

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
 Data File : VF061211.D
 Acq On : 27 Dec 2018 16:40
 Operator : VA/AP
 Sample : J6447-05
 Misc : 5.71u/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS024-1824-01

Quant Time: Dec 28 05:51:37 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

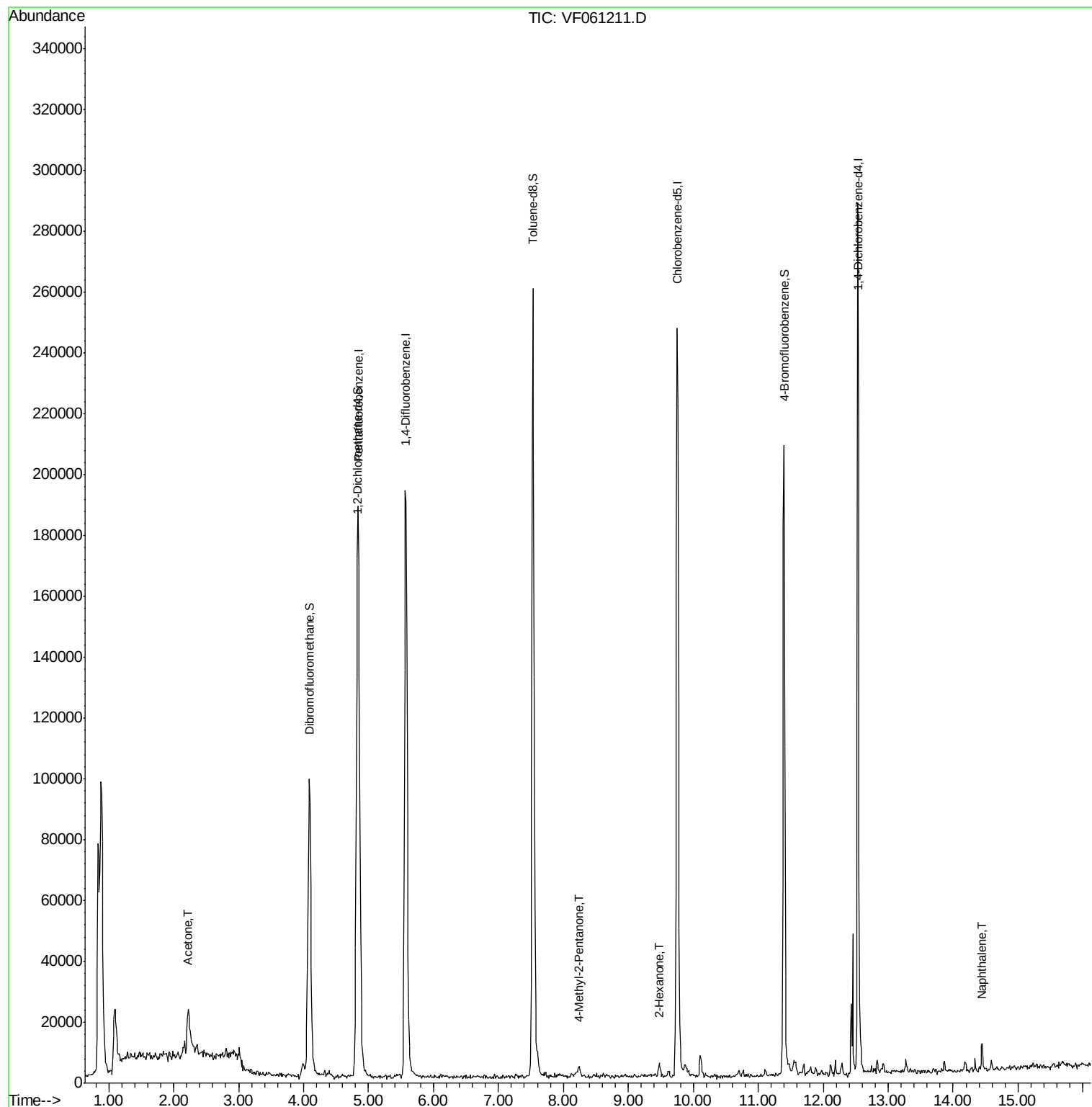
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	128081	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	219296	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	172644	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	67434	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	91946	55.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.62%	
35) Dibromofluoromethane	4.09	113	97671	55.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.20%	
50) Toluene-d8	7.53	98	215228	43.23	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.46%	
62) 4-Bromofluorobenzene	11.40	95	84816	36.96	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.92%	
Target Compounds						
16) Acetone	2.22	43	22357	67.888	ug/l	98
51) 4-Methyl-2-Pentanone	8.24	43	4251	4.850	ug/l #	73
59) 2-Hexanone	9.47	43	4379	6.908	ug/l	94
95) Naphthalene	14.45	128	6556	2.264	ug/l	96

