

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072418\
 Data File : VF059645.D
 Acq On : 24 Jul 2018 22:08
 Operator : VA/AP
 Sample : J4101-01
 Misc : 2.62g/5mL/MSVOA F/SOIL
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1

Quant Time: Jul 25 05:35:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 02:29:31 2018
 Response via : Initial Calibration

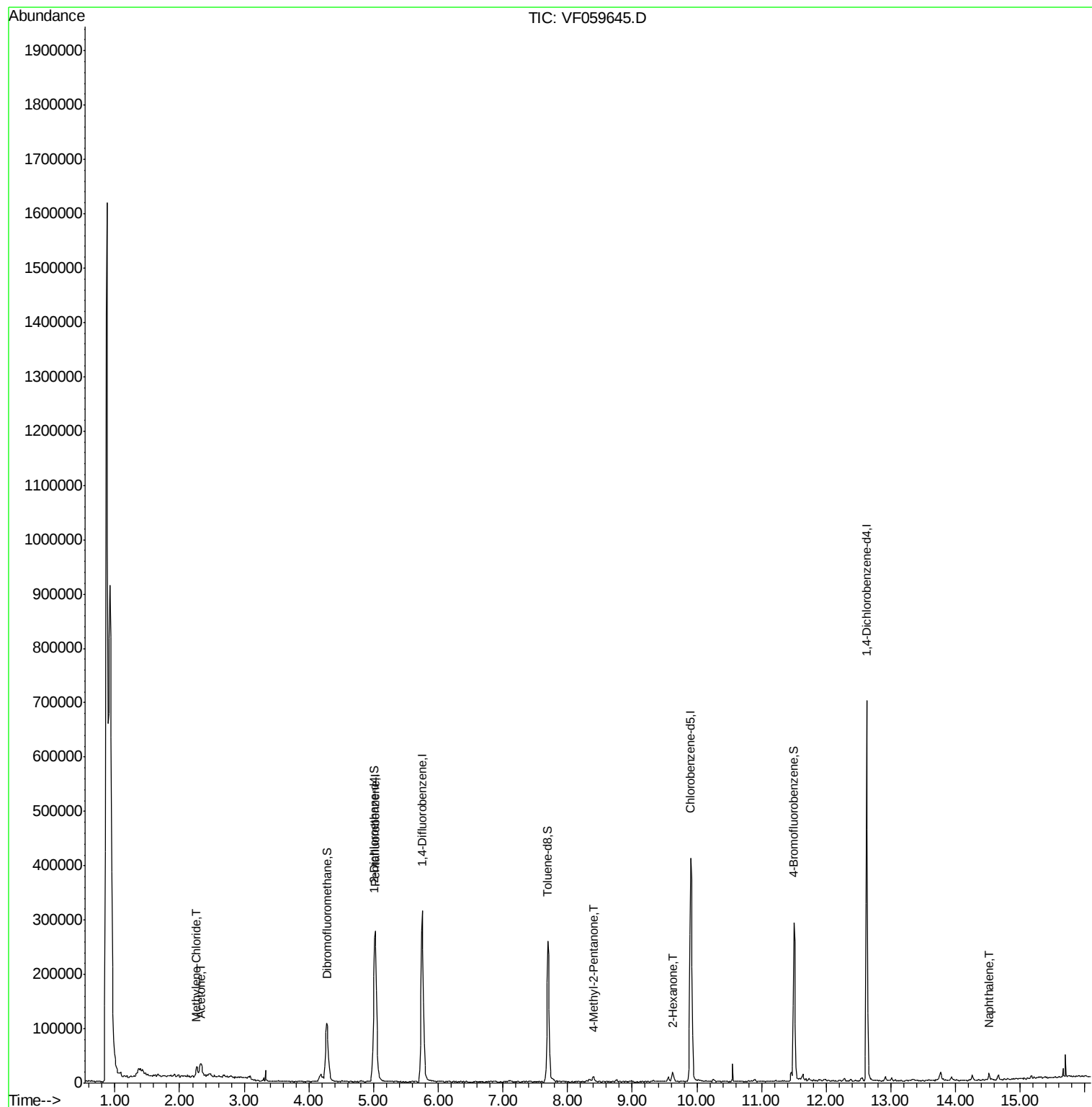
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	205915	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.75	114	306386	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	274702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	162137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	101167	35.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.52%	
35) Dibromofluoromethane	4.27	113	98194	35.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.22%	
50) Toluene-d8	7.70	98	200214	29.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.58%	
62) 4-Bromofluorobenzene	11.50	95	100911	29.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.44%	
Target Compounds						
16) Acetone	2.33	43	40365	90.217	ug/l	95
20) Methylene Chloride	2.27	84	10601	3.788	ug/l #	80
51) 4-Methyl-2-Pentanone	8.40	43	7002	6.901	ug/l	92
59) 2-Hexanone	9.63	43	14214	18.344	ug/l	91
95) Naphthalene	14.52	128	8716	1.510	ug/l #	93

