

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072018\
 Data File : VF059595.D
 Acq On : 20 Jul 2018 21:54
 Operator : VA/AP
 Sample : J4016-22
 Misc : 6.83g/5mL/MSVOA F/SOIL
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB5-L-8

Quant Time: Jul 21 00:26:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

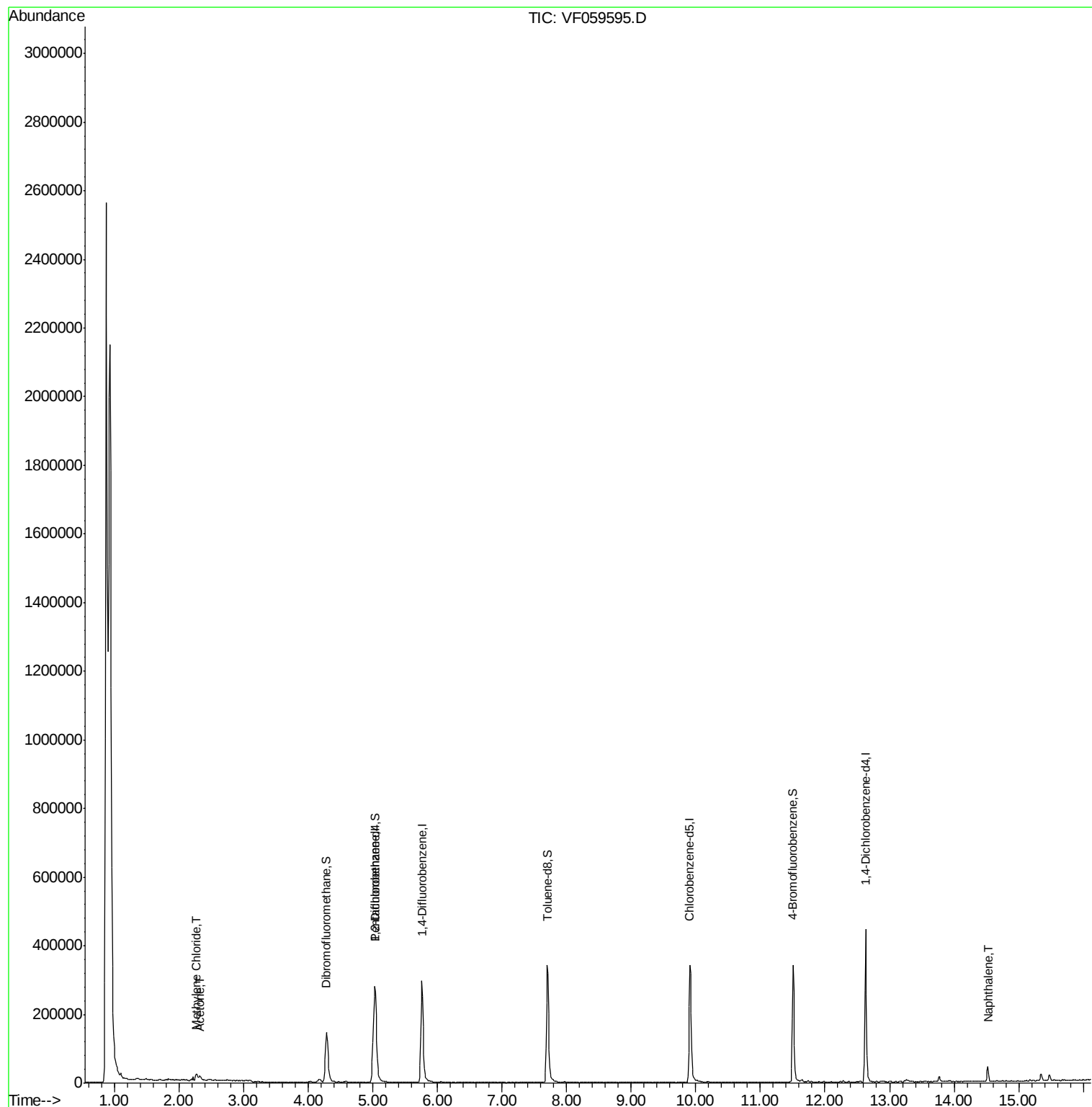
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	199237	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	295557	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	251365	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	108602	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	144021	46.48	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.96%	
35) Dibromofluoromethane	4.29	113	136882	53.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.94%	
50) Toluene-d8	7.70	98	286817	44.48	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.96%	
62) 4-Bromofluorobenzene	11.51	95	120245	35.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	71.10%	
Target Compounds						
16) Acetone	2.33	43	21310	20.77	ug/l	# 90
20) Methylene Chloride	2.27	84	8277	1.47	ug/l	94
95) Naphthalene	14.52	128	31487	7.91	ug/l	98

