

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050919\
 Data File : VF062400.D
 Acq On : 9 May 2019 17:18
 Operator : FY/SY
 Sample : K2672-01
 Misc : 5.05g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-01-1.0-1.5

Quant Time: May 10 08:18:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

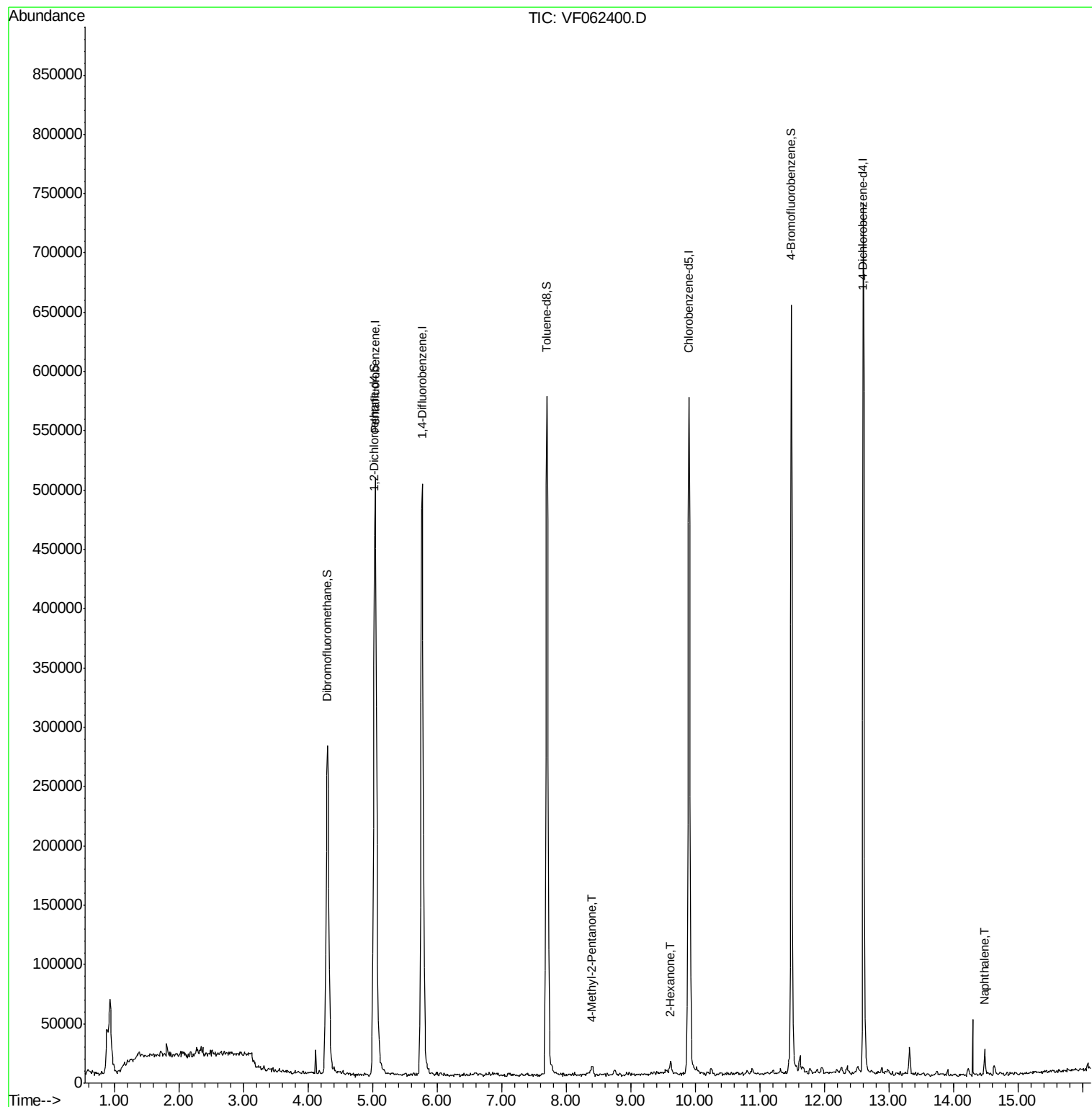
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	404703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	560433	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	416818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	193333	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	214178	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
35) Dibromofluoromethane	4.30	113	255887	57.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.62%	
50) Toluene-d8	7.70	98	498434	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	11.49	95	205782	42.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.40%	
Target Compounds						
51) 4-Methyl-2-Pentanone	8.39	43	9270	5.587	ug/l #	82
59) 2-Hexanone	9.61	43	9323	8.124	ug/l	90
95) Naphthalene	14.48	128	11771	1.642	ug/l	96