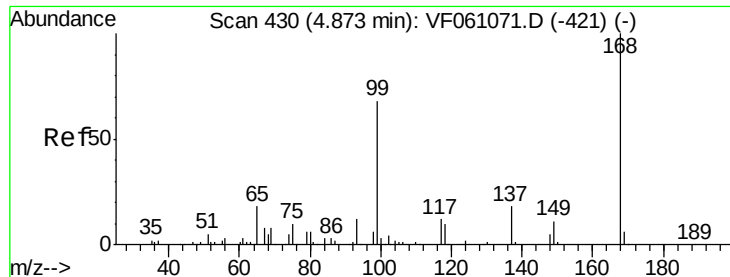
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122718\
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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: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061211.D

Acq: 27 Dec 2018 16:40

Instrument :

MSVOA_F

ClientSampleId :

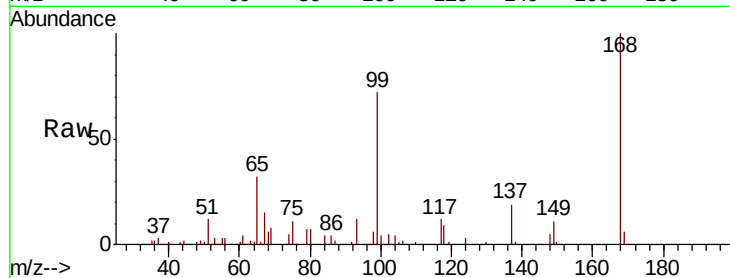
P001-SS024-1824-01

Tot Ion:168 Resp: 128081

Ion Ratio Lower Upper

168 100

99 71.8 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

40000

30000

20000

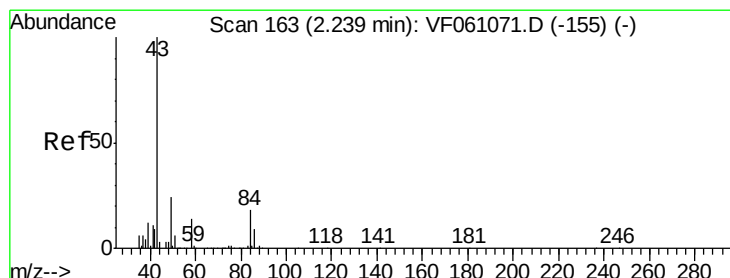
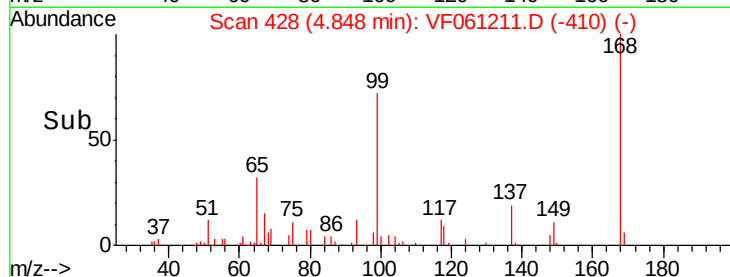
10000