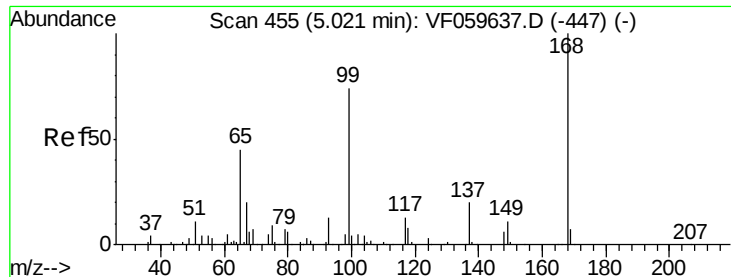
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF072418\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 02:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

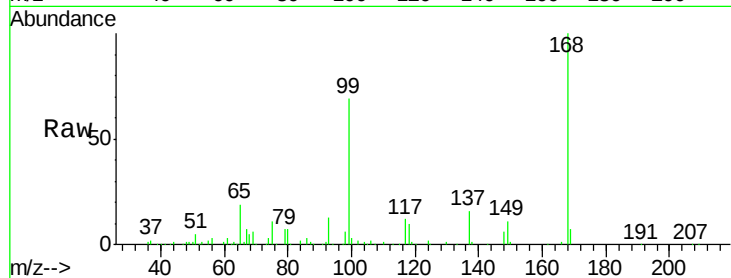
Instrument :
MSVOA_F
ClientSampleId :
TP-1

Tot Ion:168 Resp: 205915

Ion Ratio Lower Upper

168 100

99 69.5 59.5 89.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

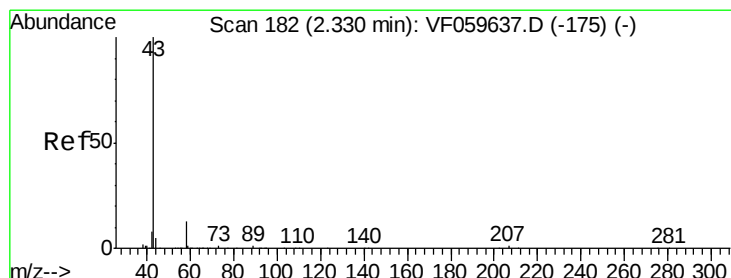
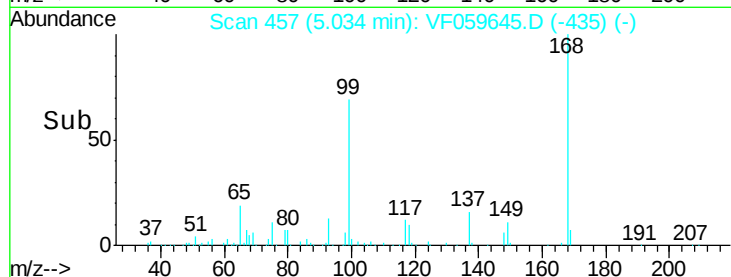
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 90.217 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059645.D

