

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
 Data File : VF061170.D
 Acq On : 24 Dec 2018 17:36
 Operator : VA/AP
 Sample : J6389-07RE
 Misc : 5.78g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS013-1218-01RE

Quant Time: Dec 25 00:50:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

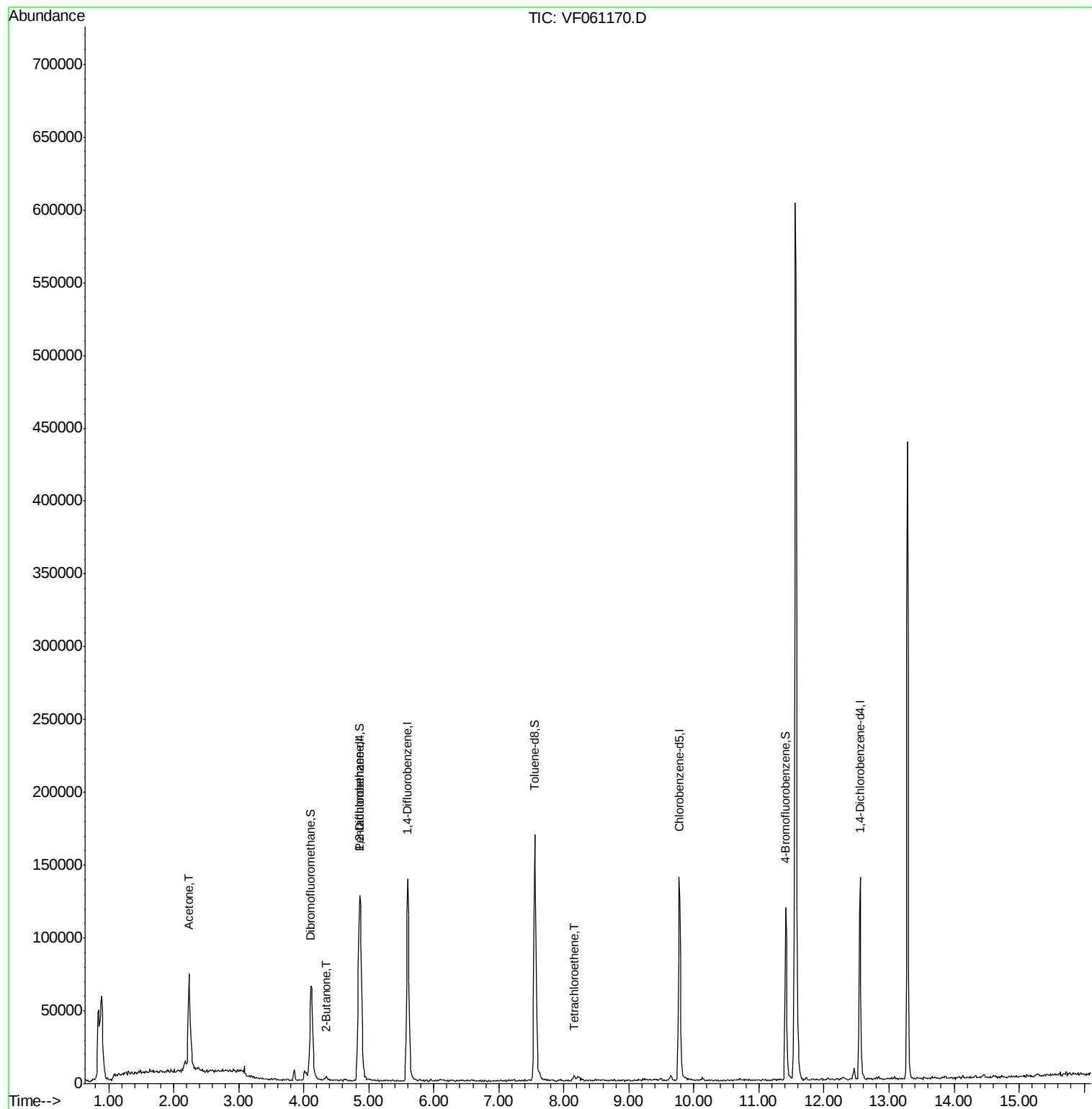
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	83663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	148398	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	101236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	33930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	60043	55.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.60%	
35) Dibromofluoromethane	4.11	113	63143	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
50) Toluene-d8	7.55	98	143646	42.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.28%	
62) 4-Bromofluorobenzene	11.41	95	46647	30.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.08%	
Target Compounds						
16) Acetone	2.24	43	117266	545.134	ug/l #	93
25) 2-Butanone	4.34	43	6158	17.651	ug/l	99
64) Tetrachloroethene	8.17	164	1191	1.529	ug/l #	78