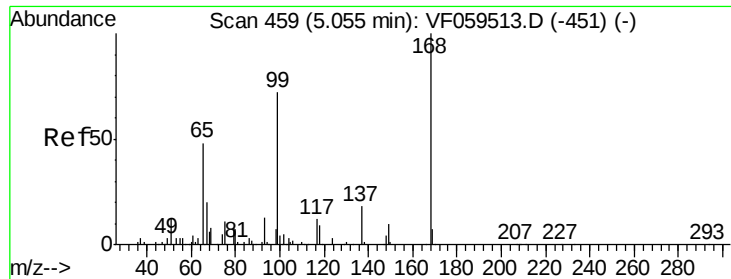
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF072018\
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Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059595.D

Acq: 20 Jul 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

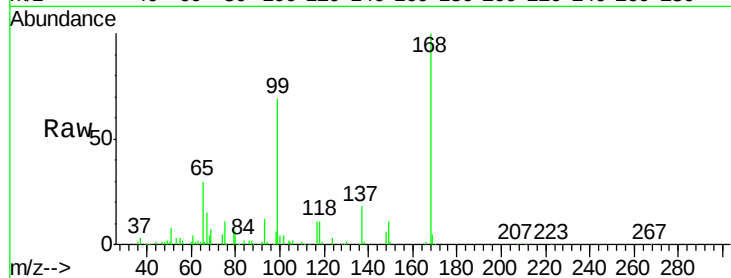
SB5-L-8

Tot Ion:168 Resp: 199237

Ion Ratio Lower Upper

168 100

99 69.3 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

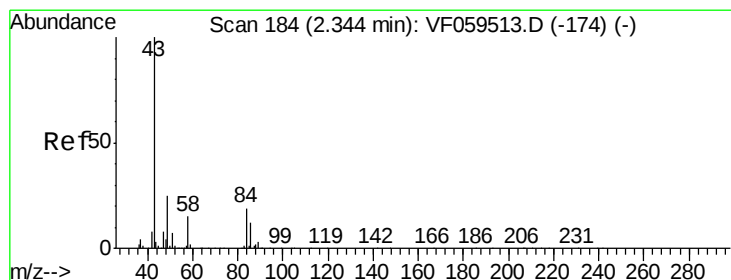
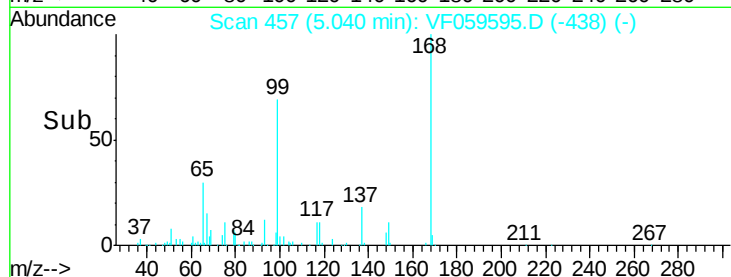
40000