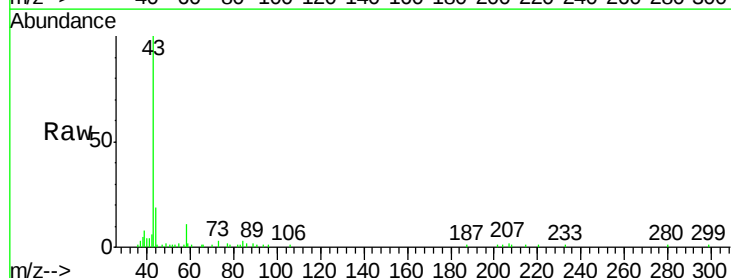
Acq: 24 Jul 2018 22:08

Tgt Ion: 43 Resp: 40365

Ion Ratio Lower Upper

43 100

58 10.8 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

20000

15000

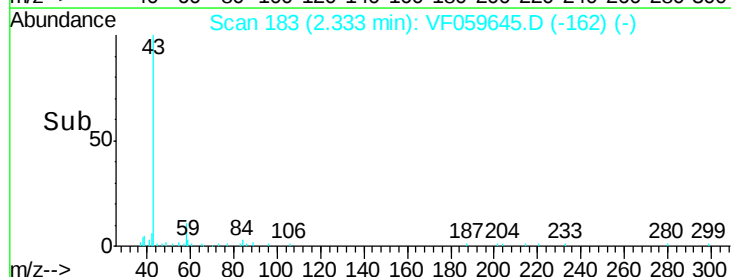
10000

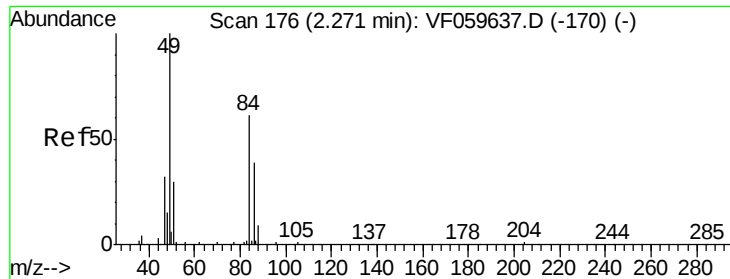
5000

0

Time-->

2.20 2.30 2.40

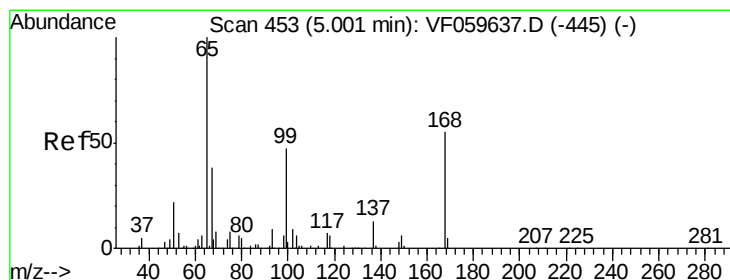
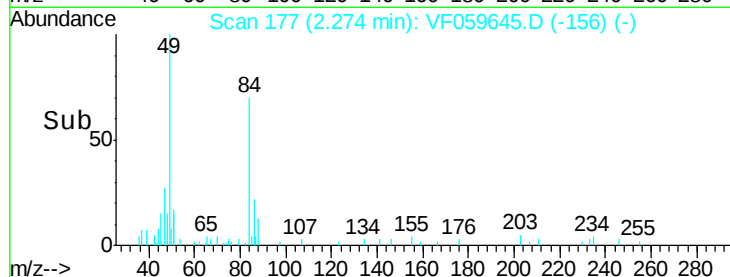
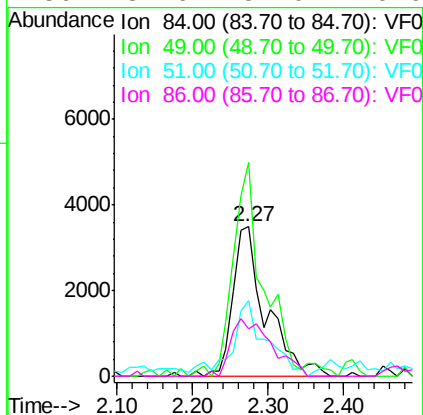
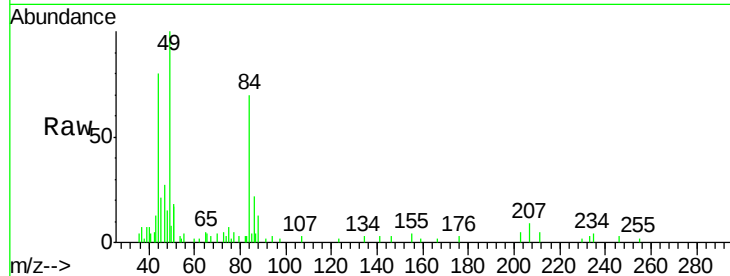




#20
Methylene Chloride
Concen: 3.788 ug/l
RT: 2.27 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

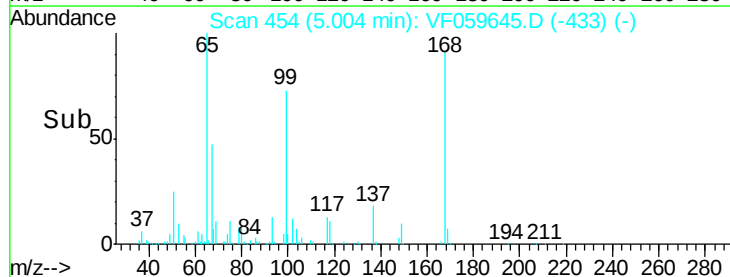
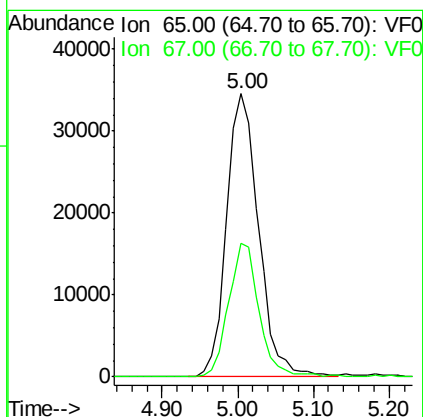
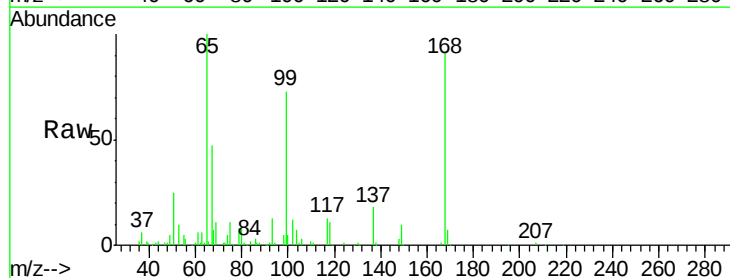
Instrument :
MSVOA_F
ClientSampleId :
TP-1