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

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.00 min

Lab File: VF061170.D

Acq: 24 Dec 2018 17:36

Instrument :

MSVOA_F

ClientSampleId :

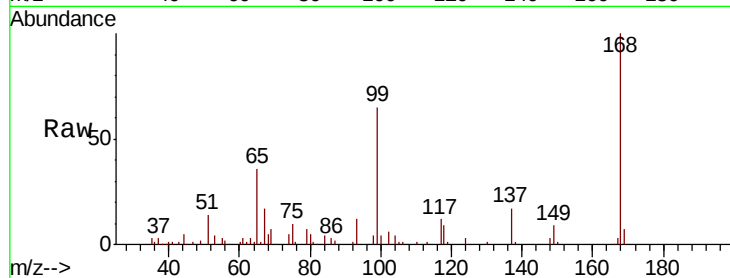
P001-SS013-1218-01RE

Tot Ion:168 Resp: 83663

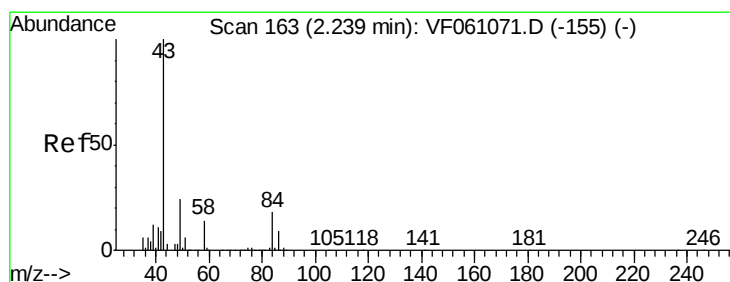
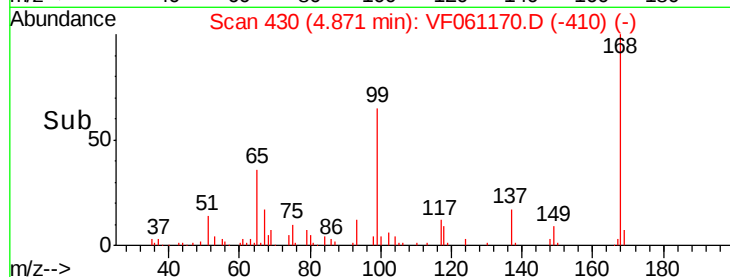
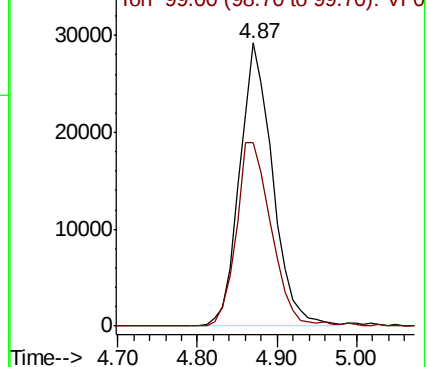
Ion Ratio Lower Upper

168 100

99 64.9 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 545.134 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.00 min