20000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#16

Acetone

Concen: 20.77 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF059595.D

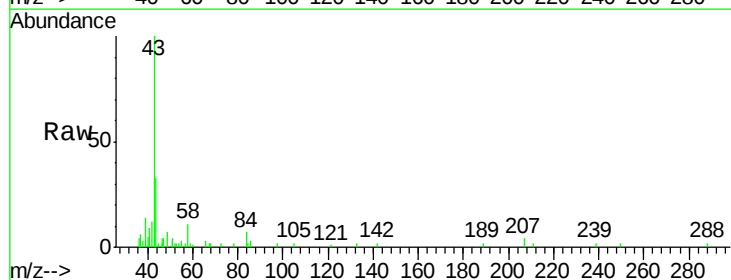
Acq: 20 Jul 2018 21:54

Tgt Ion: 43 Resp: 21310

Ion Ratio Lower Upper

43 100

58 10.6 11.8 17.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

8000

6000

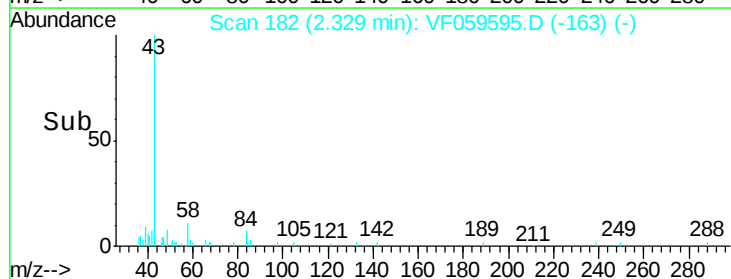
4000

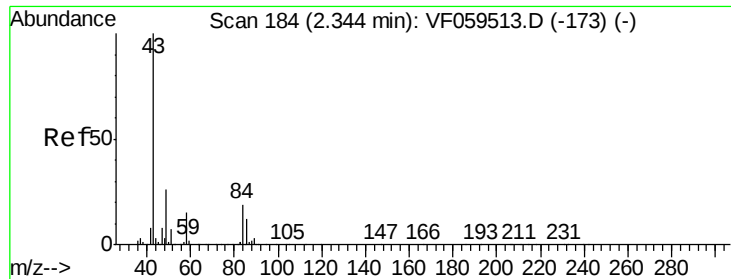
2000

0

Time-->

2.20 2.30 2.40

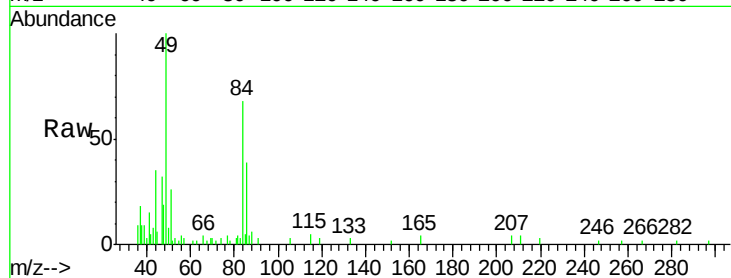




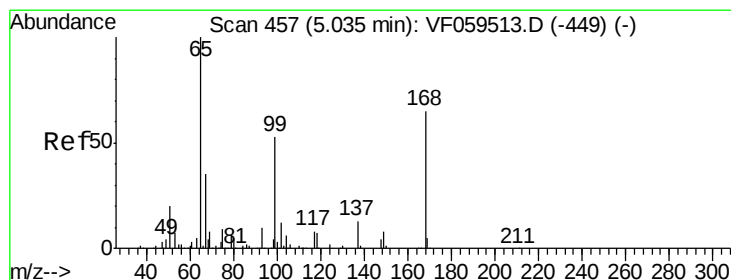
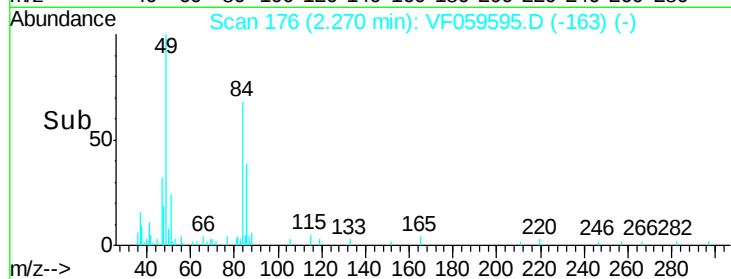
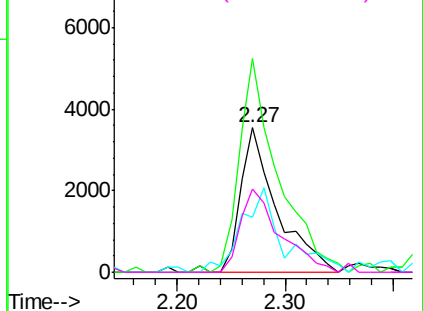
#20
Methvlene Chloride
Concen: 1.47 ug/l
RT: 2.27 min Scan# 176
Delta R.T. -0.07 min
Lab File: VF059595.D
Acq: 20 Jul 2018 21:54