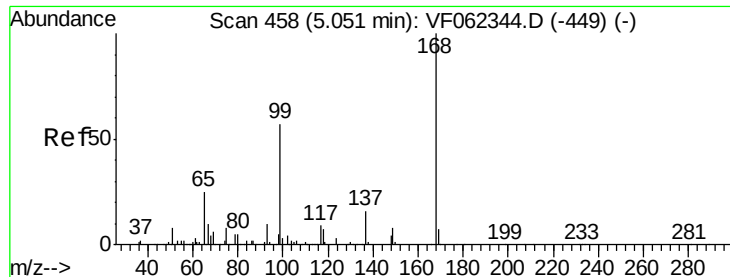
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF062400.D

Acq: 9 May 2019 17:18

Instrument :

MSVOA_F

ClientSampleId :

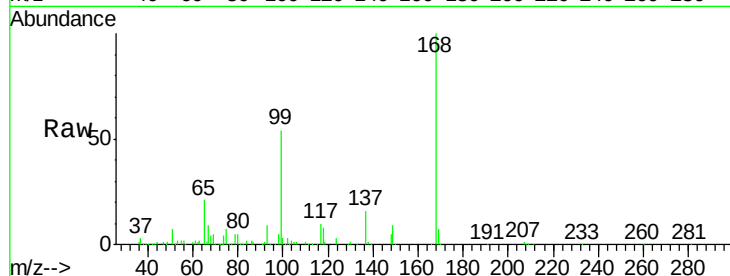
SB-01-1.0-1.5

Tot Ion:168 Resp: 404703

Ion Ratio Lower Upper

168 100

99 54.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.05

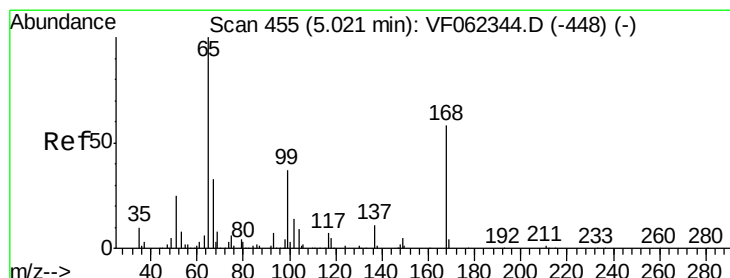
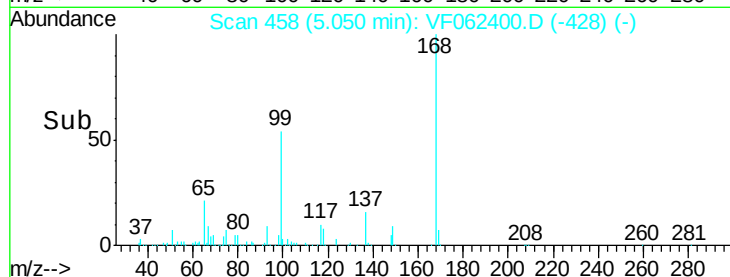
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.000 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF062400.D