0

4.80

5.00

Time-->



#16

Acetone

Concen: 67.888 ug/l

RT: 2.22 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF061211.D

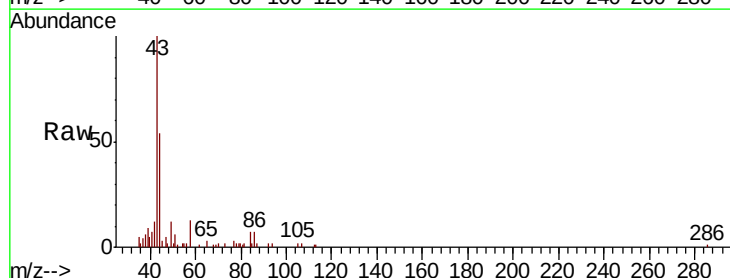
Acq: 27 Dec 2018 16:40

Tgt Ion: 43 Resp: 22357

Ion Ratio Lower Upper

43 100

58 13.2 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8000

6000

4000

2000

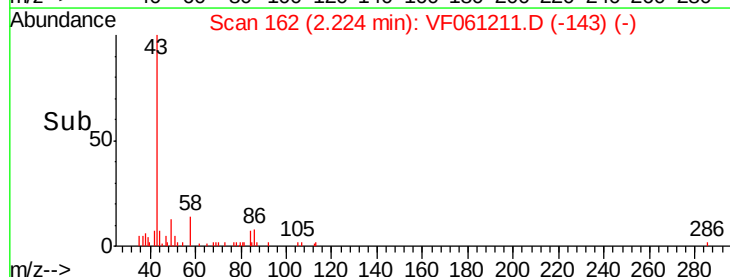
0

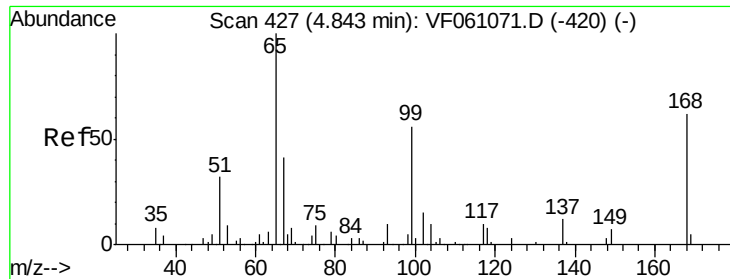
2.10

2.20

2.30

Time-->

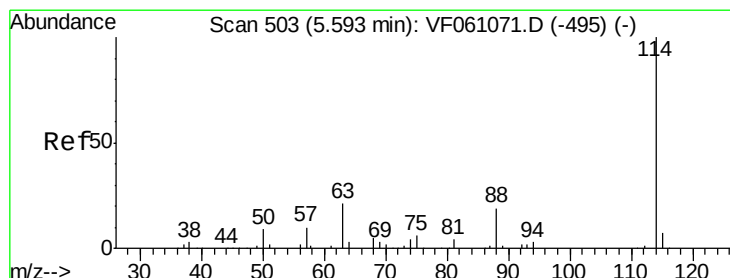
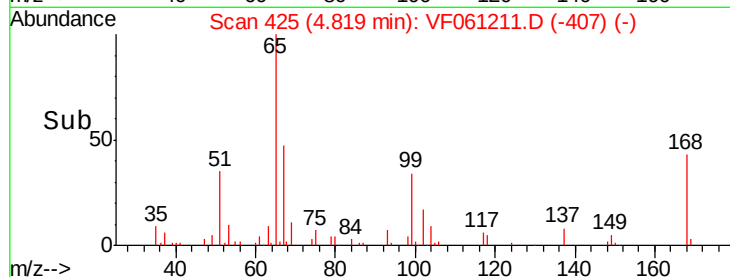
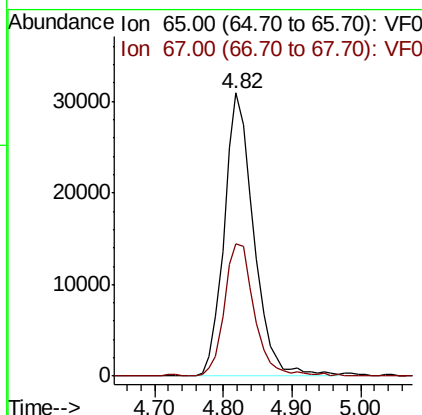
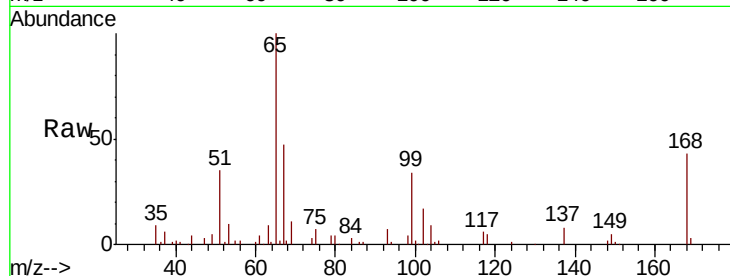




#33
 1,2-Dichloroethane-d4
 Concen: 55.815 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: VF061211.D
 Acq: 27 Dec 2018 16:40