Instrument :
MSVOA_F
ClientSampleId :
SB5-L-8

Tot Ion:	84	Resp:	8277
Ion	Ratio	Lower	Upper
84	100		
49	148.0	109.4	164.2
51	38.5	30.5	45.7
86	57.7	47.6	71.4

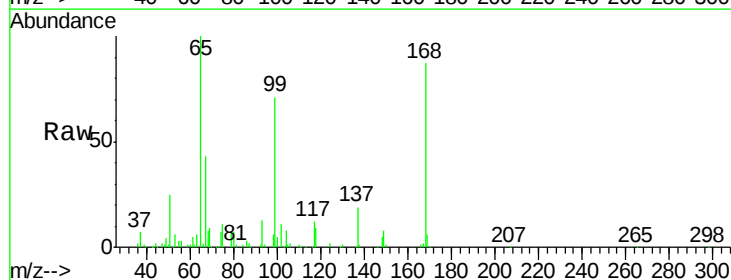


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

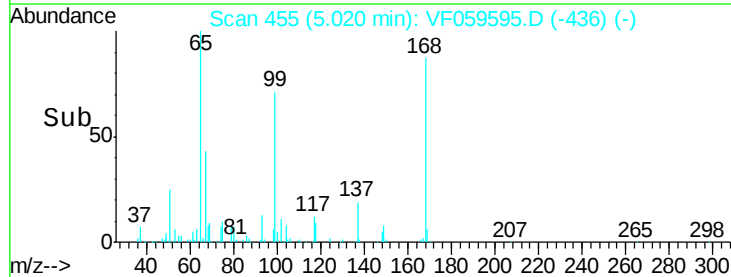
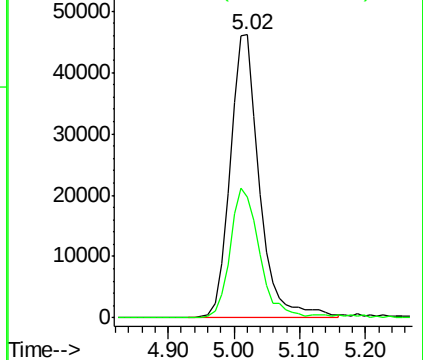


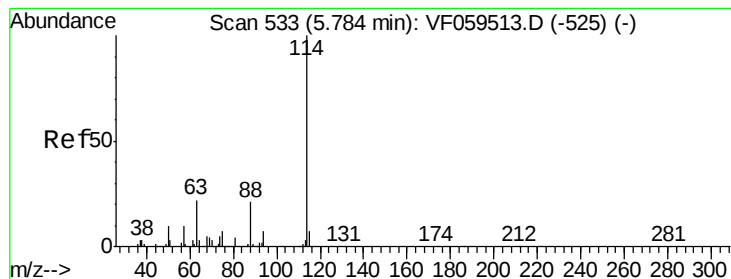
#33
1,2-Dichloroethane-d4
Concen: 46.48 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF059595.D
Acq: 20 Jul 2018 21:54