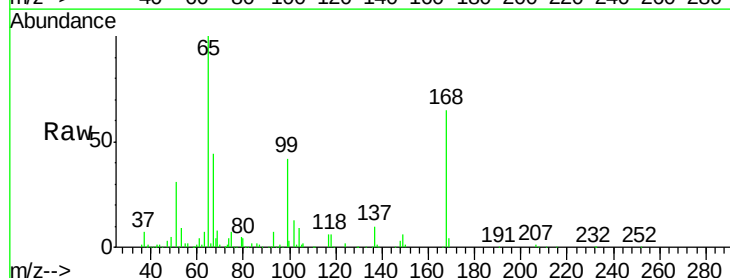
Acq: 9 May 2019 17:18

Tgt Ion: 65 Resp: 214178

Ion Ratio Lower Upper

65 100

67 44.7 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.02

80000

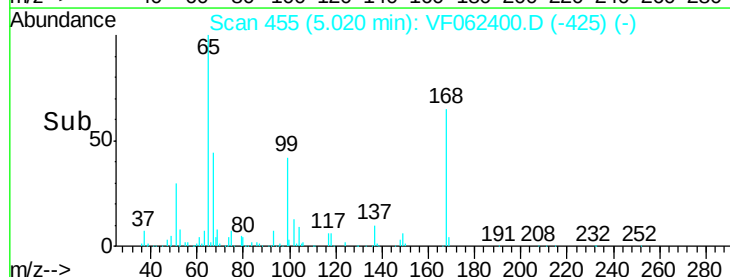
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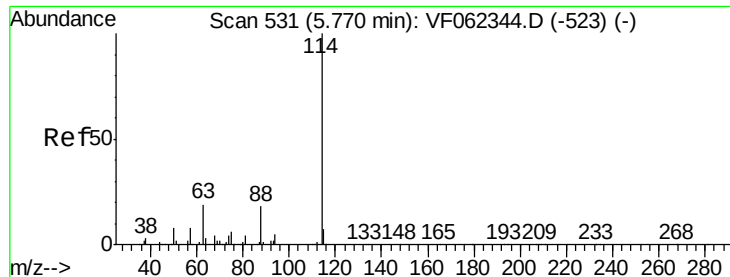
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20000

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Time-->

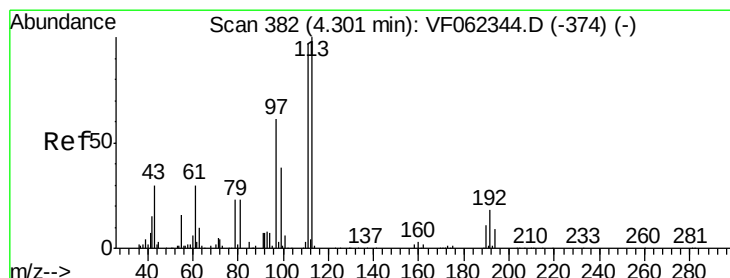
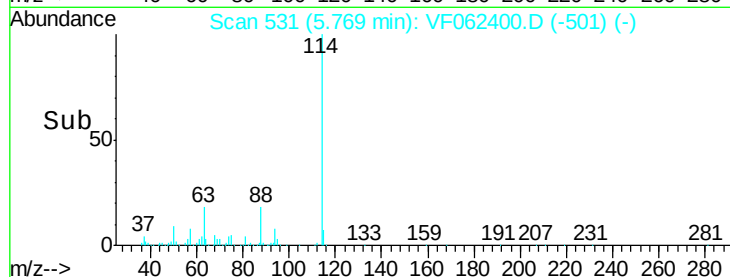
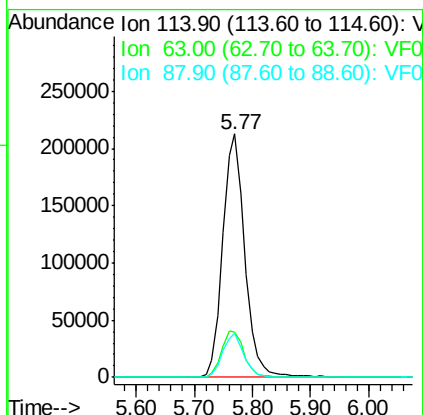
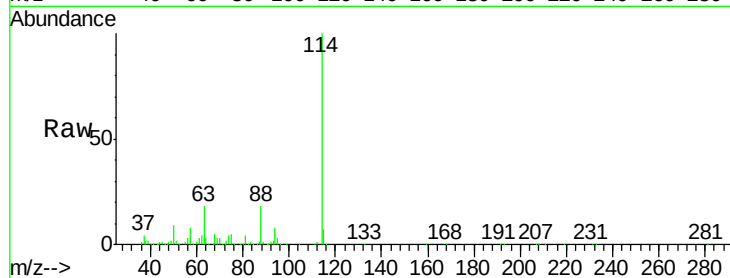




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VF062400.D
 Acq: 9 May 2019 17:18

