

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100218\
 Data File : VF060400.D
 Acq On : 2 Oct 2018 14:17
 Operator : VA/AP
 Sample : J4771-05RE
 Misc : 5.21/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-092718RE

Quant Time: Oct 02 15:38:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

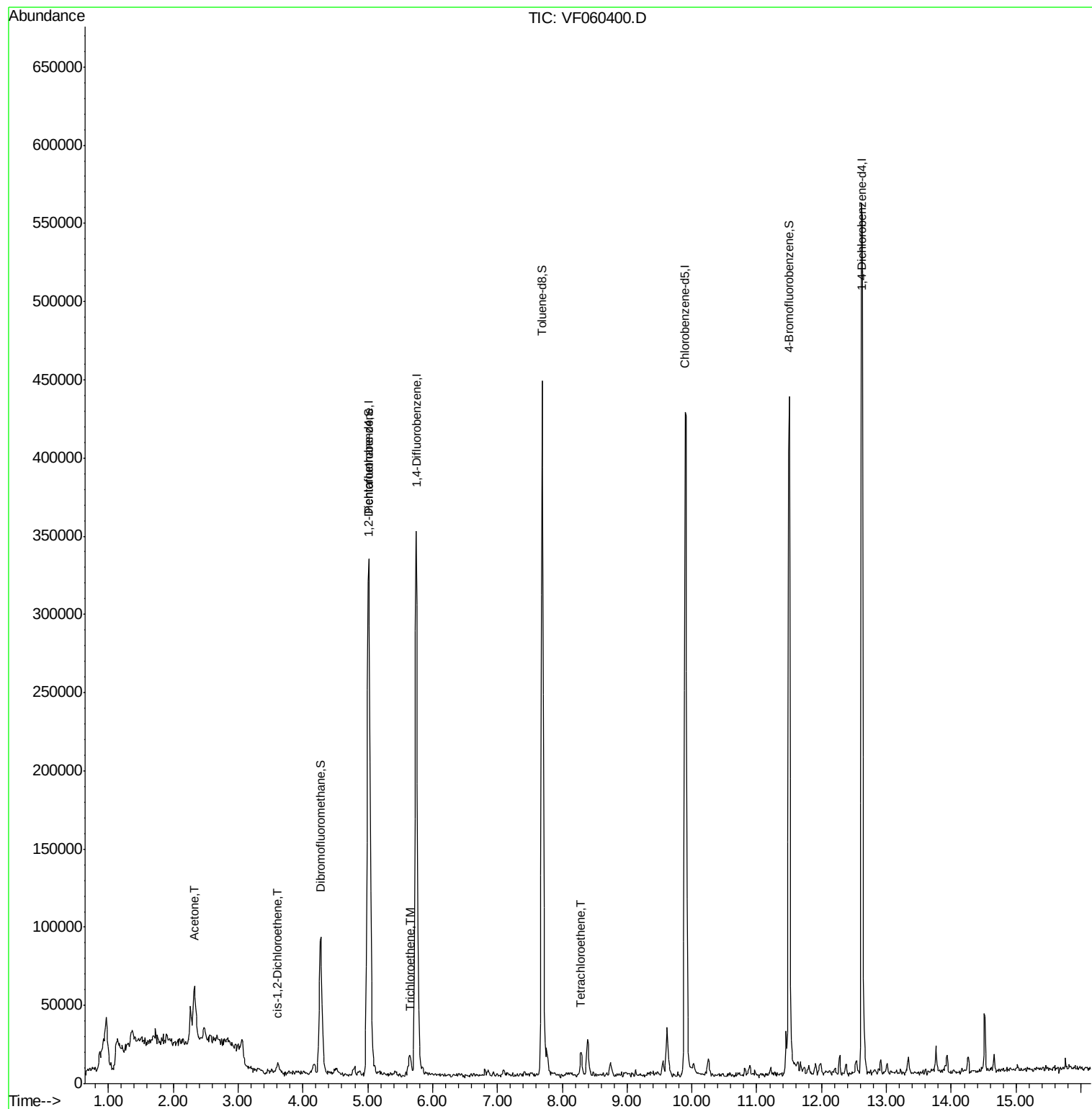
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	202295	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.75	114	361320	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	298355	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	146636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	169269	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
35) Dibromofluoromethane	4.28	113	80777	23.80	ug/l	0.02
Spiked Amount 50.000			Recovery	=	47.60%	
50) Toluene-d8	7.69	98	359229	42.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.94%	
62) 4-Bromofluorobenzene	11.50	95	158967	41.65	ug/l	0.02
Spiked Amount 50.000			Recovery	=	83.30%	
Target Compounds						
16) Acetone	2.33	43	32299	28.541	ug/l #	89
27) cis-1,2-Dichloroethene	3.62	96	2997	1.094	ug/l	92
44) Trichloroethene	5.66	130	4693	1.654	ug/l	65
64) Tetrachloroethene	8.30	164	3819	1.610	ug/l #	73