Lab File: VF061170.D

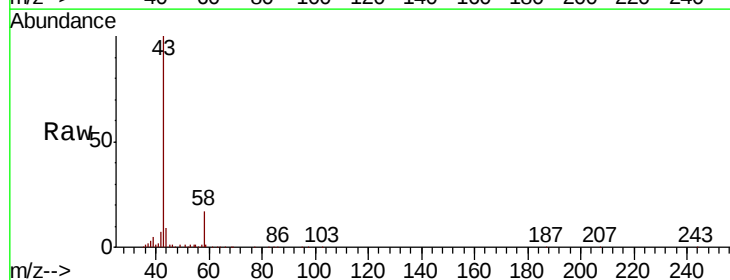
Acq: 24 Dec 2018 17:36

Tgt Ion: 43 Resp: 117266

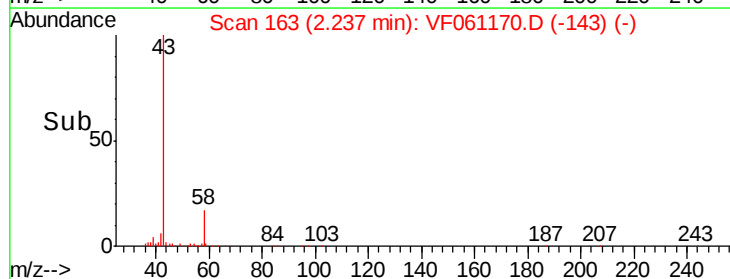
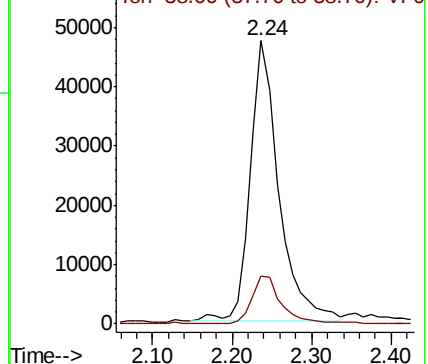
Ion Ratio Lower Upper

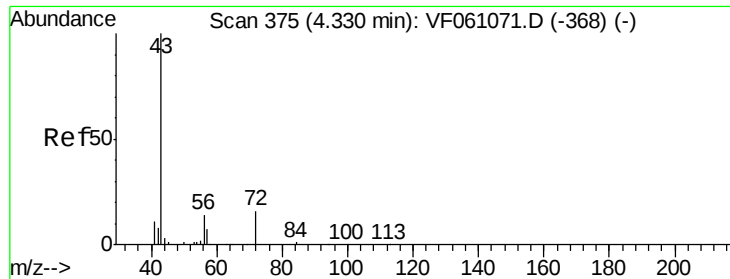
43 100

58 16.7 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0





#25

2-Butanone

Concen: 17.651 ug/l

RT: 4.34 min Scan# 376

Delta R.T. 0.01 min

Lab File: VF061170.D

Acq: 24 Dec 2018 17:36

Instrument :

MSVOA_F

ClientSampleId :

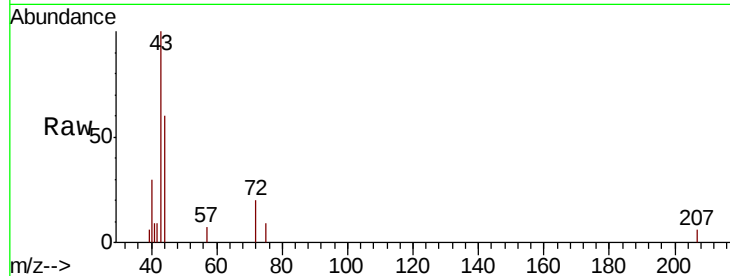
P001-SS013-1218-01RE

Tot Ion: 43 Resp: 6158

Ion Ratio Lower Upper

43 100

72 20.0 15.6 23.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.34

1500

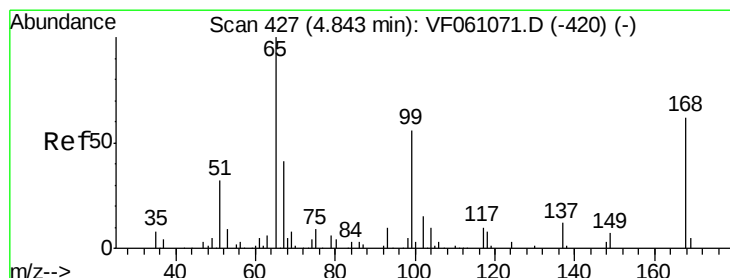
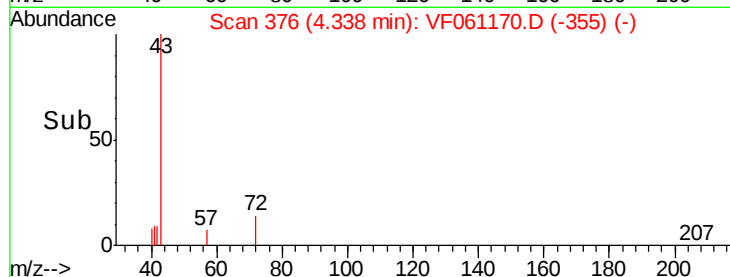
1000