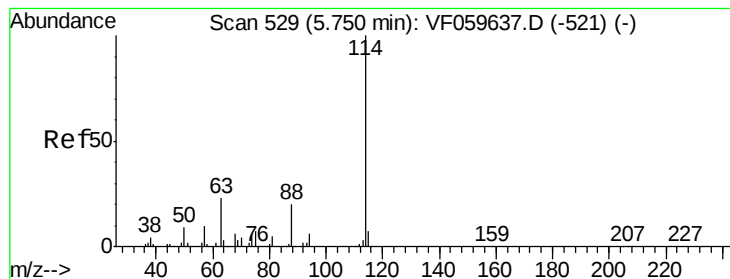
Tot Ion: 84 Resp: 10601
Ion Ratio Lower Upper
84 100
49 143.1 133.8 200.8
51 50.5 41.1 61.7
86 31.6 51.0 76.6#



#33
1,2-Dichloroethane-d4
Concen: 35.260 ug/l
RT: 5.00 min Scan# 454
Delta R.T. 0.00 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

Tgt Ion: 65 Resp: 101167
Ion Ratio Lower Upper
65 100
67 47.1 0.0 86.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 530

Delta R.T. 0.00 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

Instrument :

MSVOA_F

ClientSampleId :

TP-1

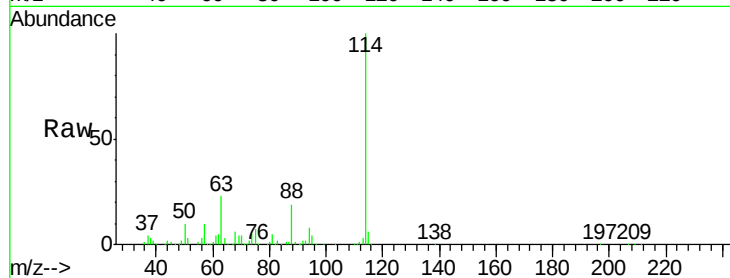
Tot Ion:114 Resp: 306386

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

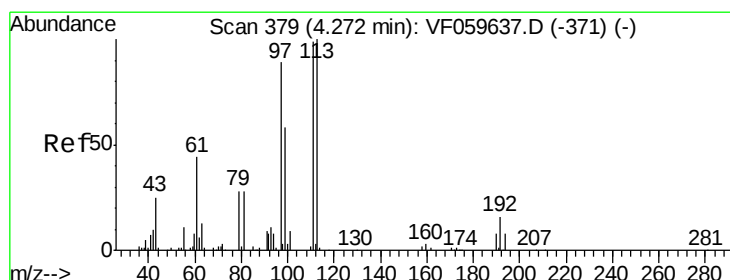
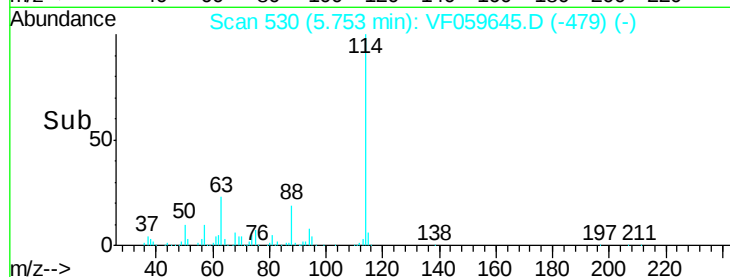
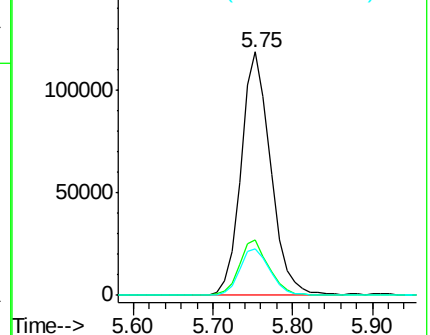
88 18.9 0.0 40.8