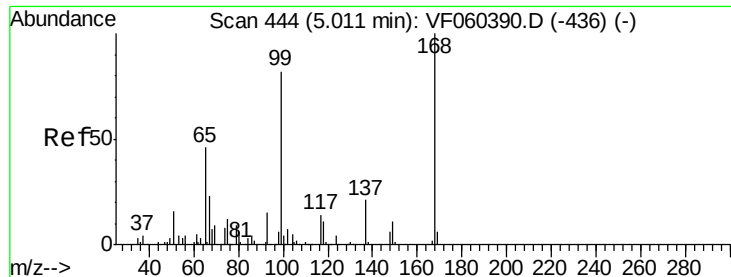
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. 0.02 min

Lab File: VF060400.D

Acq: 2 Oct 2018 14:17

Instrument :

MSVOA_F

ClientSampleId :

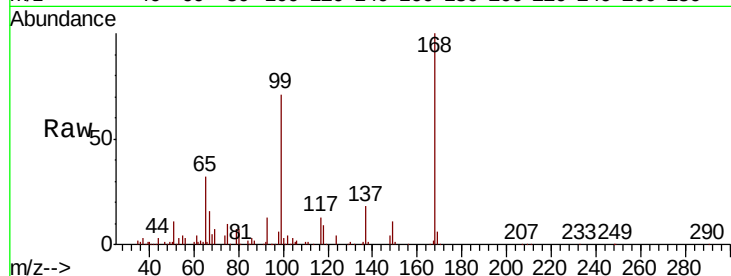
NB-08-092718RE

Tot Ion:168 Resp: 202295

Ion Ratio Lower Upper

168 100

99 71.3 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

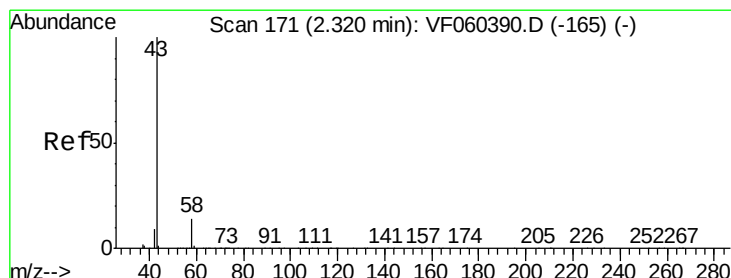
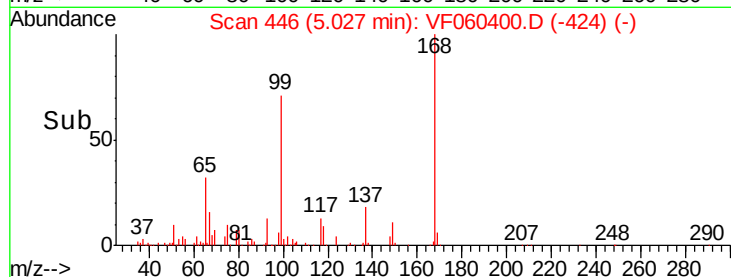
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 28.541 ug/l

