

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061818\
 Data File : VF059187.D
 Acq On : 18 Jun 2018 20:34
 Operator : VA/AP
 Sample : J3538-01
 Misc : 5.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SS-T-4-STONE

Manual Integrations
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Quant Time: Jun 19 04:22:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	240486	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	375690	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	310938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	131305	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	161672	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
35) Dibromofluoromethane	4.28	113	148497	56.33	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.66%	
50) Toluene-d8	7.70	98	330481	42.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.34%	
62) 4-Bromofluorobenzene	11.51	95	138566	34.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.76%	
Target Compounds						
16) Acetone	2.33	43	11202	16.086	ug/l #	85
20) Methylene Chloride	2.27	84	7799m	4.677	ug/l	

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

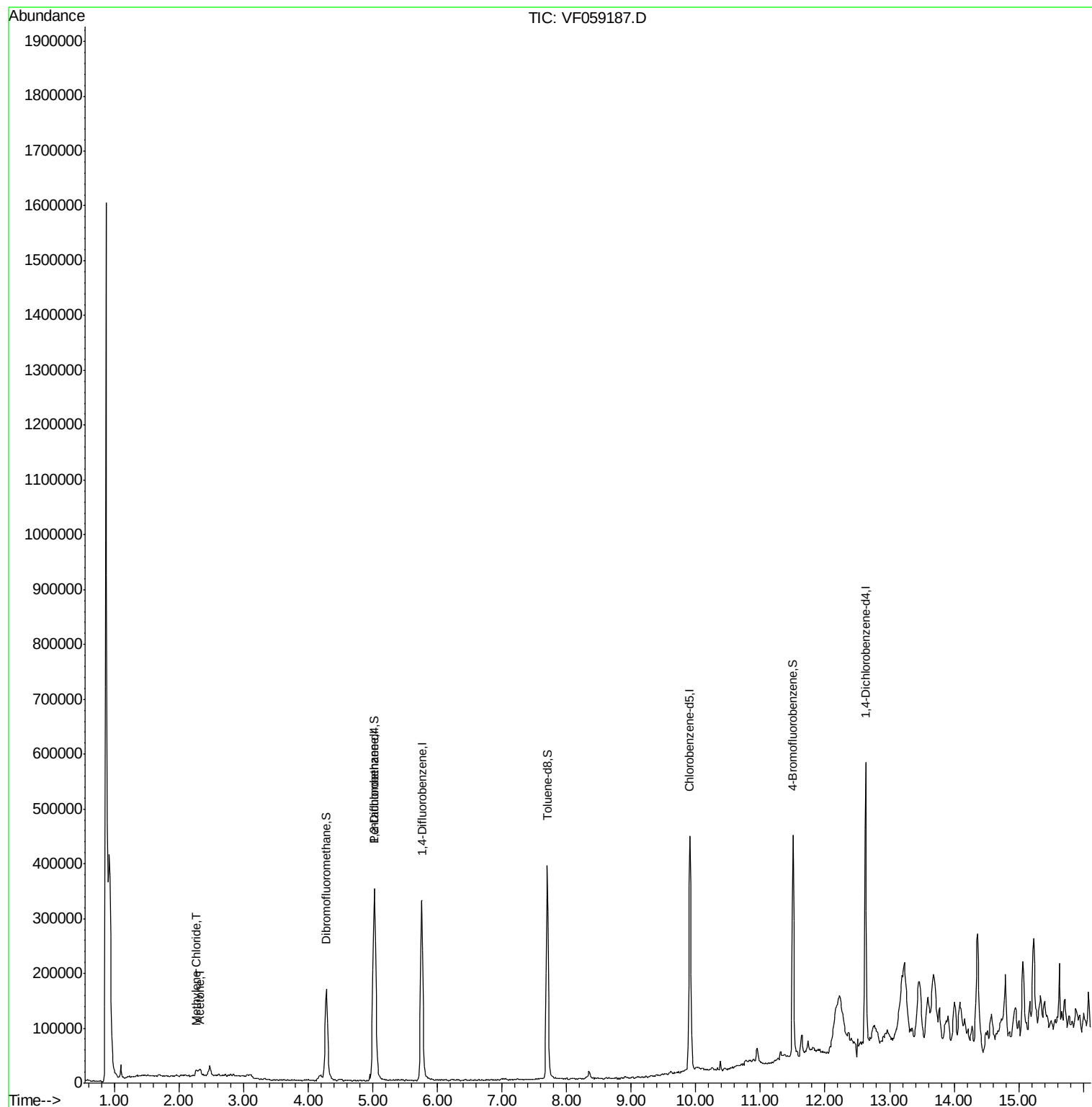
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061818\
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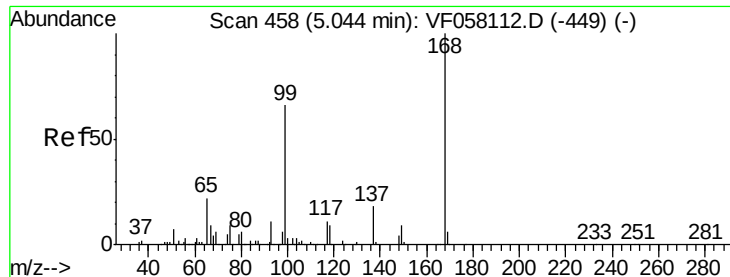
Instrument :
MSVOA_F
ClientSampleId :
SS-T-4-STONE