500

0

4.20 4.30 4.40 4.50

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.799 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.01 min

Lab File: VF061170.D

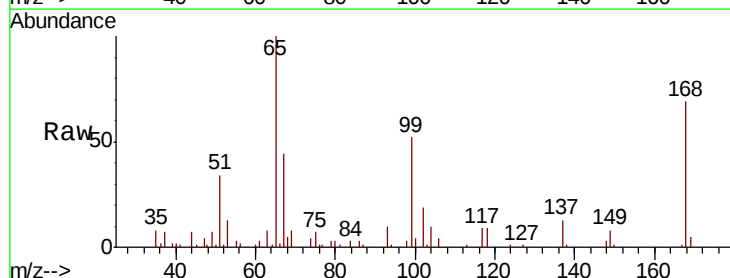
Acq: 24 Dec 2018 17:36

Tgt Ion: 65 Resp: 60043

Ion Ratio Lower Upper

65 100

67 43.7 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

25000

20000

15000

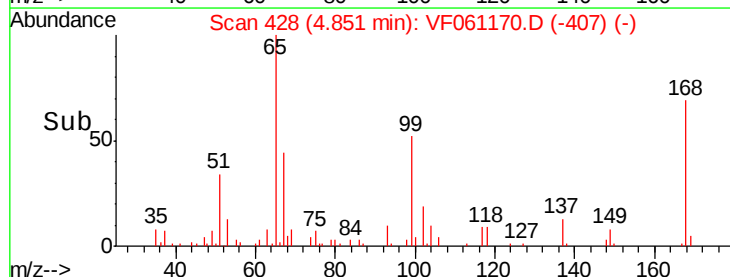
10000

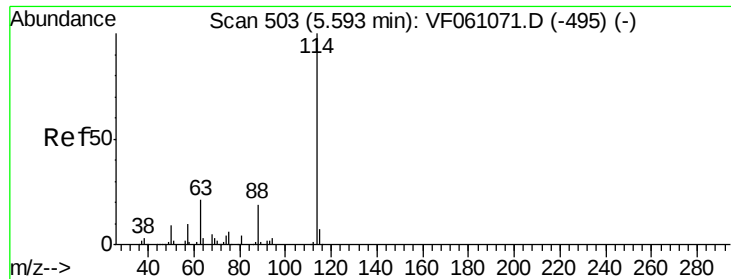
5000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF061170.D

Acq: 24 Dec 2018 17:36

Instrument :

MSVOA_F

ClientSampleId :