RT: 2.33 min Scan# 172

Delta R.T. 0.01 min

Lab File: VF060400.D

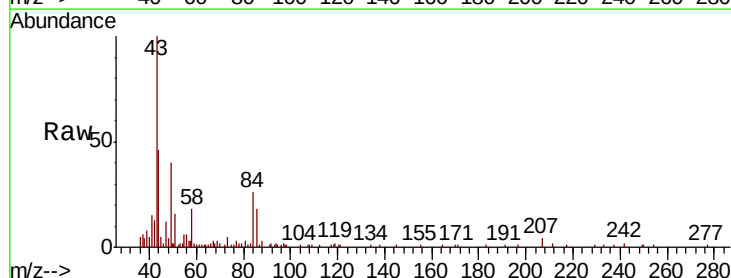
Acq: 2 Oct 2018 14:17

Tgt Ion: 43 Resp: 32299

Ion Ratio Lower Upper

43 100

58 18.4 11.2 16.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

15000

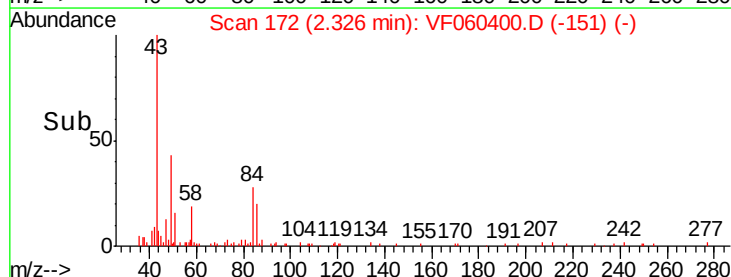
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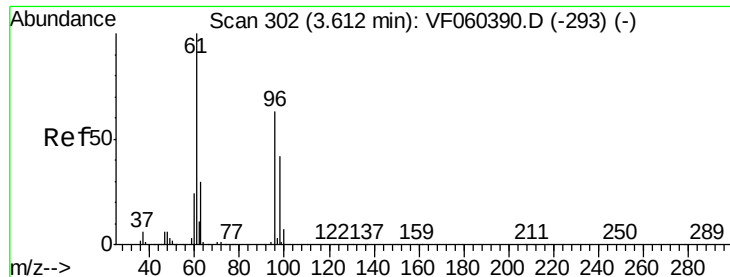
5000

0

Time-->

2.20 2.30 2.40



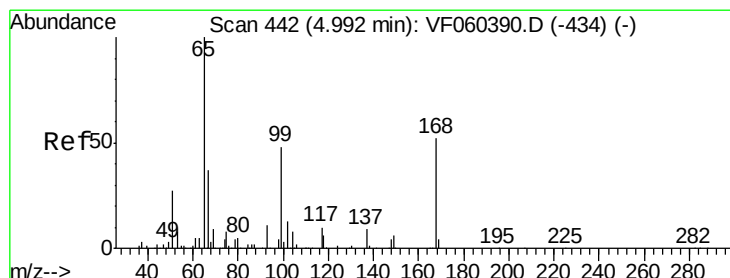
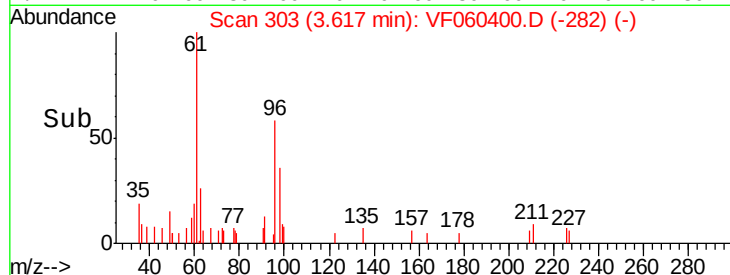
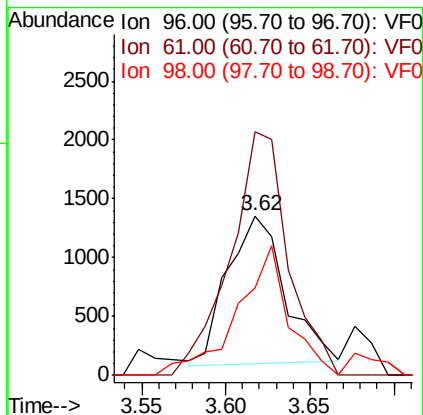
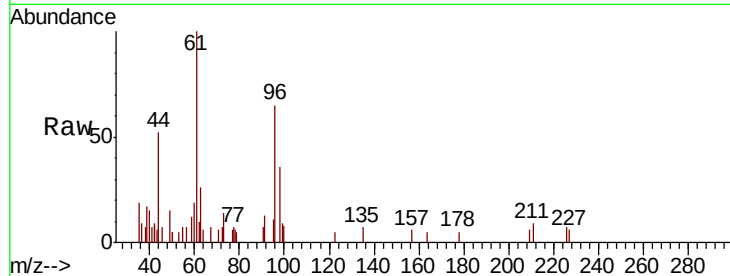


#27

cis-1,2-Dichloroethene
 Concen: 1.094 ug/l
 RT: 3.62 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VF060400.D
 Acq: 2 Oct 2018 14:17