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: 35.611 ug/l

RT: 4.27 min Scan# 380

Delta R.T. 0.00 min

Lab File: VF059645.D

Acq: 24 Jul 2018 22:08

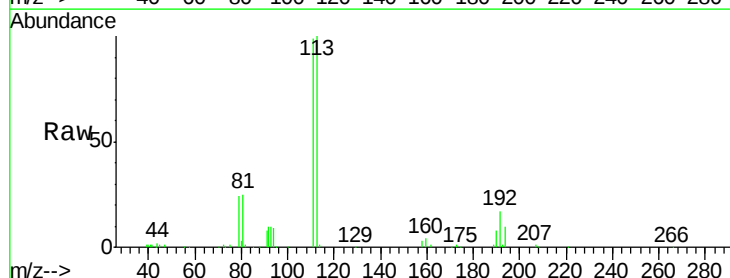
Tgt Ion:113 Resp: 98194

Ion Ratio Lower Upper

113 100

111 99.4 79.3 118.9

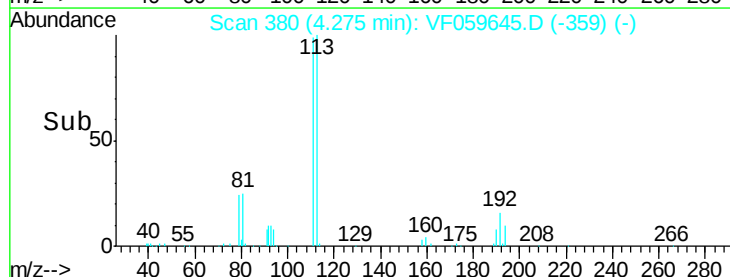
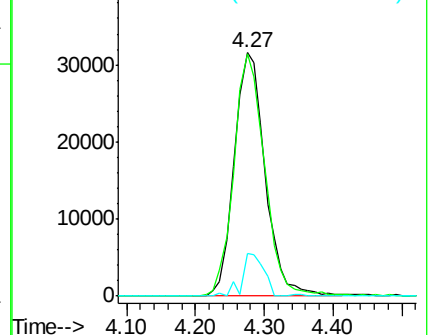
192 17.5 13.4 20.2

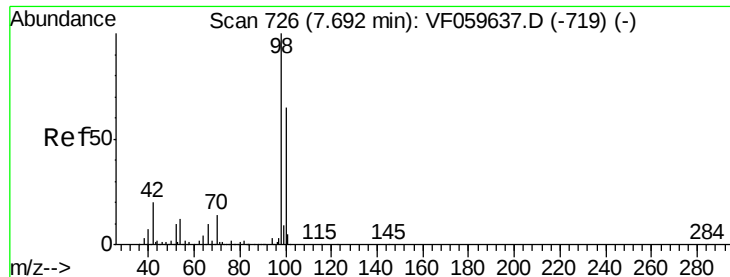


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

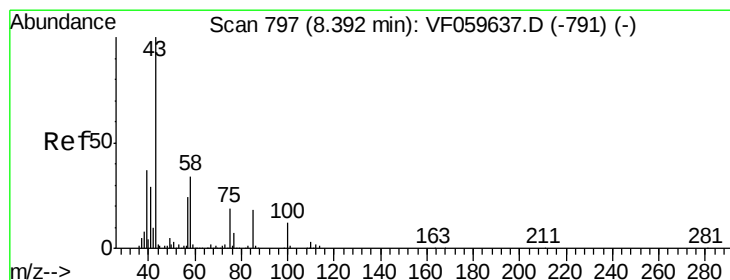
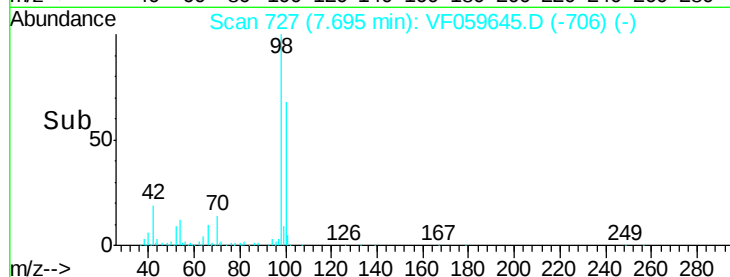
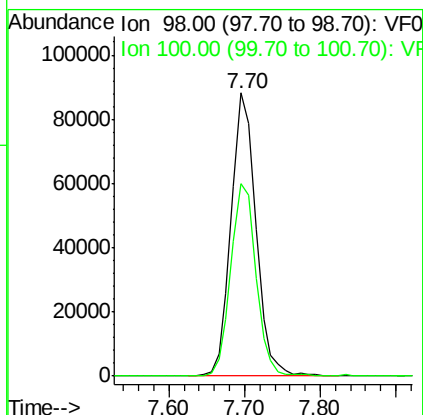
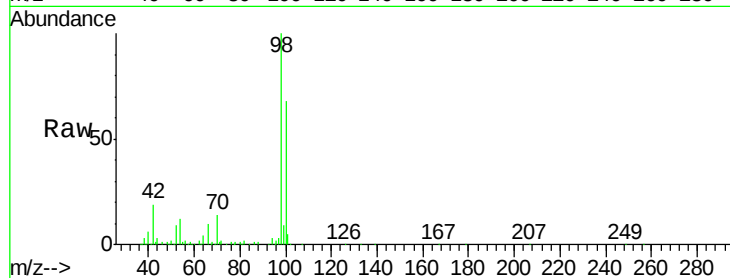




#50
Toluene-d8
Concen: 29.791 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.00 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