P001-SS013-1218-01RE

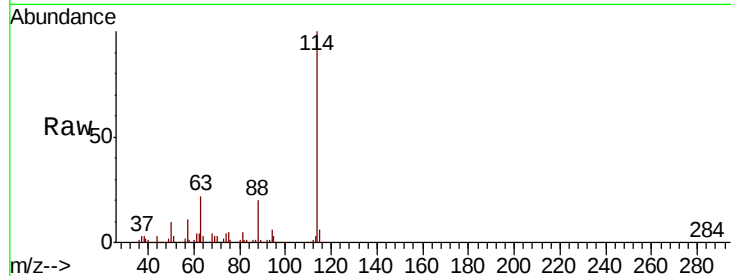
Tot Ion:114 Resp: 148398

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.6

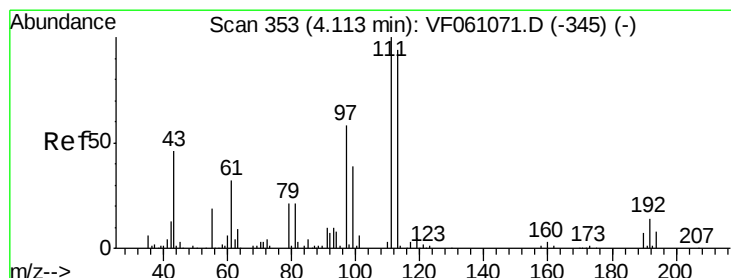
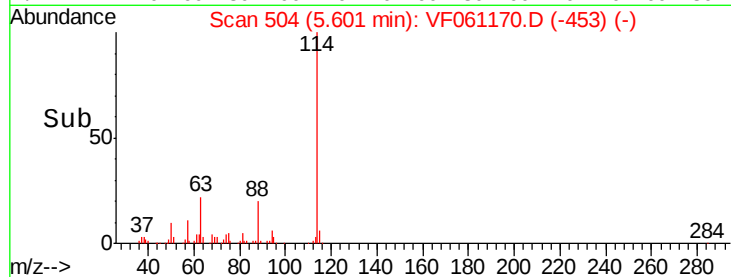
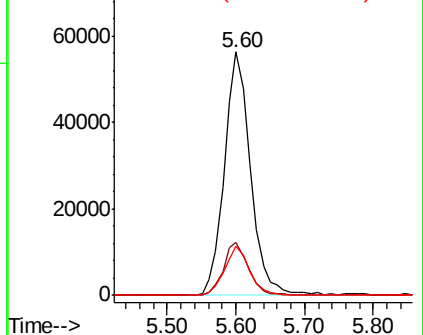
88 20.0 0.0 38.0



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: 53.117 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF061170.D

Acq: 24 Dec 2018 17:36

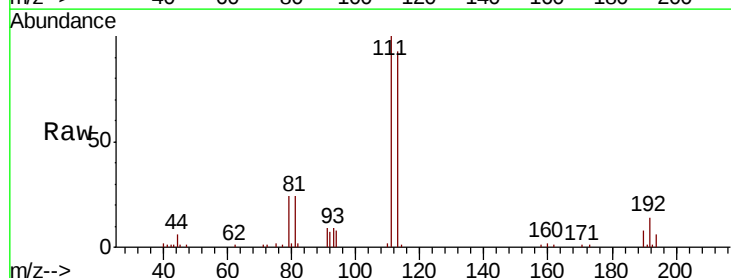
Tgt Ion:113 Resp: 63143

Ion Ratio Lower Upper

113 100

111 107.1 85.2 127.8

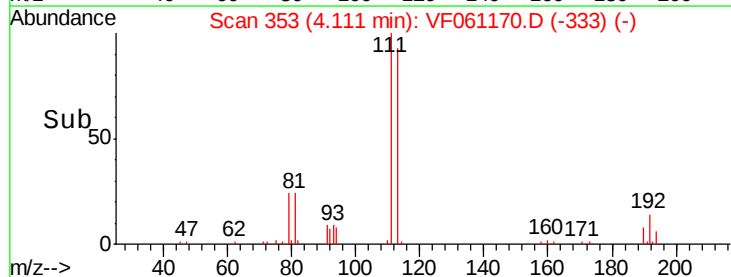
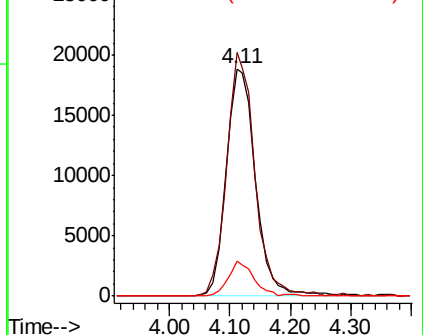
192 16.2 12.8 19.2

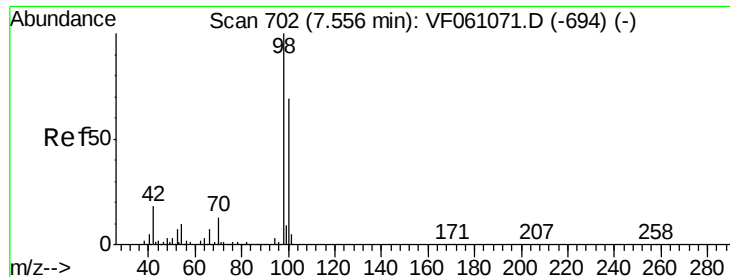


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 42.640 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.00 min