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-092718RE

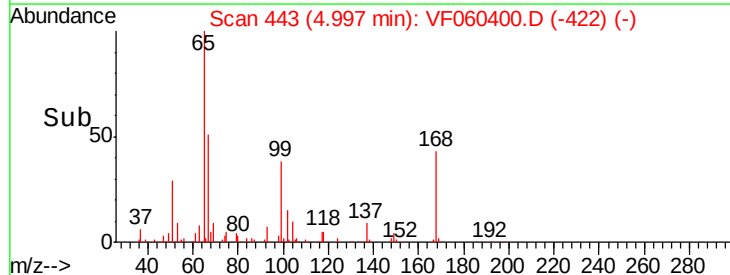
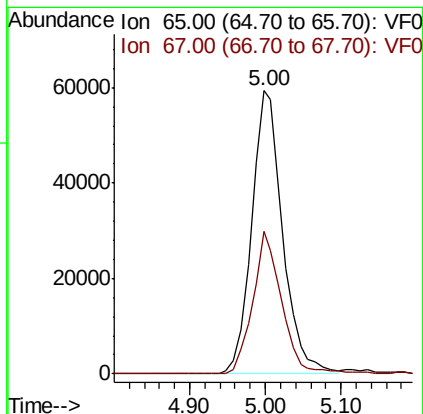
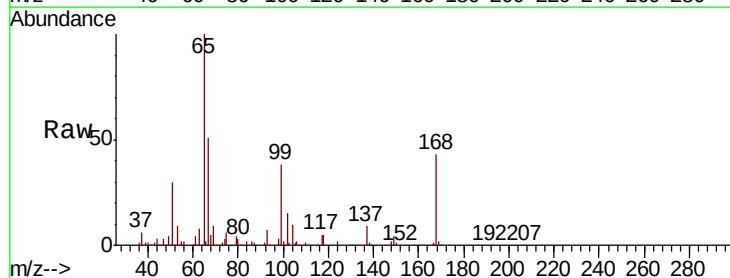
Tot Ion: 96 Resp: 2997
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 318.2
 98 54.8 0.0 134.0

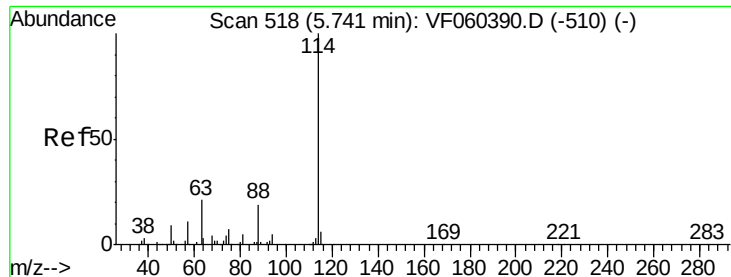


#33

1,2-Dichloroethane-d4
 Concen: 53.474 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VF060400.D
 Acq: 2 Oct 2018 14:17

Tgt Ion: 65 Resp: 169269
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 89.4

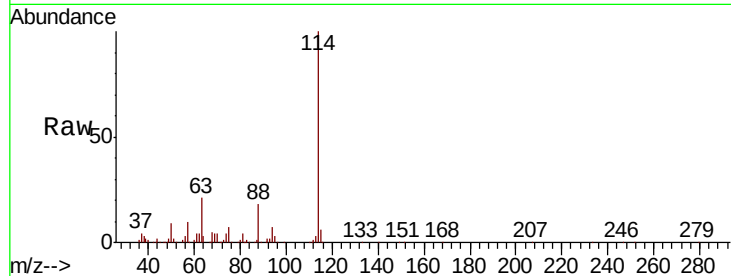




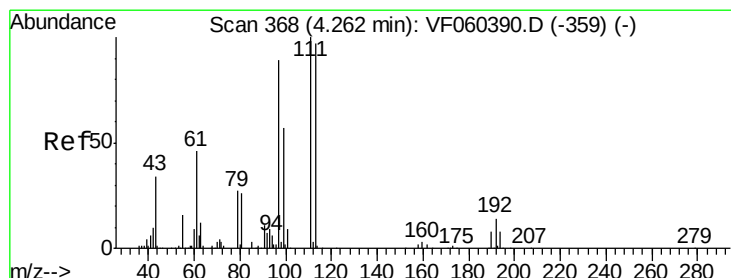
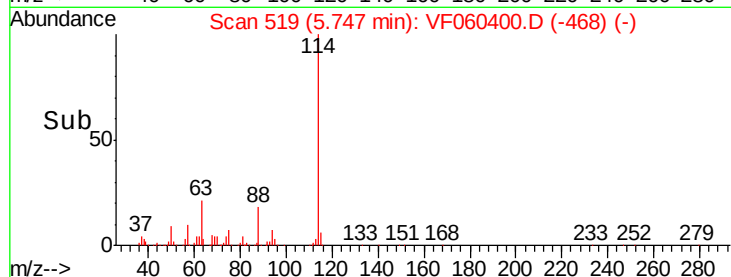
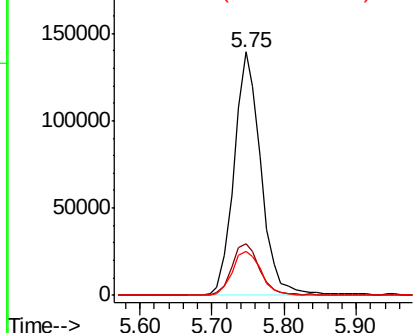
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VF060400.D
 Acq: 2 Oct 2018 14:17

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-092718RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.2
88	17.8	0.0	38.8