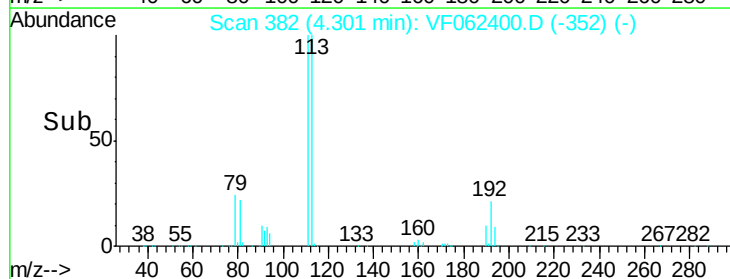
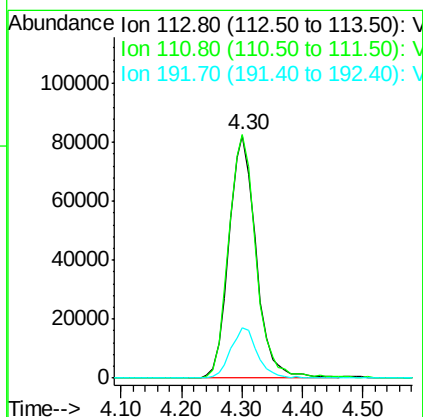
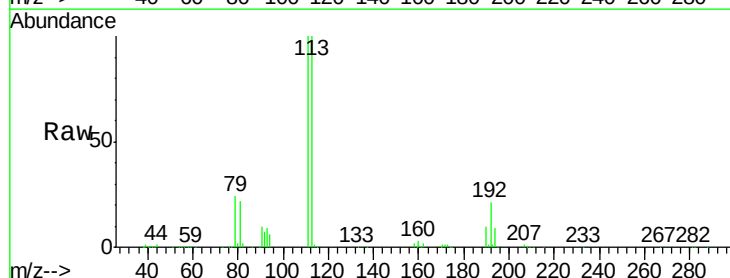
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-01-1.0-1.5

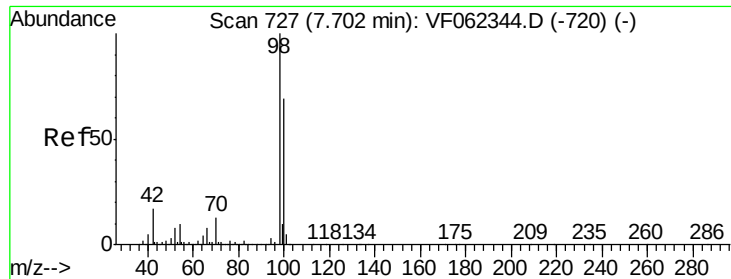
Tot Ion:114 Resp: 560433
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.4
 88 17.8 0.0 36.4



#35
 Dibromofluoromethane
 Concen: 57.311 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VF062400.D
 Acq: 9 May 2019 17:18

Tgt Ion:113 Resp: 255887
 Ion Ratio Lower Upper
 113 100
 111 100.7 79.4 119.0
 192 20.5 16.0 24.0

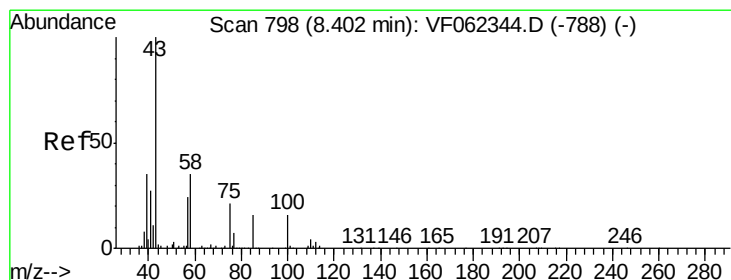
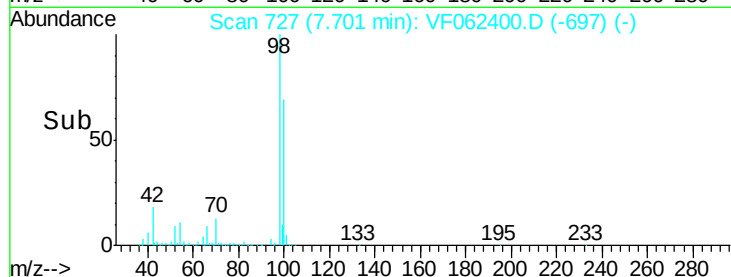
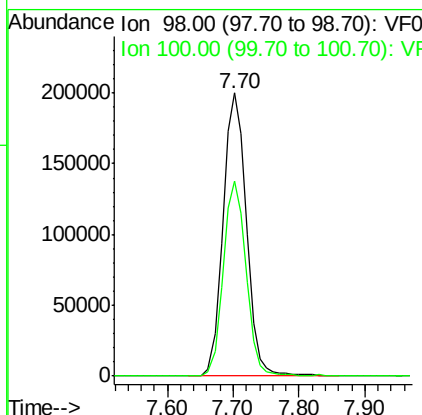
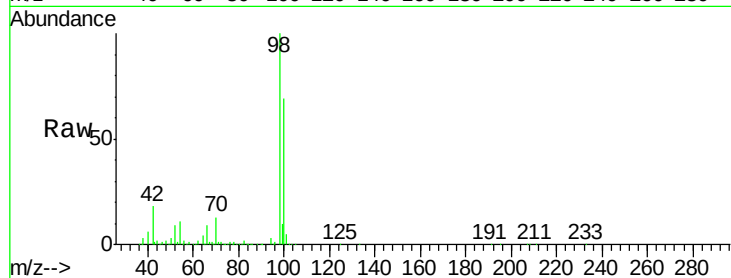