Tgt Ion:	65	Resp:	144021
Ion	Ratio	Lower	Upper
65	100		
67	42.7	0.0	91.2



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF059595.D

Acq: 20 Jul 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

SB5-L-8

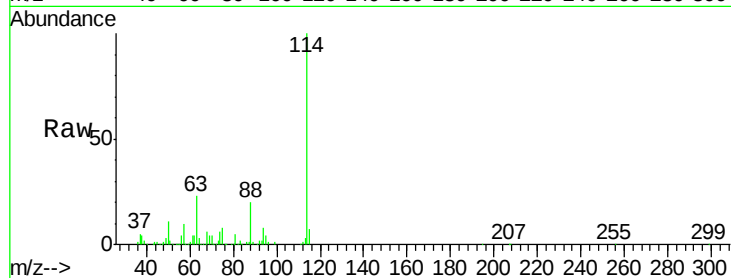
Tot Ion:114 Resp: 295557

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.8

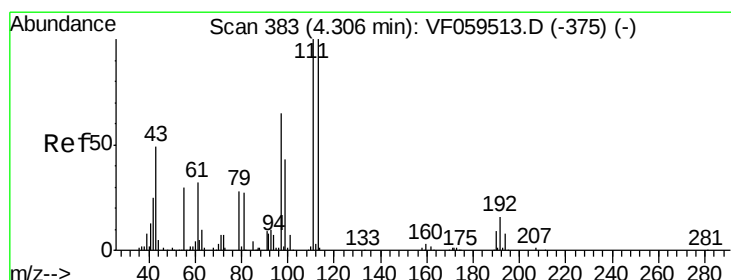
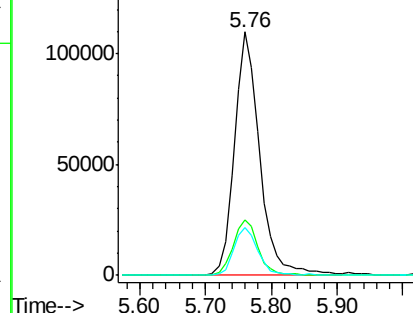
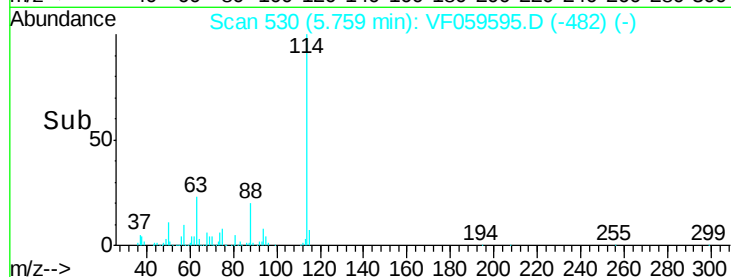
88 19.6 0.0 42.6



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: 53.47 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059595.D

Acq: 20 Jul 2018 21:54

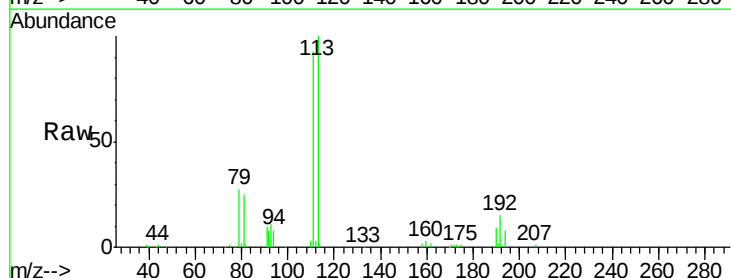
Tgt Ion:113 Resp: 136882

Ion Ratio Lower Upper

113 100

111 92.3 80.3 120.5

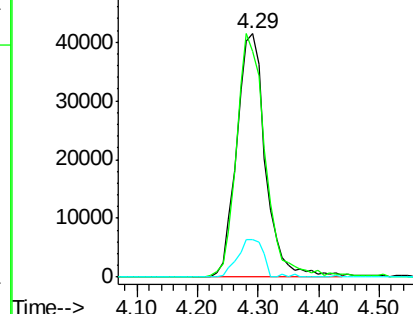
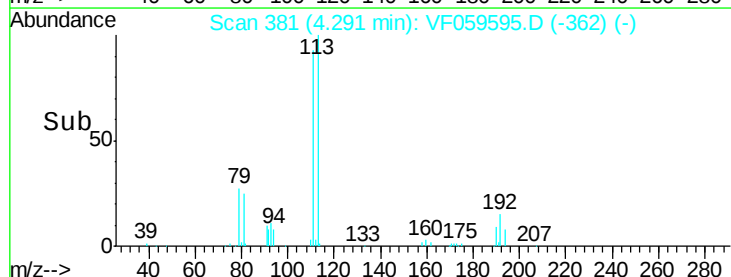
192 15.4 13.1 19.7