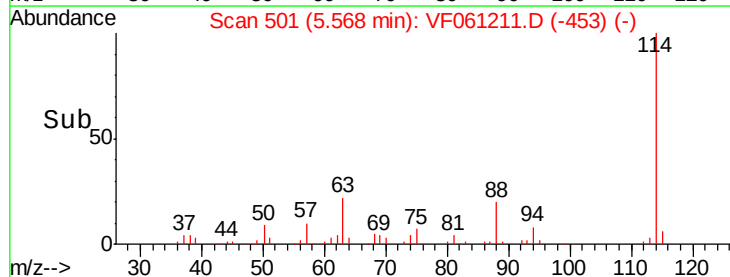
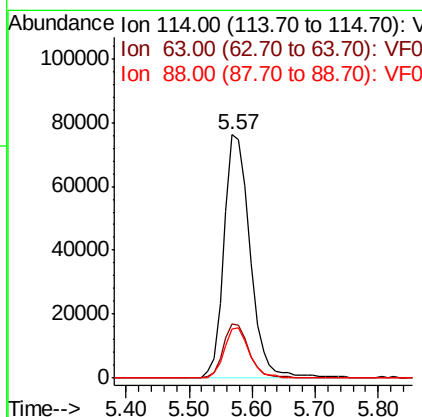
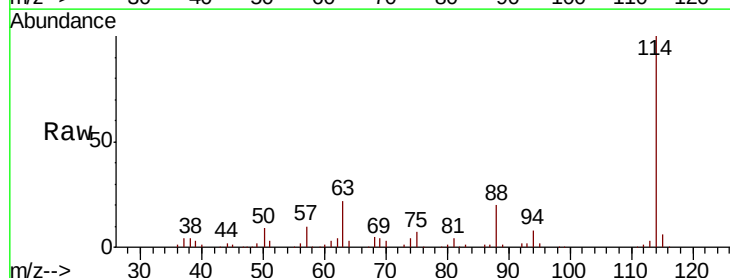
Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS024-1824-01

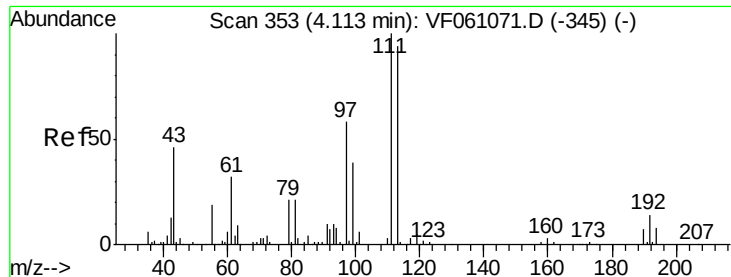
Tot Ion: 65 Resp: 91946
 Ion Ratio Lower Upper
 65 100
 67 47.0 0.0 94.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.57 min Scan# 501
 Delta R.T. -0.02 min
 Lab File: VF061211.D
 Acq: 27 Dec 2018 16:40

Tgt Ion: 114 Resp: 219296
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 41.6
 88 20.2 0.0 38.0

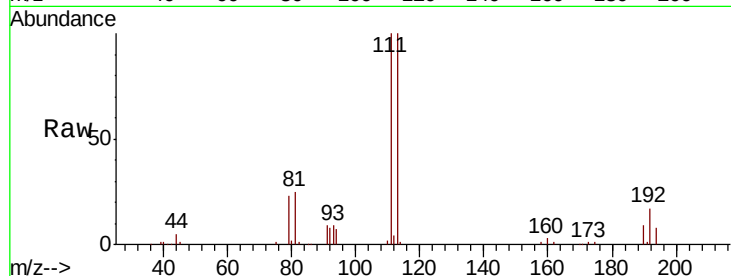




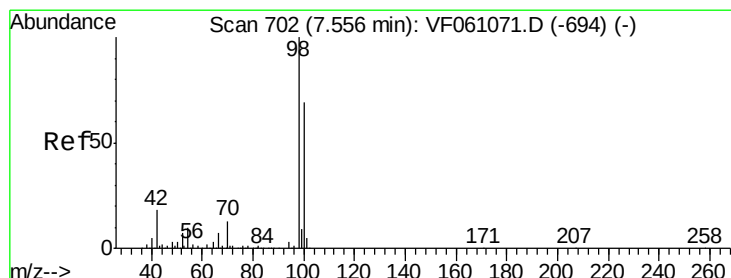
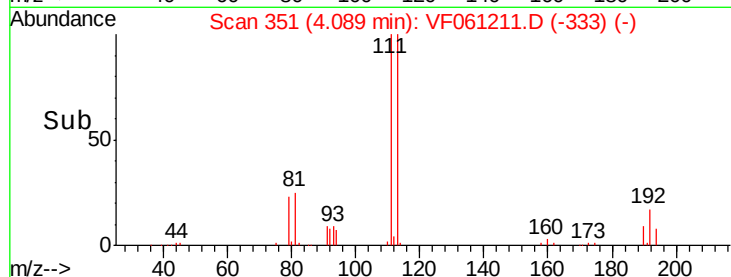
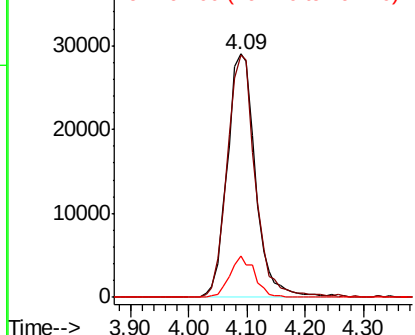
#35
Dibromofluoromethane
Concen: 55.600 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061211.D
Acq: 27 Dec 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
P001-SS024-1824-01