#50
Toluene-d8
Concen: 46.118 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF062400.D
Acq: 9 May 2019 17:18

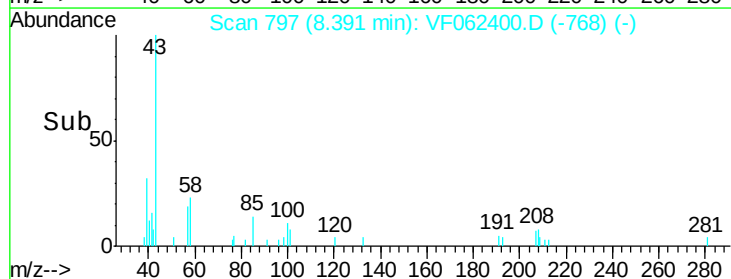
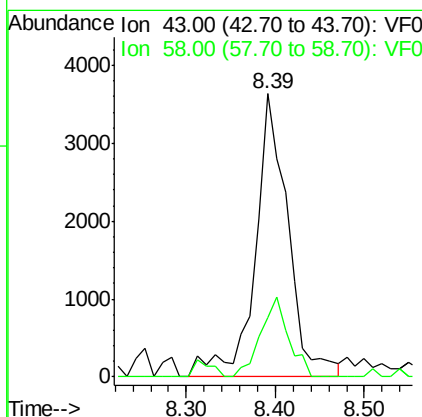
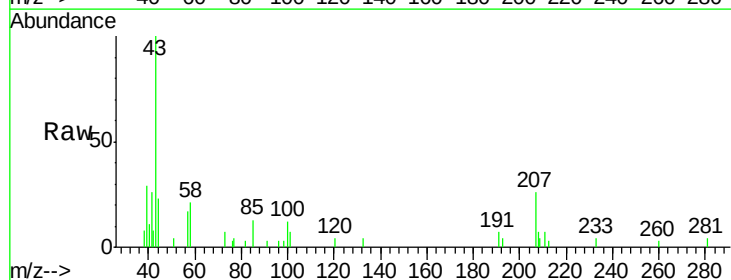
Instrument :
MSVOA_F
ClientSampleId :
SB-01-1.0-1.5

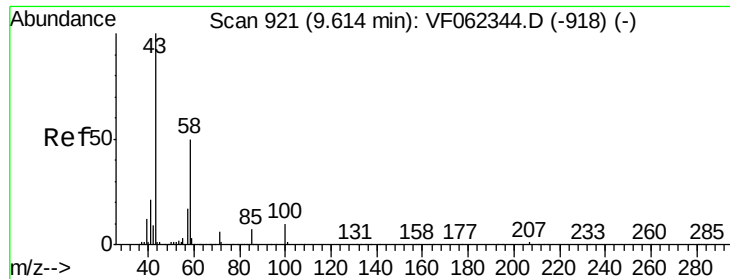
Tot Ion: 98 Resp: 498434
Ion Ratio Lower Upper
98 100
100 67.4 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 5.587 ug/l
RT: 8.39 min Scan# 797
Delta R.T. -0.01 min
Lab File: VF062400.D
Acq: 9 May 2019 17:18