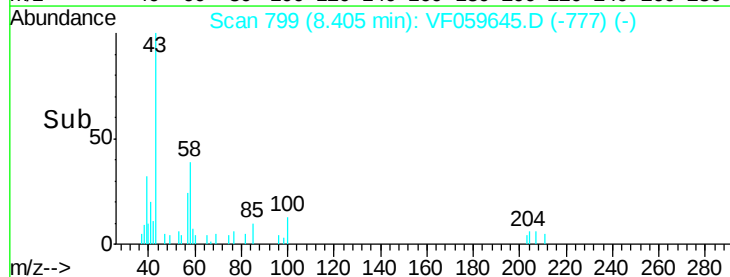
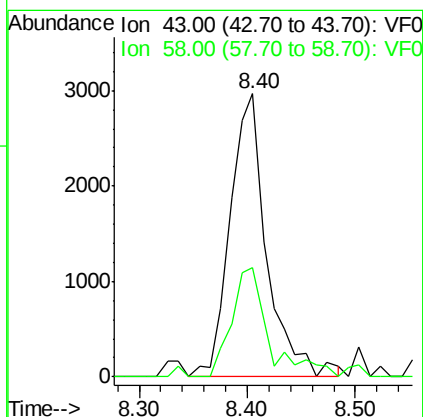
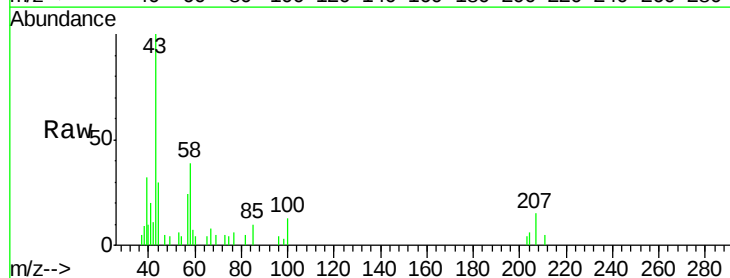
Instrument :
MSVOA_F
ClientSampleId :
TP-1

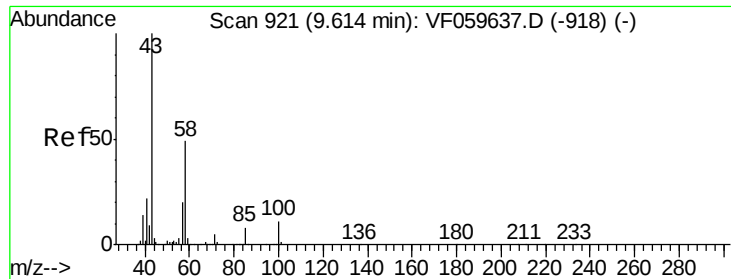
Tot Ion: 98 Resp: 200214
Ion Ratio Lower Upper
98 100
100 68.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 6.901 ug/l
RT: 8.40 min Scan# 799
Delta R.T. 0.01 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

Tgt Ion: 43 Resp: 7002
Ion Ratio Lower Upper
43 100
58 38.7 27.3 40.9

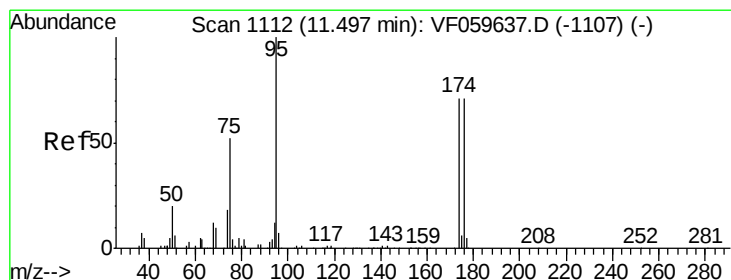
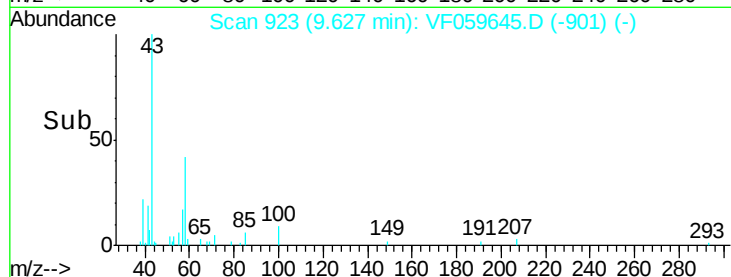
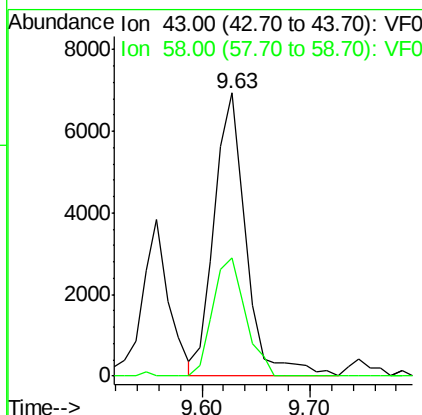
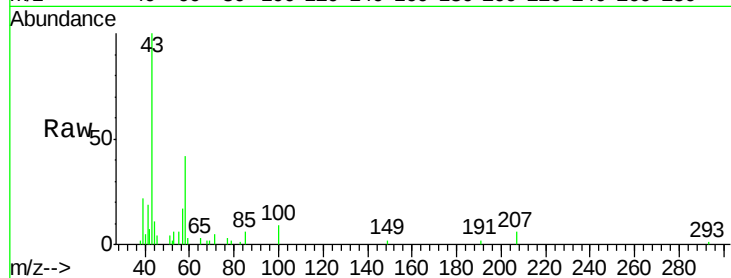