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Quant Time: Jun 19 04:22:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF059187.D

Acq: 18 Jun 2018 20:34

Instrument :

MSVOA_F

ClientSampleId :

SS-T-4-STONE

Tot Ion:168 Resp: 240486

Ion Ratio Lower Upper

168 100

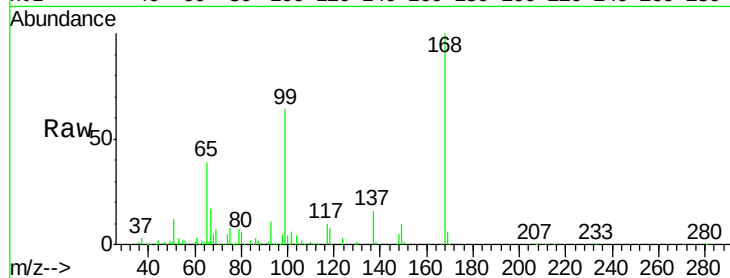
99 63.9 52.9 79.3

Manual Integrations

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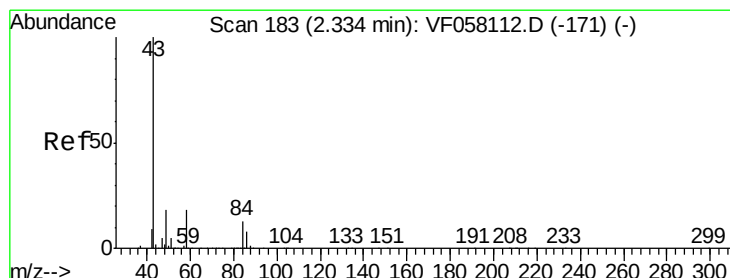
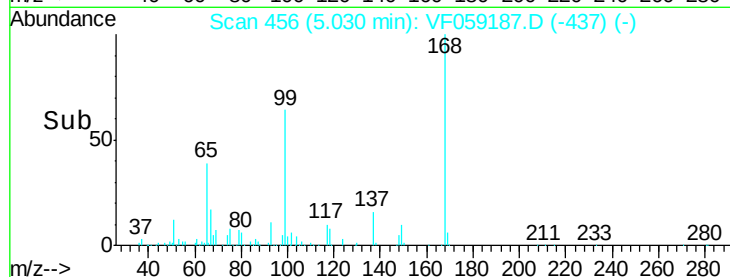
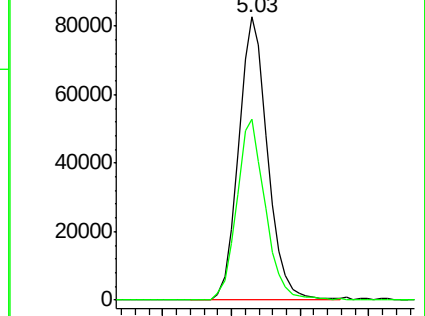
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 16.086 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059187.D