Lab File: VF061170.D

Acq: 24 Dec 2018 17:36

Instrument :

MSVOA_F

ClientSampleId :

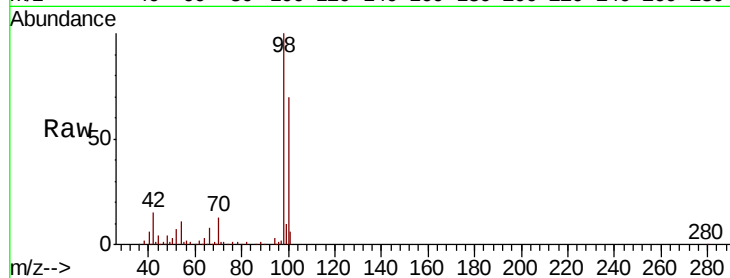
P001-SS013-1218-01RE

Tot Ion: 98 Resp: 143646

Ion Ratio Lower Upper

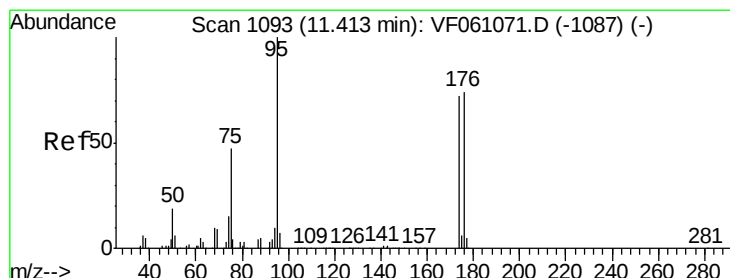
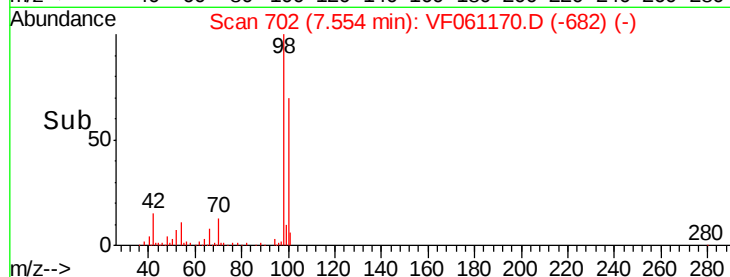
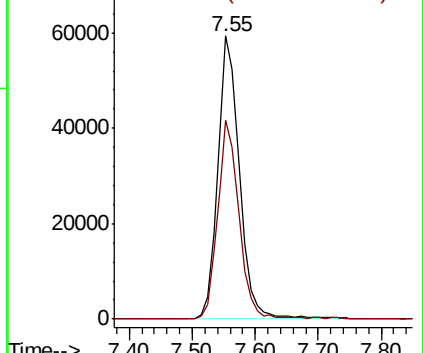
98 100

100 70.3 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 30.036 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF061170.D