#59
2-Hexanone
Concen: 18.344 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.01 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

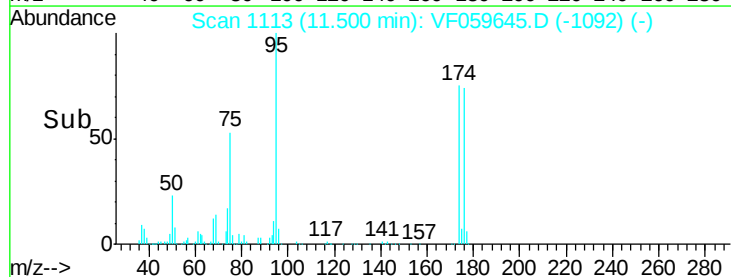
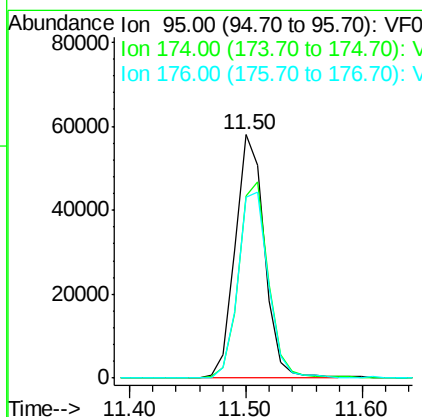
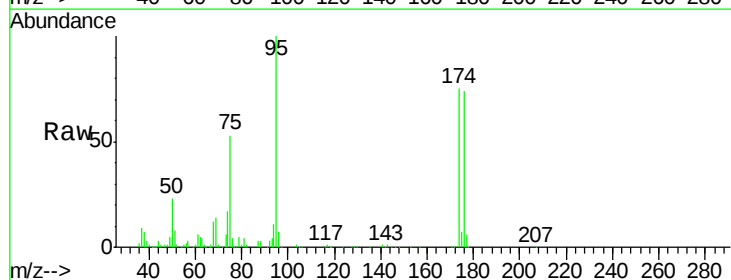
Instrument :
MSVOA_F
ClientSampleId :
TP-1

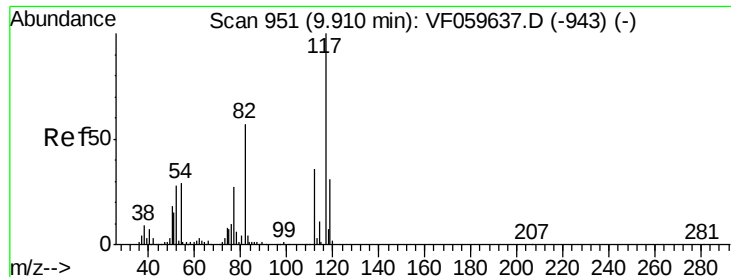
Tot Ion: 43 Resp: 14214
Ion Ratio Lower Upper
43 100
58 41.6 23.6 71.0



#62
4-Bromofluorobenzene
Concen: 29.221 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

Tgt Ion: 95 Resp: 100911
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 74.1 0.0 142.0