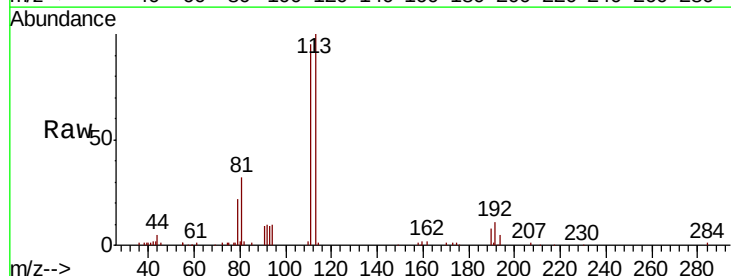


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

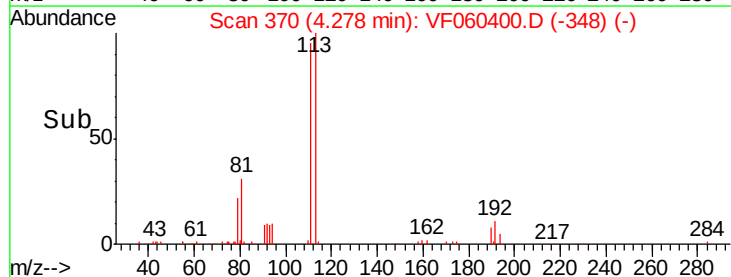
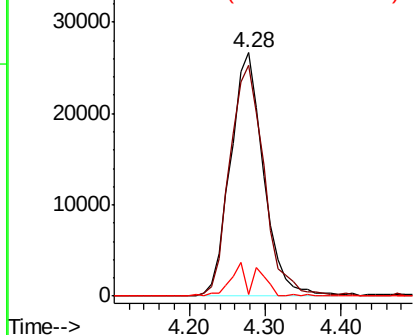


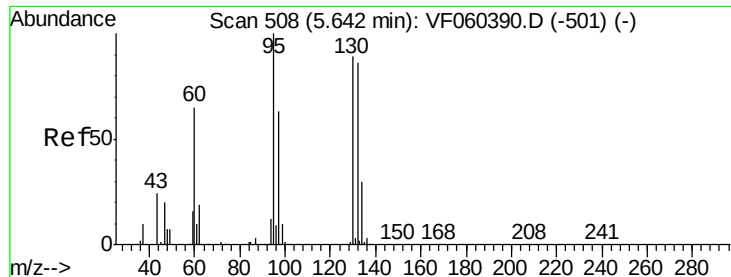
#35
 Dibromofluoromethane
 Concen: 23.797 ug/l
 RT: 4.28 min Scan# 370
 Delta R.T. 0.02 min
 Lab File: VF060400.D
 Acq: 2 Oct 2018 14:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	94.8	82.3	123.5
192	0.5	11.8	17.6#



Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V





#44

Trichloroethene

Concen: 1.654 ug/l

RT: 5.66 min Scan# 510

Delta R.T. 0.02 min

Lab File: VF060400.D

Acq: 2 Oct 2018 14:17

Instrument :

MSVOA_F

ClientSampleId :

