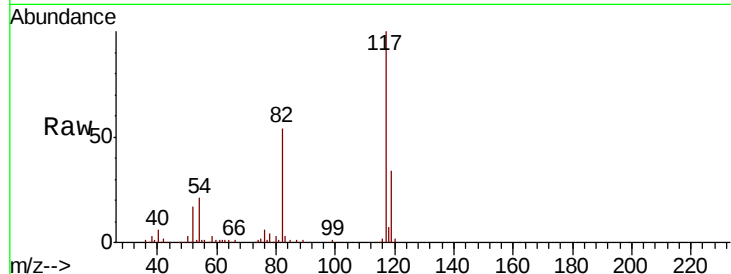




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003812.D
Acq: 01 Aug 2018 23:01

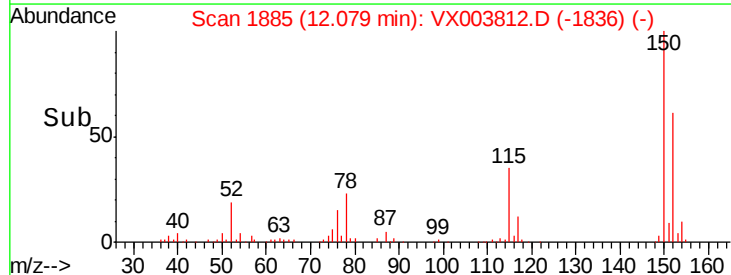
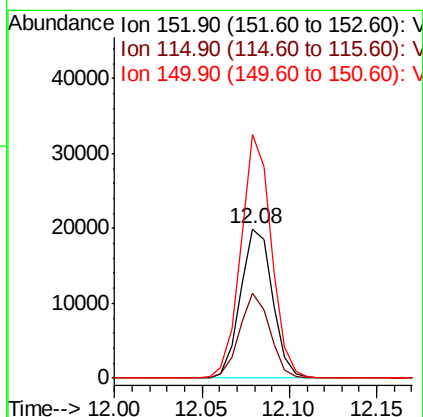
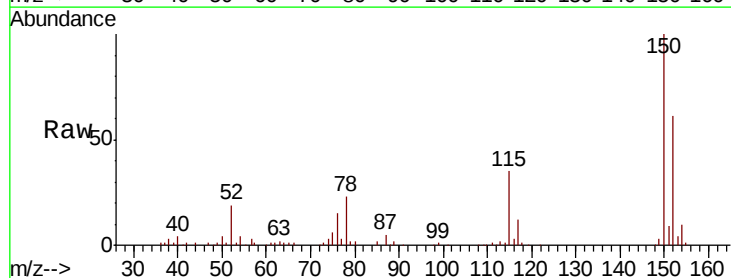
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SB-6(3-5)RE

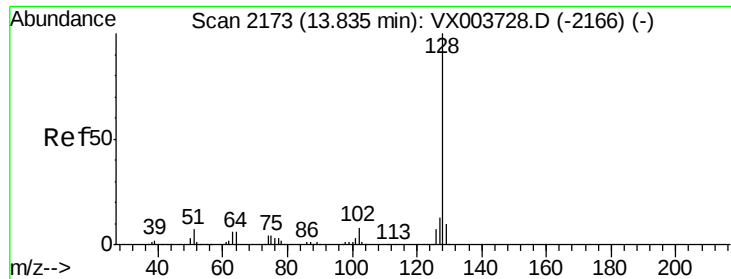
Tot Ion:117 Resp: 62413
Ion Ratio Lower Upper
117 100
82 54.4 43.2 64.8
119 33.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003812.D
Acq: 01 Aug 2018 23:01

Tgt Ion:152 Resp: 25337
Ion Ratio Lower Upper
152 100
115 54.0 38.5 115.3
150 154.8 0.0 346.2





#95

Naphthalene

Concen: 21.948 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003812.D

Acq: 01 Aug 2018 23:01

Instrument :

MSVOA_X

ClientSampleId :

SB-6(3-5)RE

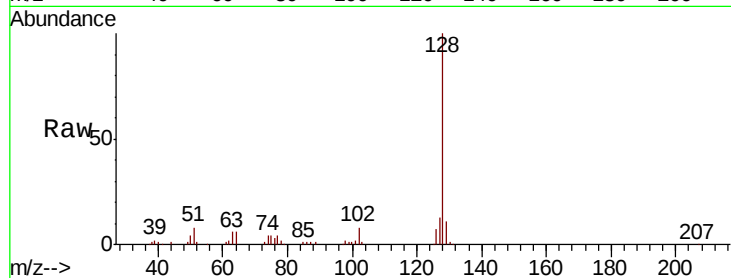
Tot Ion:128 Resp: 28984

Ion Ratio Lower Upper

128 100

127 12.9 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