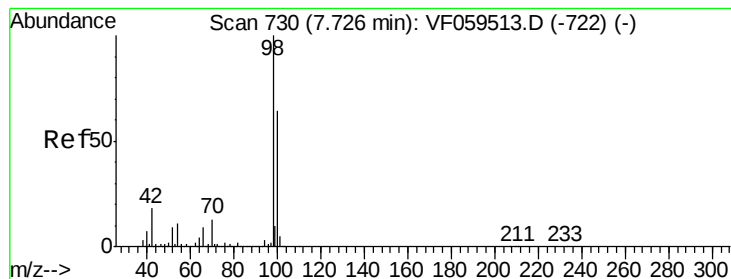


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 44.48 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.02 min

Lab File: VF059595.D

Acq: 20 Jul 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

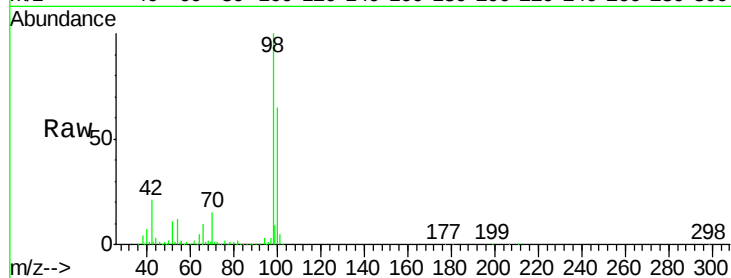
SB5-L-8

Tot Ion: 98 Resp: 286817

Ion Ratio Lower Upper

98 100

100 64.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

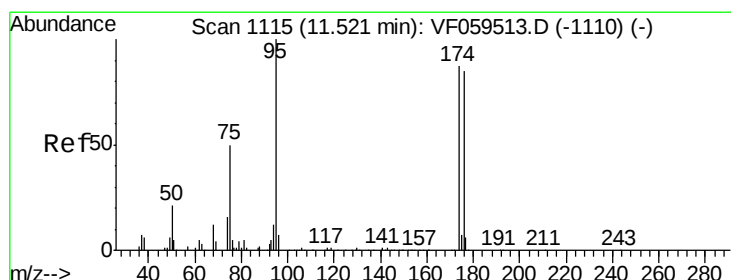
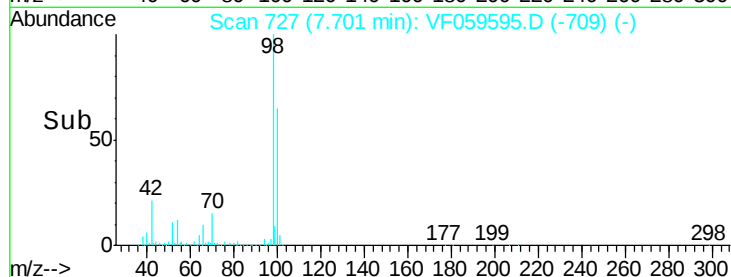
7.70

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 35.55 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.02 min