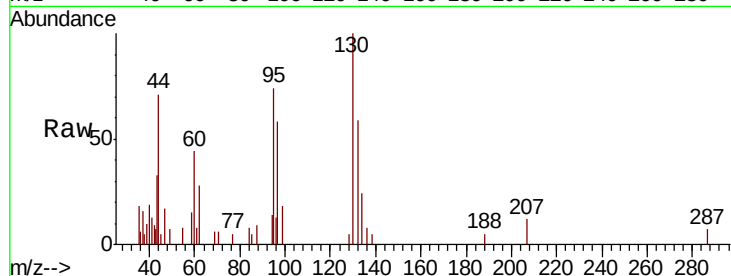
NB-08-092718RE

Tot Ion:130 Resp: 4693

Ion Ratio Lower Upper

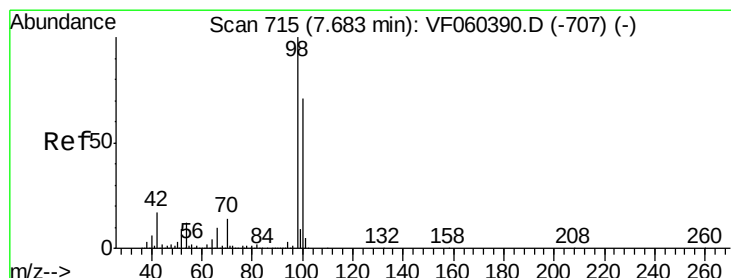
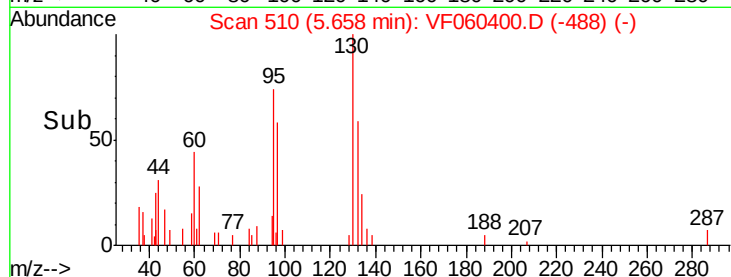
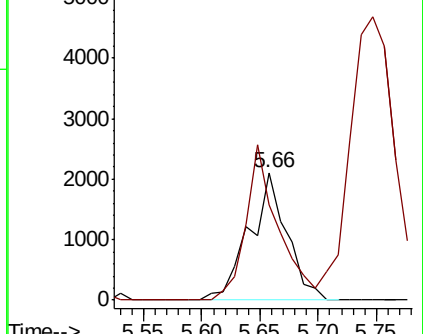
130 100

95 74.4 0.0 224.4



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0



#50

Toluene-d8

Concen: 42.972 ug/l

RT: 7.69 min Scan# 716

Delta R.T. 0.01 min

Lab File: VF060400.D

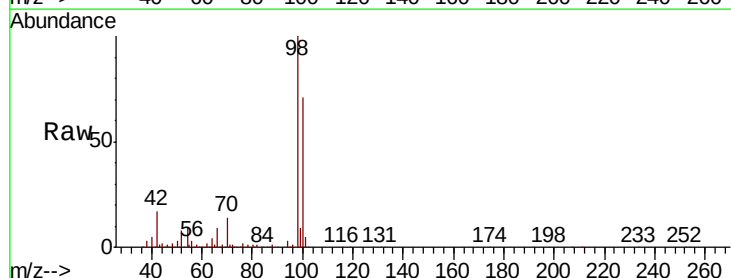
Acq: 2 Oct 2018 14:17

Tgt Ion: 98 Resp: 359229

Ion Ratio Lower Upper

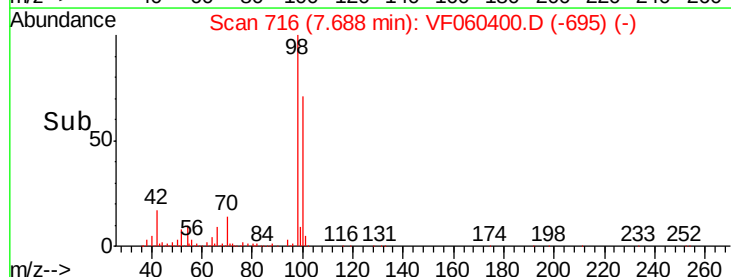
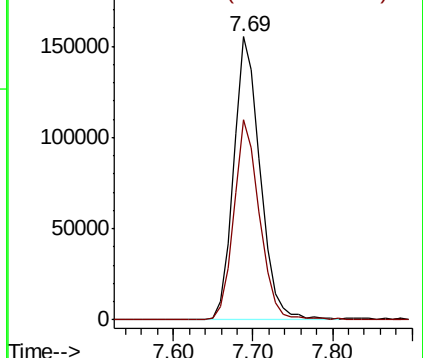
98 100

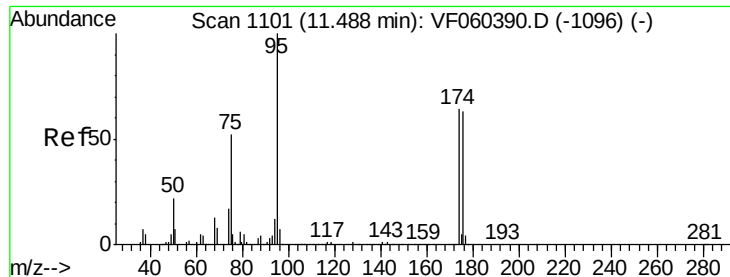
100 70.7 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 41.647 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. 0.02 min

Lab File: VF060400.D

Acq: 2 Oct 2018 14:17

Instrument :

MSVOA_F

ClientSampleId :