Tot Ion:113 Resp: 97671
Ion Ratio Lower Upper
113 100
111 99.5 85.2 127.8
192 16.8 12.8 19.2

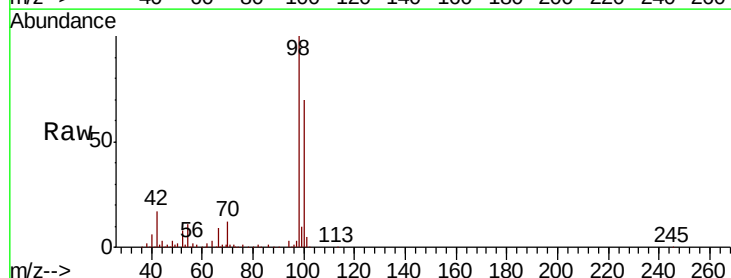


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

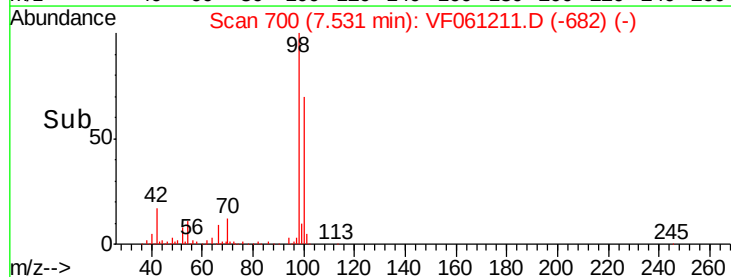
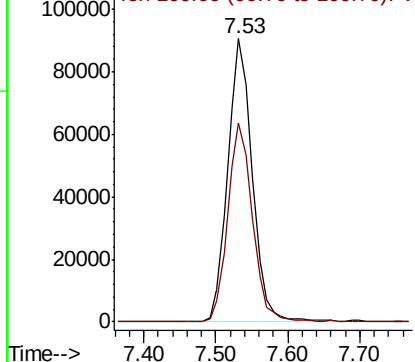


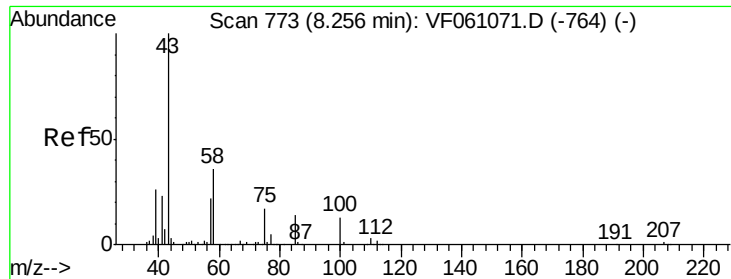
#50
Toluene-d8
Concen: 43.234 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061211.D
Acq: 27 Dec 2018 16:40

Tgt Ion: 98 Resp: 215228
Ion Ratio Lower Upper
98 100
100 70.4 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF





#51

4-Methyl-2-Pentanone

Concen: 4.850 ug/l

RT: 8.24 min Scan# 772

Delta R.T. -0.01 min

Lab File: VF061211.D

Acq: 27 Dec 2018 16:40

Instrument :

MSVOA_F

ClientSampleId :