Tgt Ion: 43 Resp: 9270
Ion Ratio Lower Upper
43 100
58 24.1 27.8 41.6#

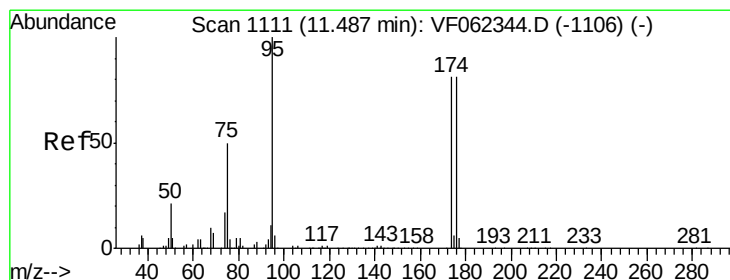
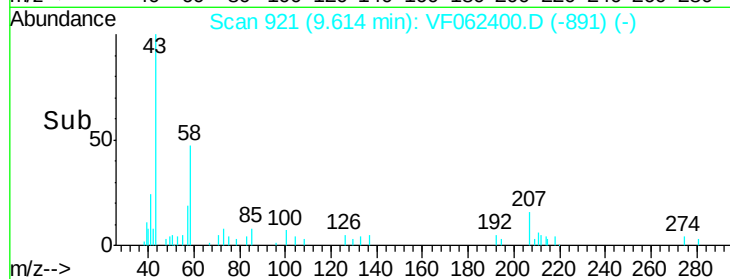
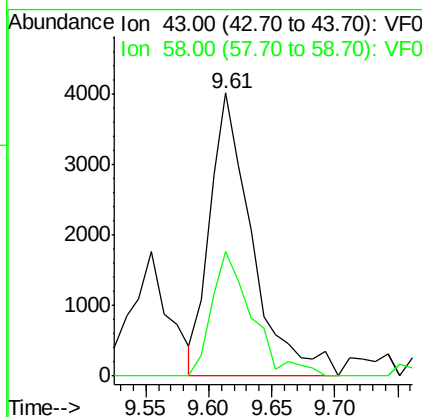
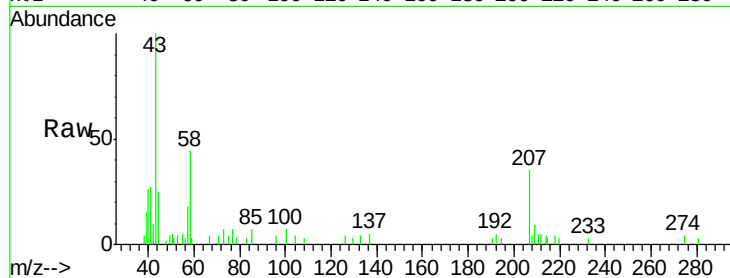




#59
2-Hexanone
Concen: 8.124 ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.00 min
Lab File: VF062400.D
Acq: 9 May 2019 17:18

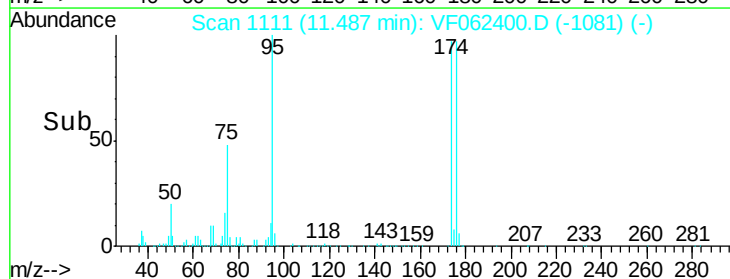
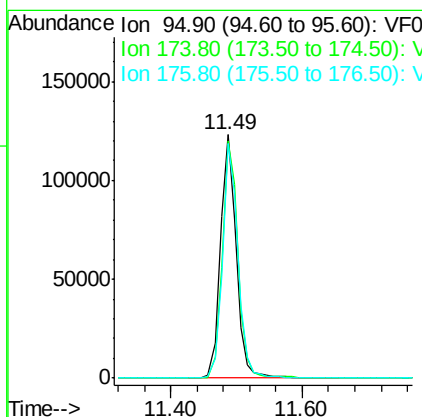
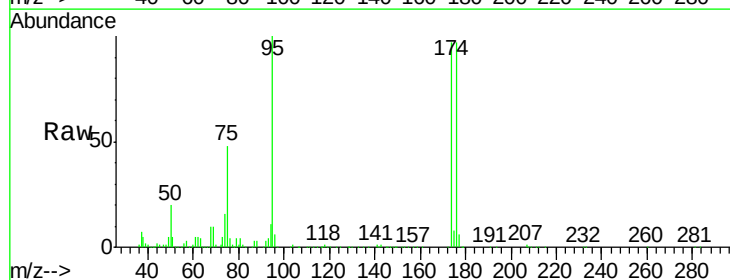
Instrument :
MSVOA_F
ClientSampleId :
SB-01-1.0-1.5