NB-08-092718RE

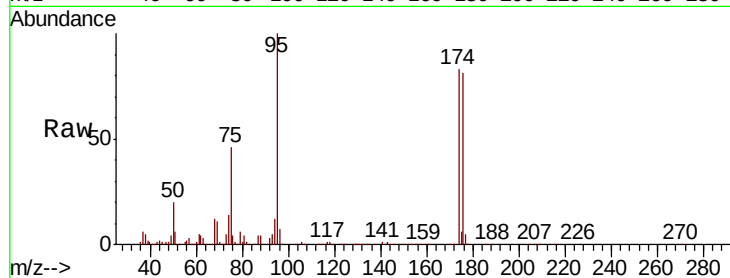
Tot Ion: 95 Resp: 158967

Ion Ratio Lower Upper

95 100

174 82.6 0.0 129.0

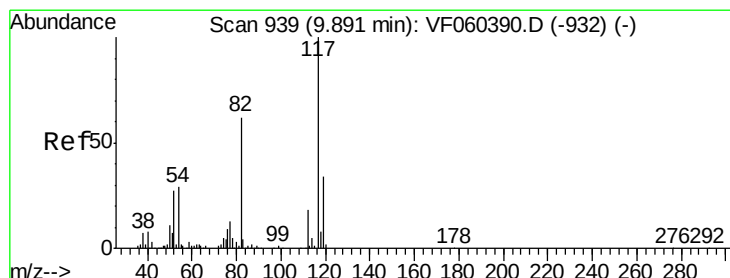
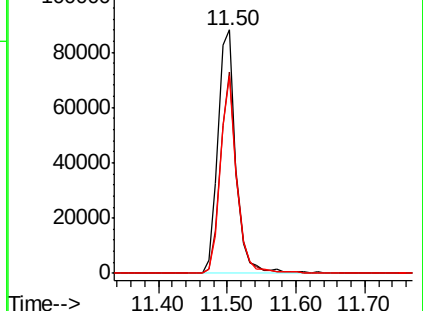
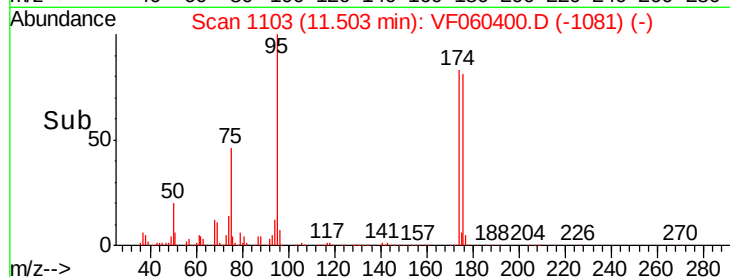
176 81.3 0.0 125.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 941

Delta R.T. 0.02 min

Lab File: VF060400.D

Acq: 2 Oct 2018 14:17

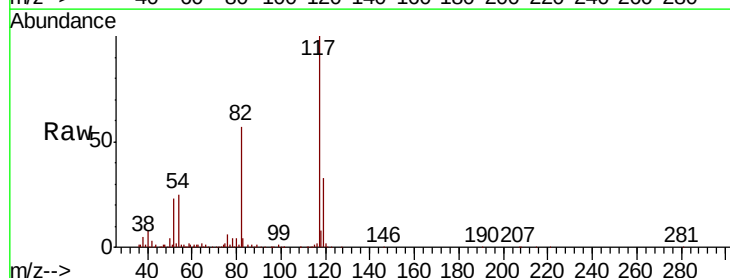
Tgt Ion: 117 Resp: 298355

Ion Ratio Lower Upper

117 100

82 57.3 49.5 74.3

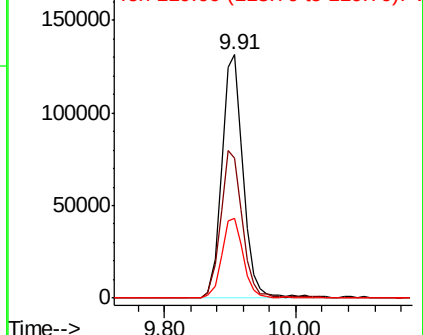
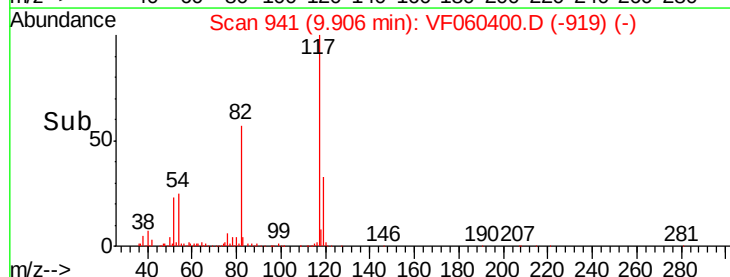
119 32.8 27.0 40.6

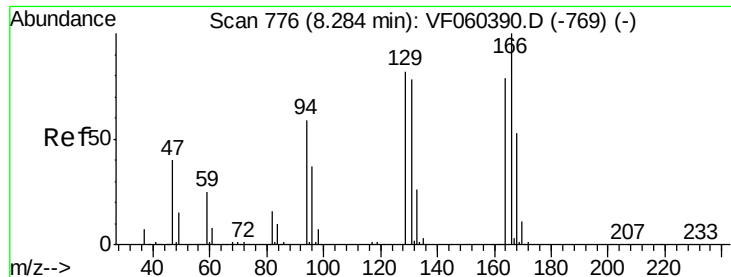


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#64

Tetrachloroethene

Concen: 1.610 ug/l

RT: 8.30 min Scan# 778

Delta R.T. 0.02 min

Lab File: VF060400.D

Acq: 2 Oct 2018 14:17

Instrument :