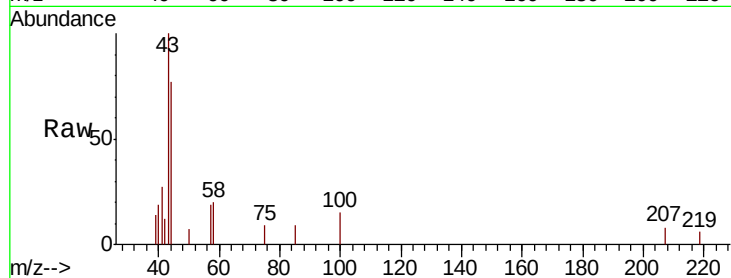
P001-SS024-1824-01

Tot Ion: 43 Resp: 4251

Ion Ratio Lower Upper

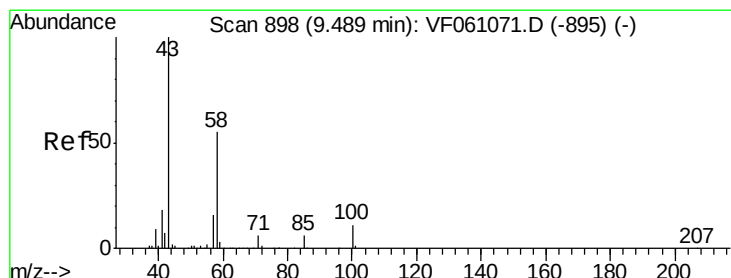
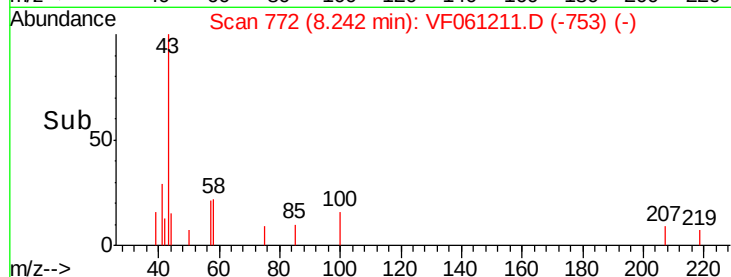
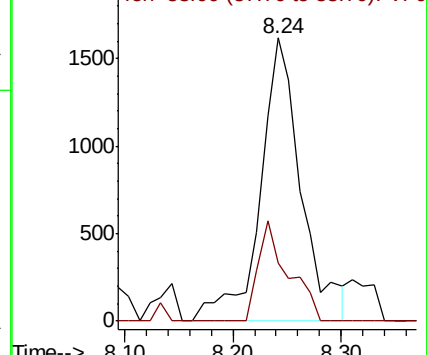
43 100

58 20.4 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#59

2-Hexanone

Concen: 6.908 ug/l

RT: 9.47 min Scan# 897

Delta R.T. -0.01 min

Lab File: VF061211.D

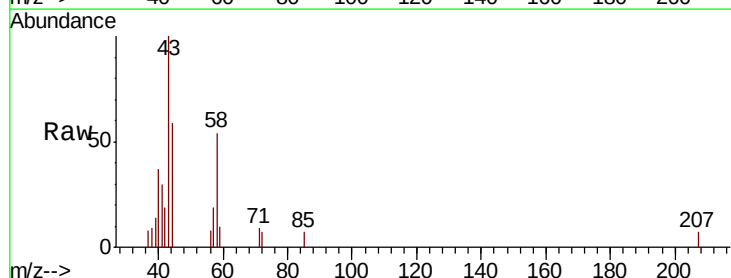
Acq: 27 Dec 2018 16:40

Tgt Ion: 43 Resp: 4379

Ion Ratio Lower Upper

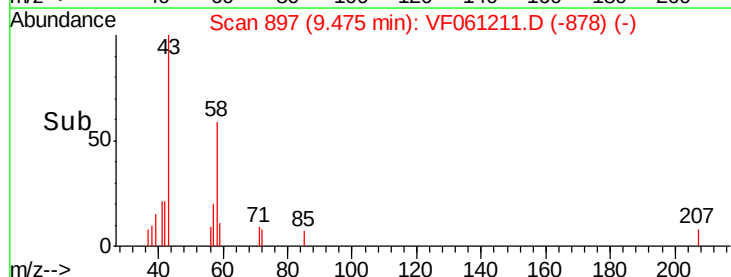
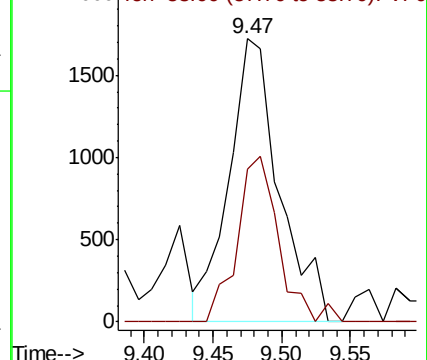
43 100

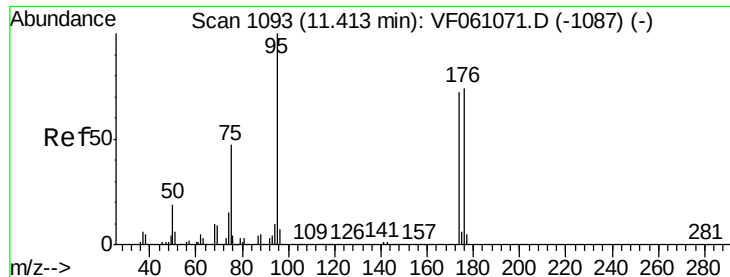
58 54.1 25.1 75.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