Lab File: VF059595.D

Acq: 20 Jul 2018 21:54

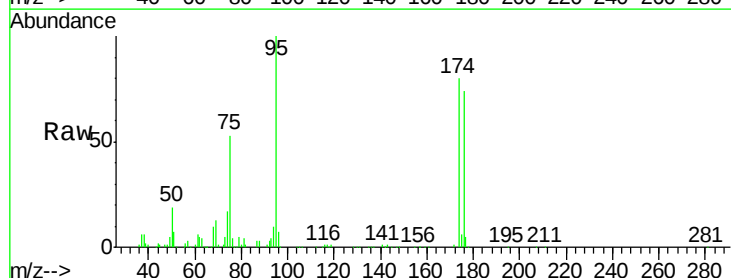
Tgt Ion: 95 Resp: 120245

Ion Ratio Lower Upper

95 100

174 79.6 0.0 174.4

176 74.0 0.0 169.4



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

11.51

80000

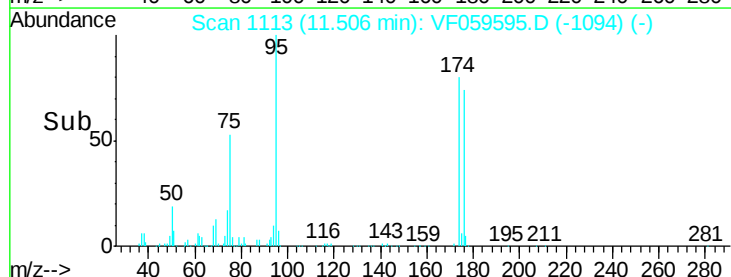
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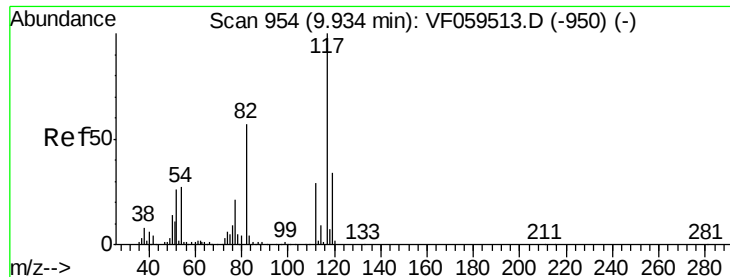
40000

20000

0

Time-->

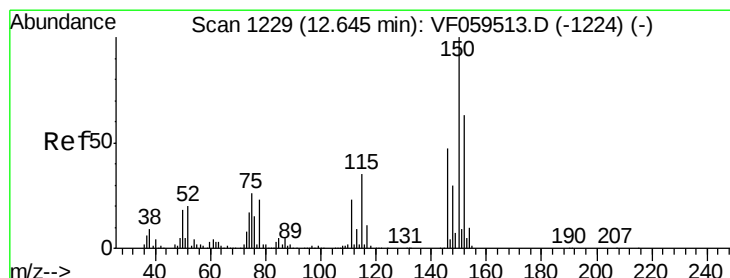
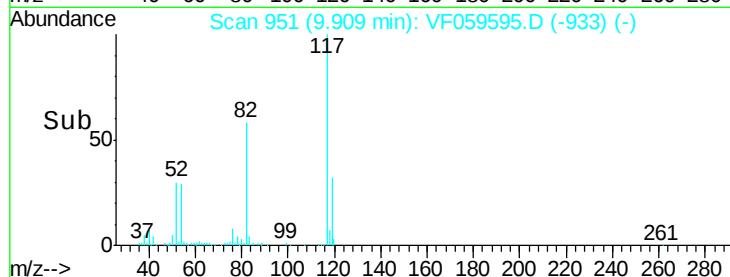
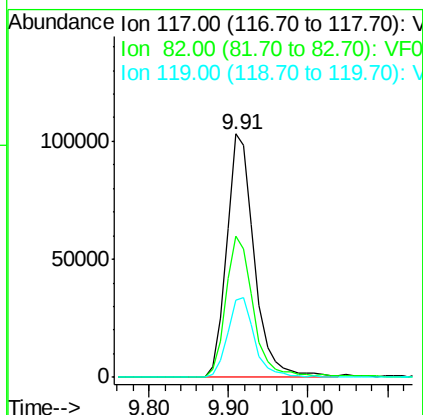
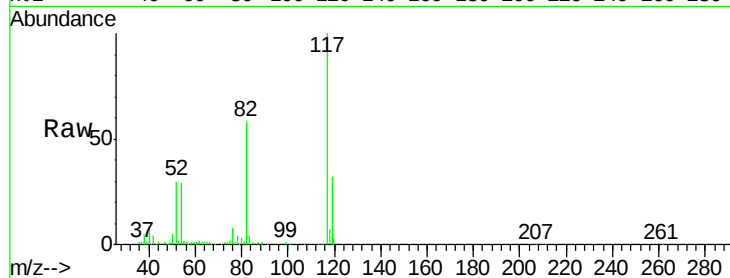