MSVOA_F

ClientSampleId :

NB-08-092718RE

Tot Ion:164 Resp: 3819

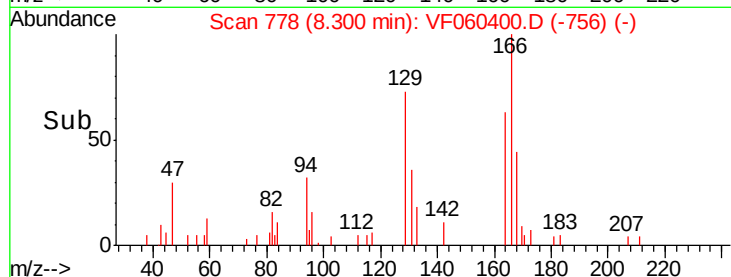
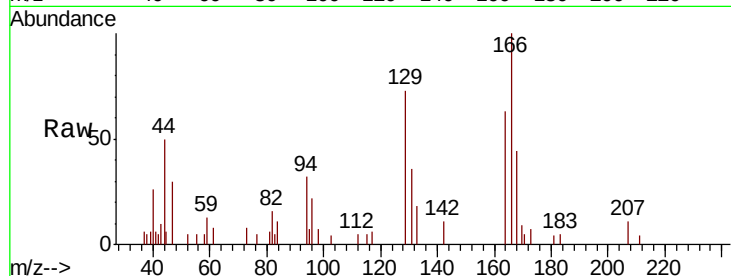
Ion Ratio Lower Upper

164 100

166 157.6 101.0 151.6#

129 115.2 82.5 123.7

131 57.0 79.2 118.8#

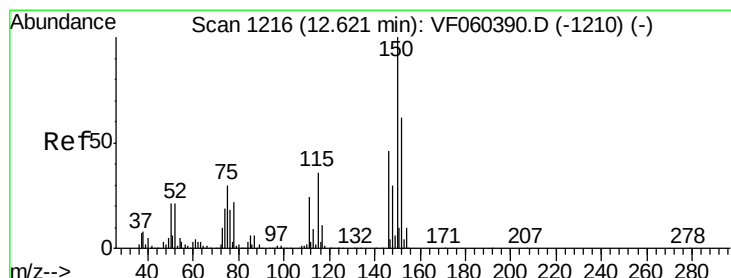
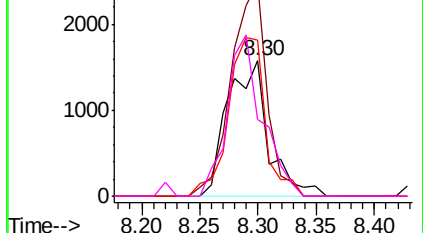


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VF060400.D

Acq: 2 Oct 2018 14:17

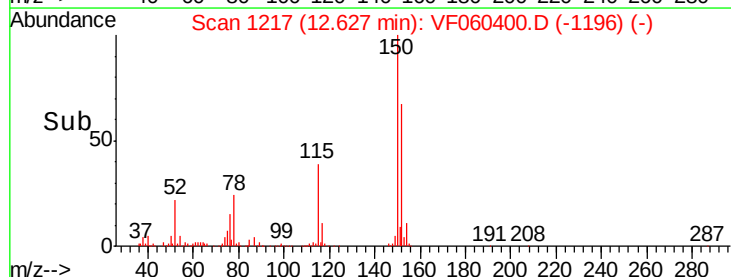
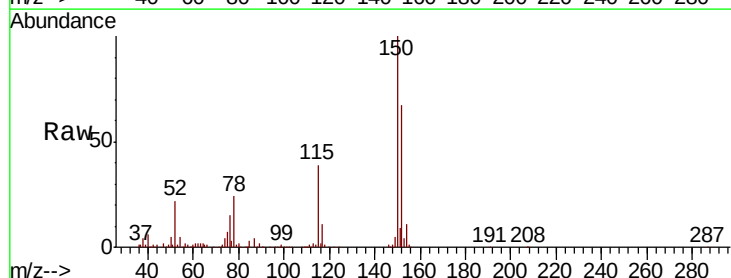
Tgt Ion:152 Resp: 146636

Ion Ratio Lower Upper

152 100

115 57.8 28.6 85.8

150 148.9 0.0 324.6



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