Acq: 24 Dec 2018 17:36

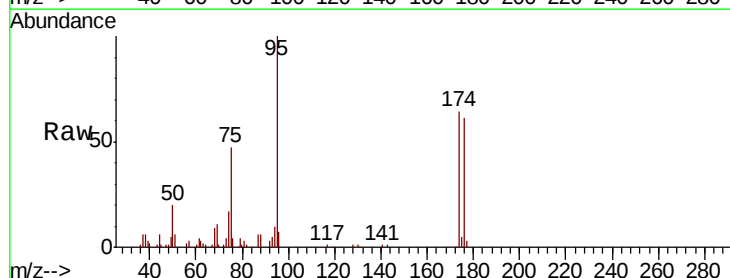
Tgt Ion: 95 Resp: 46647

Ion Ratio Lower Upper

95 100

174 63.9 0.0 143.8

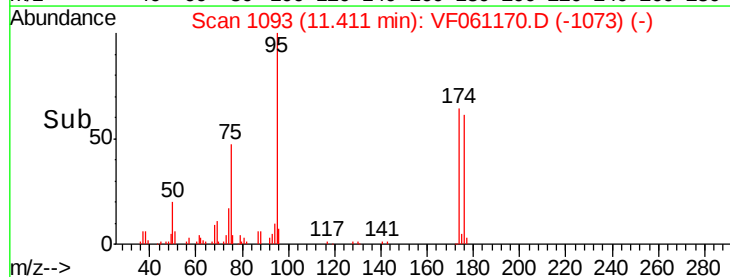
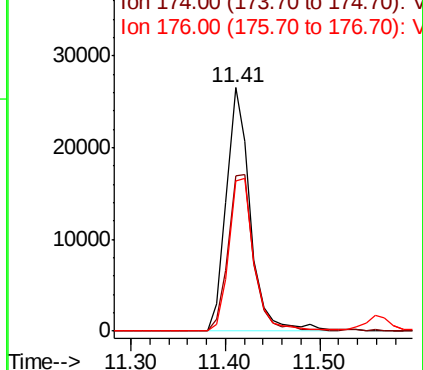
176 61.4 0.0 147.6

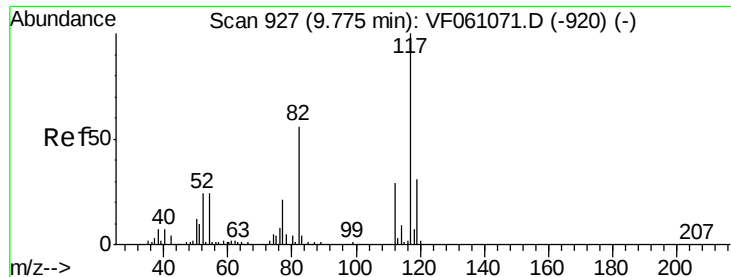


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

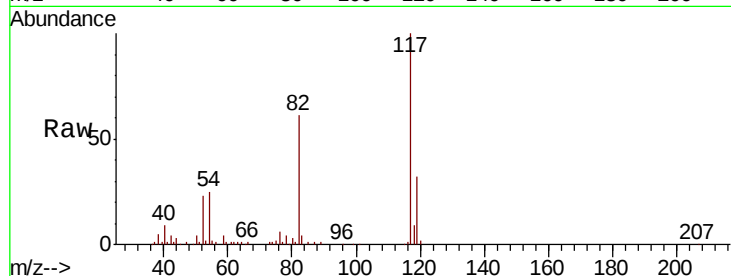




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.00 min
Lab File: VF061170.D
Acq: 24 Dec 2018 17:36

Instrument :
MSVOA_F
ClientSampleId :
P001-SS013-1218-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.3	45.0	67.4
119	32.3	24.8	37.2

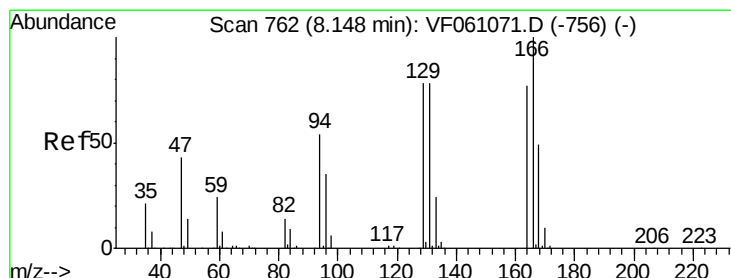
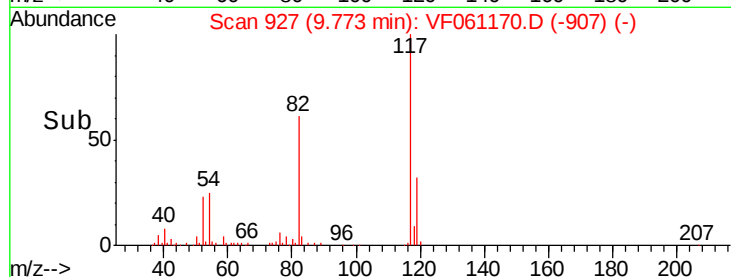
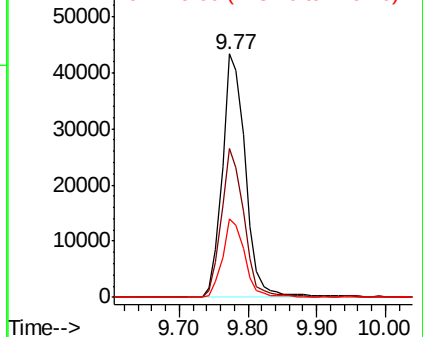