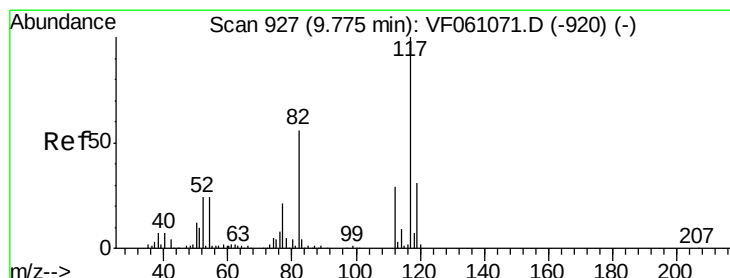
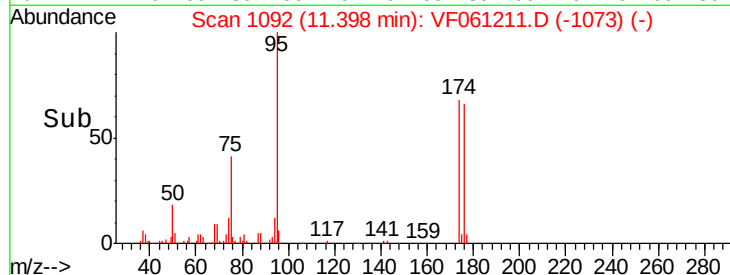
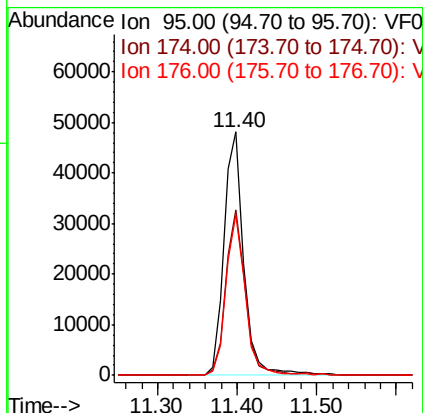
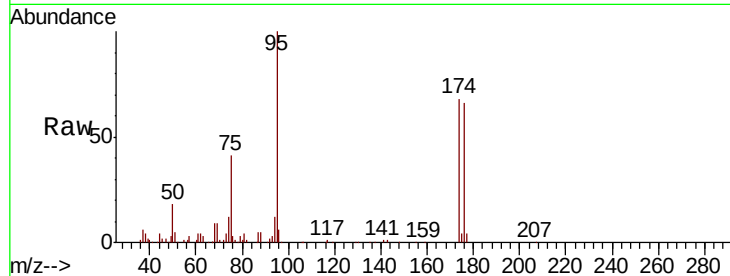




#62
4-Bromofluorobenzene
Concen: 36.956 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061211.D
Acq: 27 Dec 2018 16:40

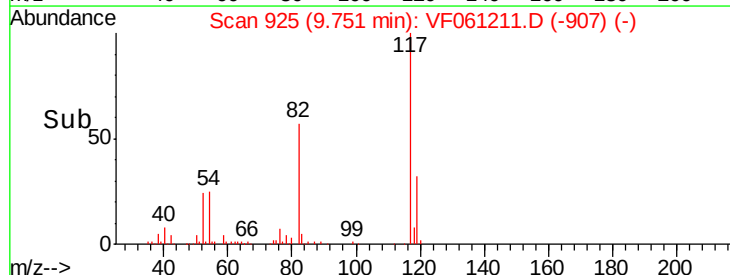
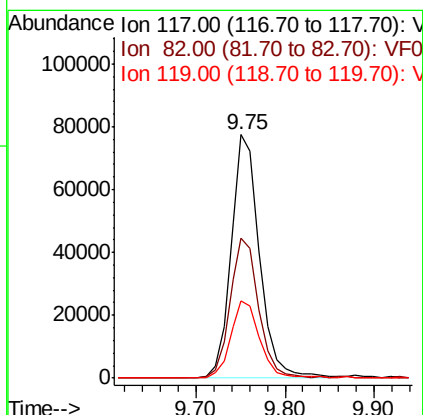
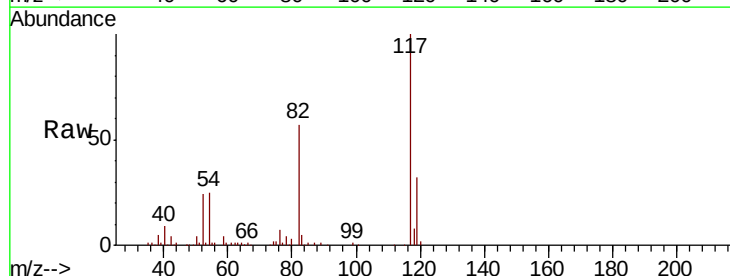
Instrument :
MSVOA_F
ClientSampleId :
P001-SS024-1824-01