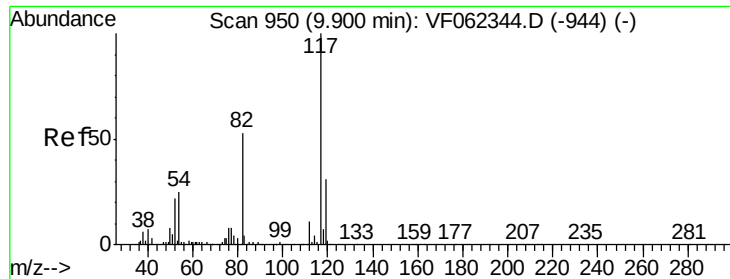
Tot Ion: 43 Resp: 9323
Ion Ratio Lower Upper
43 100
58 42.2 24.3 73.0



#62
4-Bromofluorobenzene
Concen: 42.202 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VF062400.D
Acq: 9 May 2019 17:18

Tgt Ion: 95 Resp: 205782
Ion Ratio Lower Upper
95 100
174 97.4 0.0 191.8
176 95.2 0.0 193.2

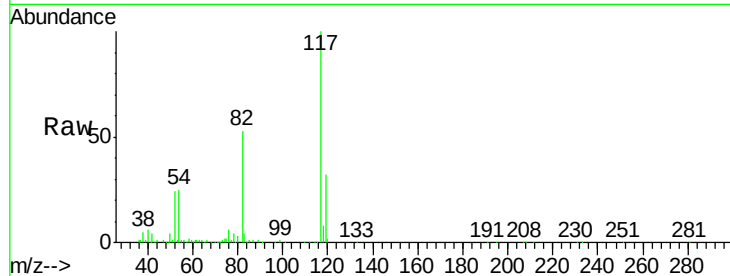




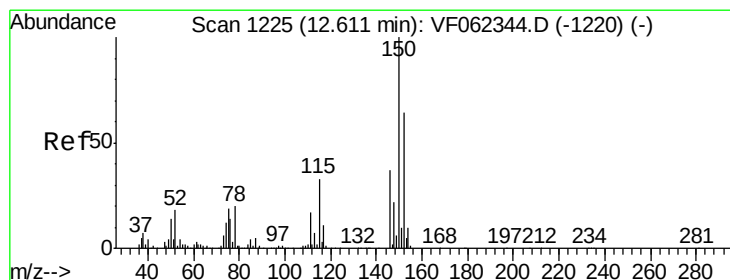
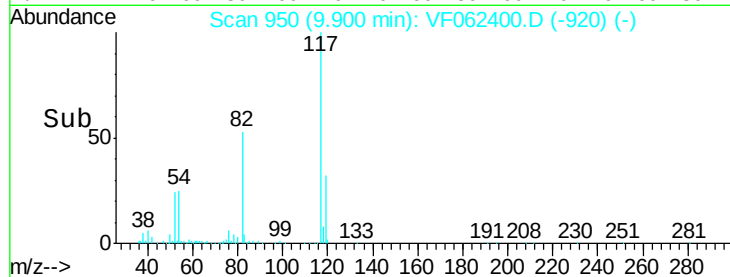
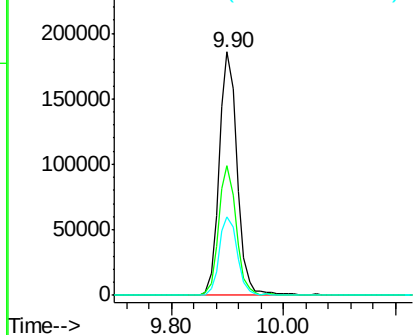
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.00 min
Lab File: VF062400.D
Acq: 9 May 2019 17:18

Instrument :
MSVOA_F
ClientSampleId :
SB-01-1.0-1.5

Tot Ion:117 Resp: 416818
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 32.2 25.0 37.4