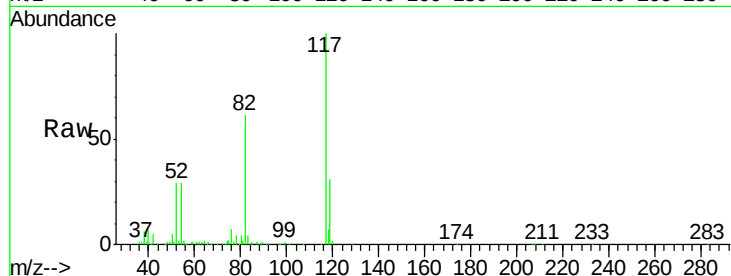




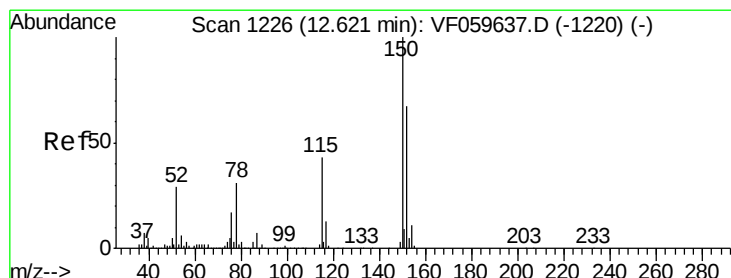
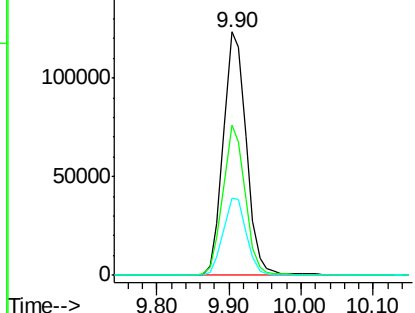
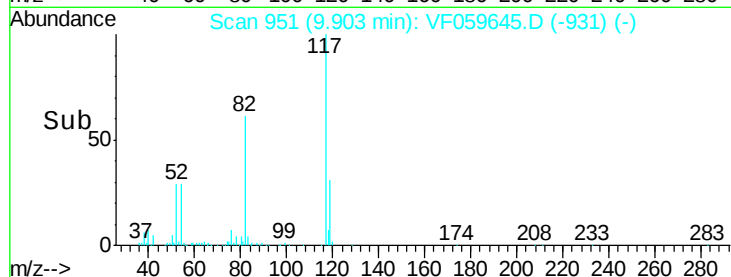
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

Instrument :
MSVOA_F
ClientSampleId :
TP-1

Tot Ion:117 Resp: 274702
Ion Ratio Lower Upper
117 100
82 61.5 45.9 68.9
119 31.5 25.1 37.7

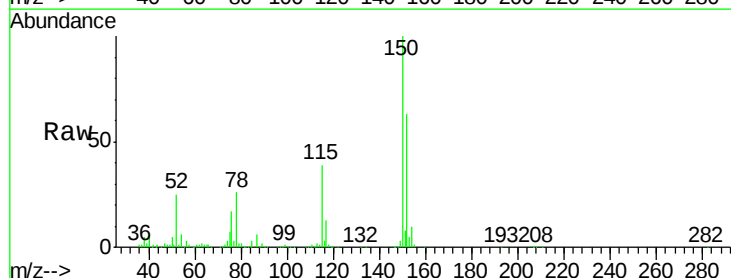


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

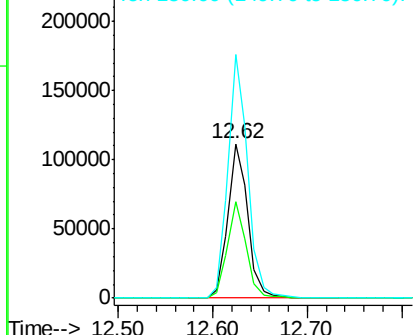
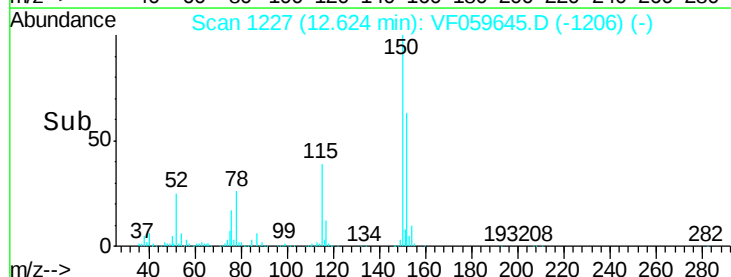


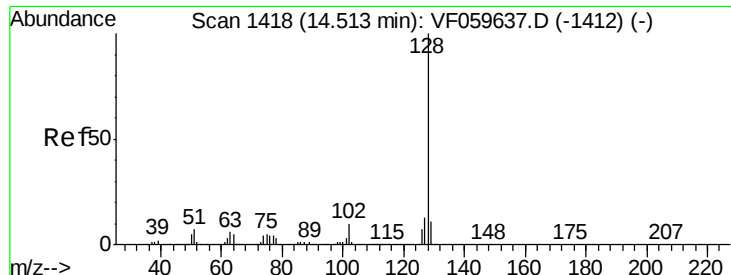
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

Tgt Ion:152 Resp: 162137
Ion Ratio Lower Upper
152 100
115 62.1 32.0 96.2
150 157.8 0.0 313.2



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

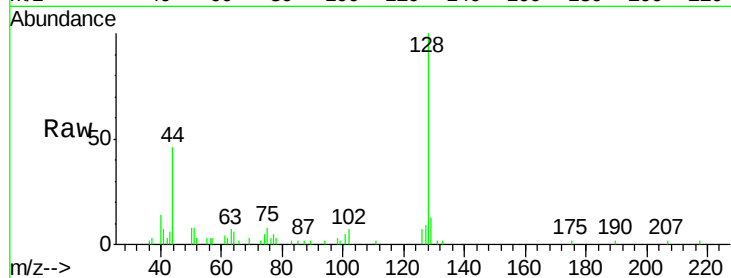




#95
Naphthalene
Concen: 1.510 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.00 min
Lab File: VF059645.D
Acq: 24 Jul 2018 22:08

Instrument :
MSVOA_F
ClientSampleId :
TP-1

Tot Ion:128 Resp: 8716
Ion Ratio Lower Upper
128 100
127 9.4 10.1 15.1#
129 13.4 9.1 13.7



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