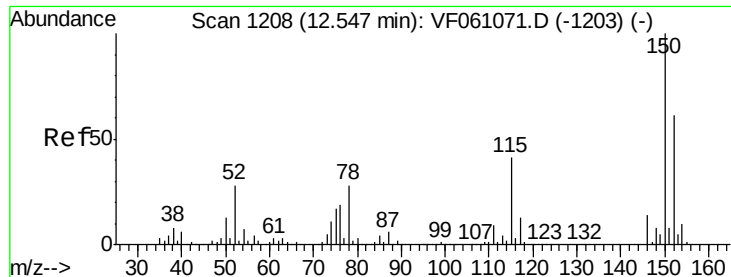
Tot Ion: 95 Resp: 84816
Ion Ratio Lower Upper
95 100
174 68.1 0.0 143.8
176 65.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF061211.D
Acq: 27 Dec 2018 16:40

Tgt Ion: 117 Resp: 172644
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 31.7 24.8 37.2



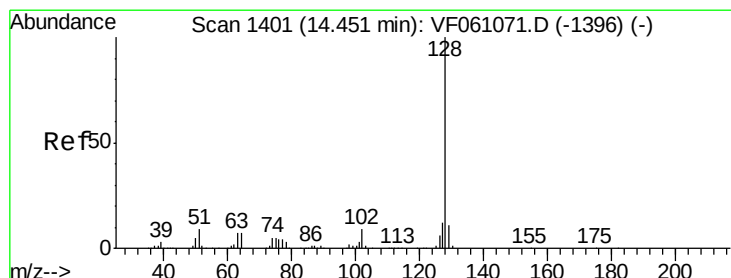
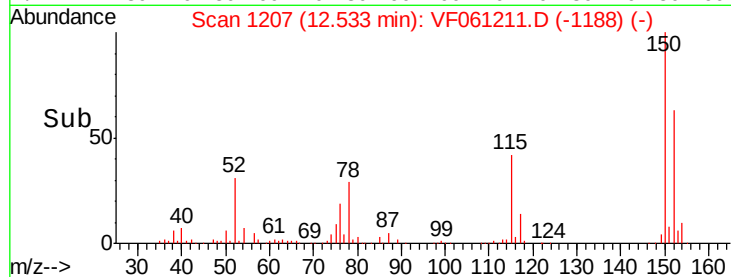
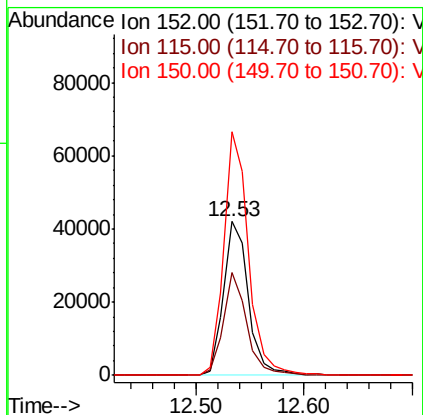
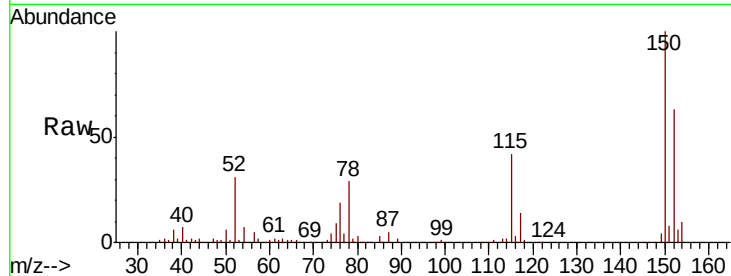


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061211.D
Acq: 27 Dec 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
P001-SS024-1824-01

Tot Ion:152 Resp: 67434
Ion Ratio Lower Upper
152 100
115 66.8 33.3 99.9
150 158.6 0.0 328.2



#95

Naphthalene
Concen: 2.264 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.00 min
Lab File: VF061211.D
Acq: 27 Dec 2018 16:40

Tgt Ion:128 Resp: 6556
Ion Ratio Lower Upper
128 100
127 9.8 9.4 14.2
129 10.3 8.8 13.2