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF059595.D
Acq: 20 Jul 2018 21:54

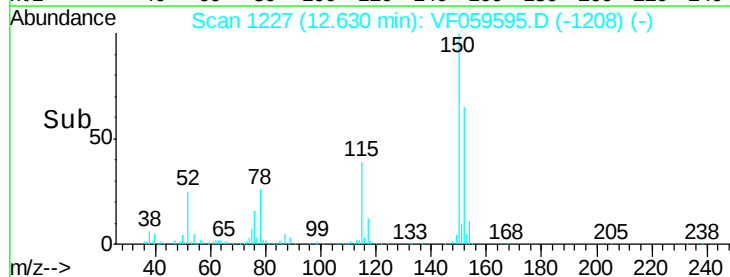
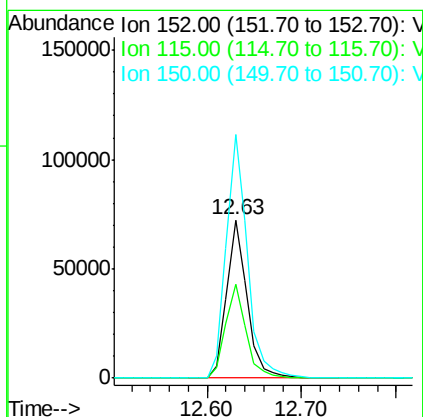
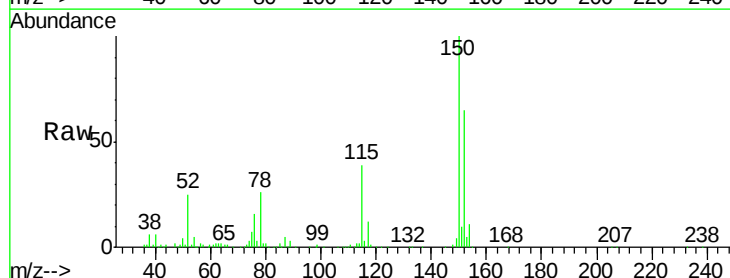
Instrument :
MSVOA_F
ClientSampled :
SB5-L-8

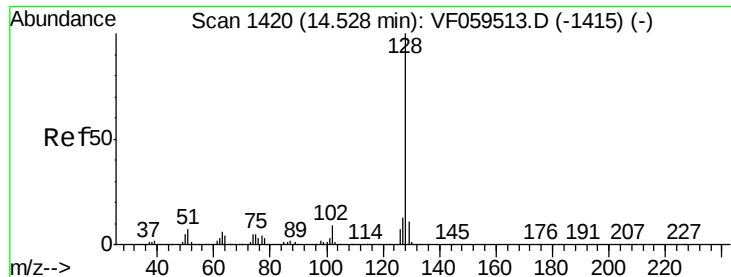
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.1	69.1
119	31.8	27.2	40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059595.D
Acq: 20 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	27.8	83.3
150	154.0	0.0	318.4





#95

Naphthalene

Concen: 7.91 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VF059595.D

Acq: 20 Jul 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

SB5-L-8

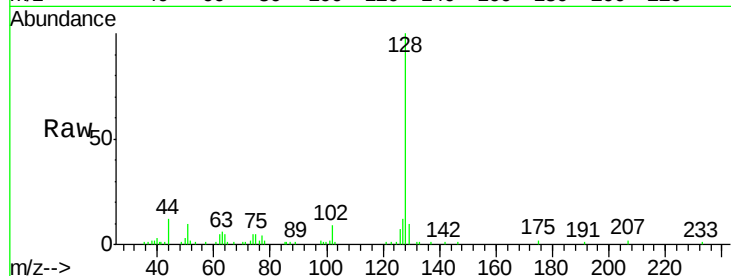
Tot Ion:128 Resp: 31487

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.2

129 10.3 9.0 13.4



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