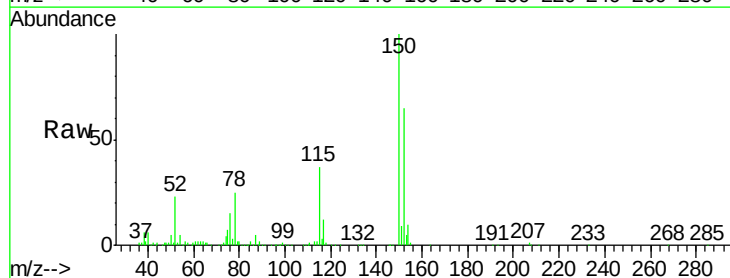


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

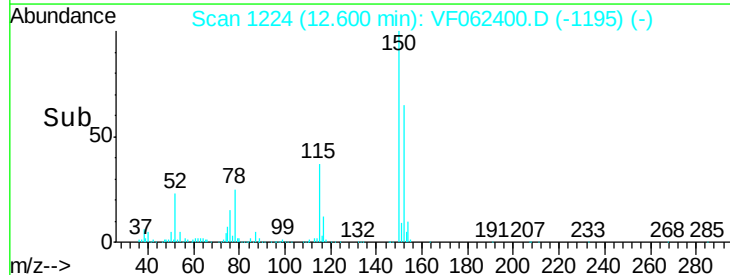
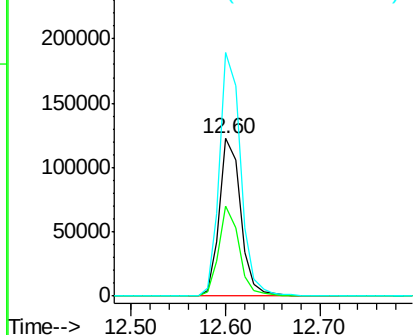


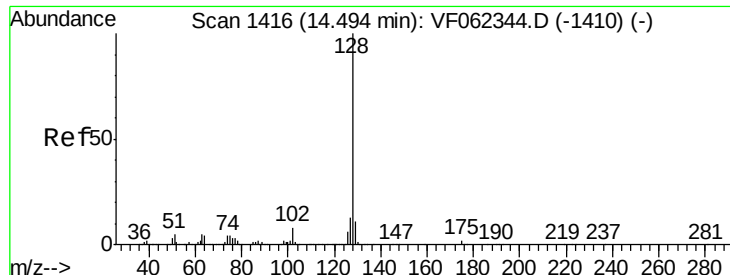
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VF062400.D
Acq: 9 May 2019 17:18

Tgt Ion:152 Resp: 193333
Ion Ratio Lower Upper
152 100
115 54.4 26.4 79.2
150 153.6 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.642 ug/l

RT: 14.48 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VF062400.D

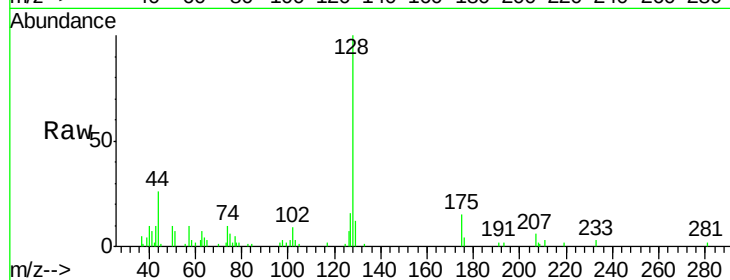
Acq: 9 May 2019 17:18

Instrument :

MSVOA_F

ClientSampleId :

SB-01-1.0-1.5



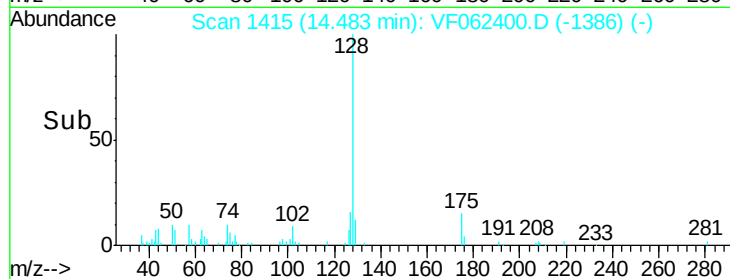
Tot Ion:128 Resp: 11771

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 12.7 8.6 12.8



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