Abundance

Ion 117.00 (116.70 to 117.70): V

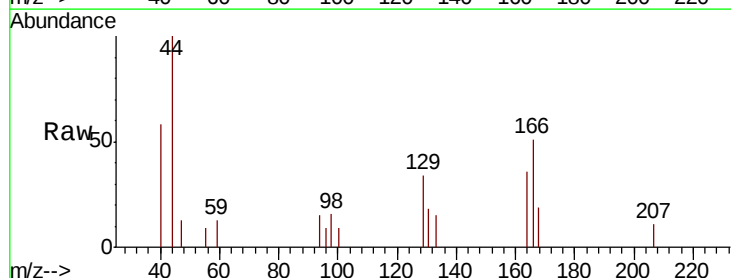
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#64
Tetrachloroethene
Concen: 1.529 ug/l
RT: 8.17 min Scan# 764
Delta R.T. 0.02 min
Lab File: VF061170.D
Acq: 24 Dec 2018 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	141.4	104.0	156.0
129	92.8	81.1	121.7
131	48.6	81.2	121.8#



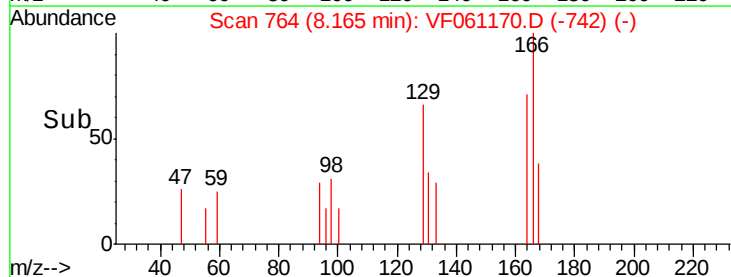
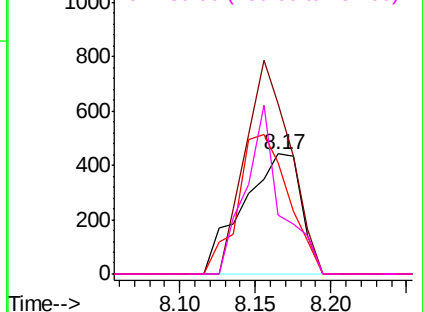
Abundance

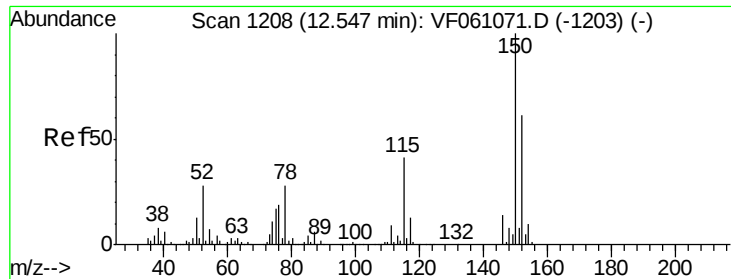
Ion 163.85 (163.55 to 164.55): V

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: 12.55 min Scan# 1209

Delta R.T. 0.01 min

Lab File: VF061170.D

Acq: 24 Dec 2018 17:36

Instrument :

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P001-SS013-1218-01RE

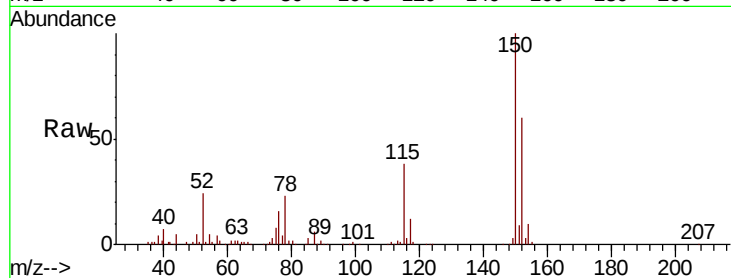
Tot Ion:152 Resp: 33930

Ion Ratio Lower Upper

152 100

115 63.0 33.3 99.9

150 165.4 0.0 328.2



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