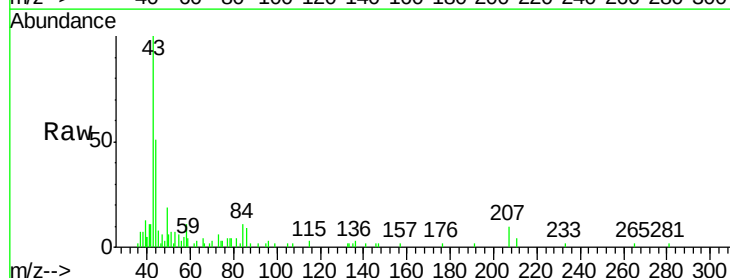
Acq: 18 Jun 2018 20:34

Tgt Ion: 43 Resp: 11202

Ion Ratio Lower Upper

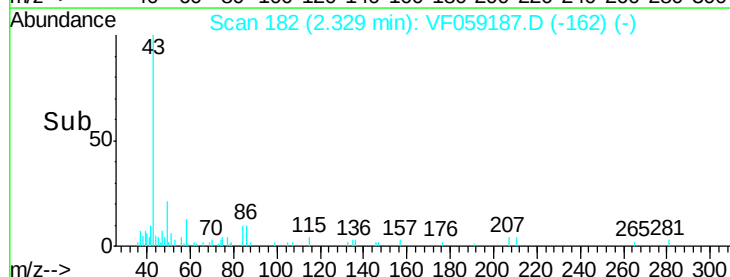
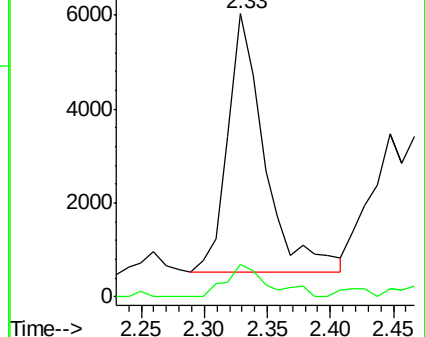
43 100

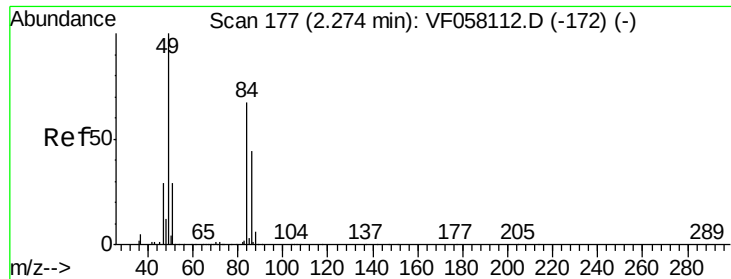
58 11.4 14.4 21.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





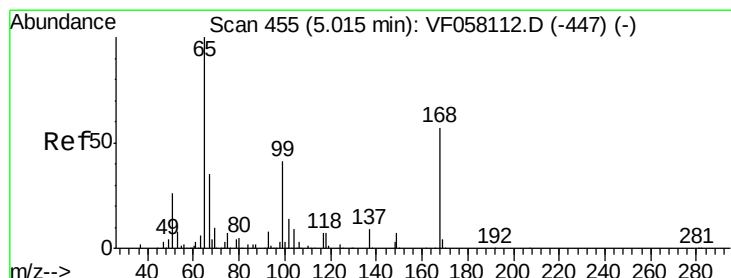
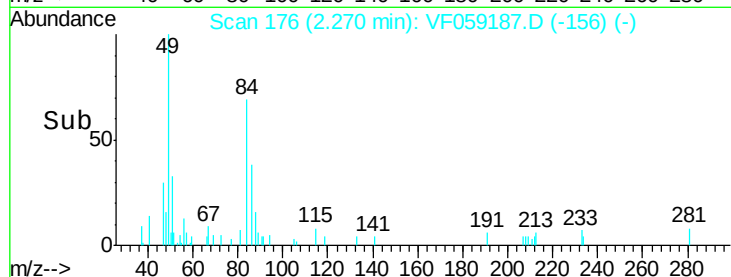
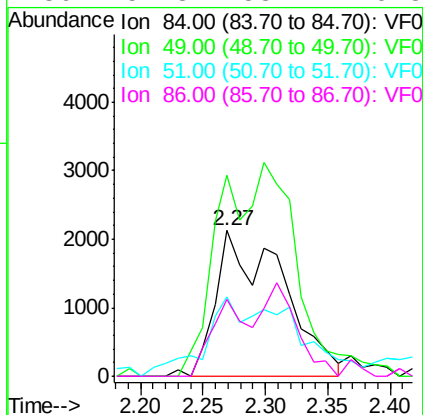
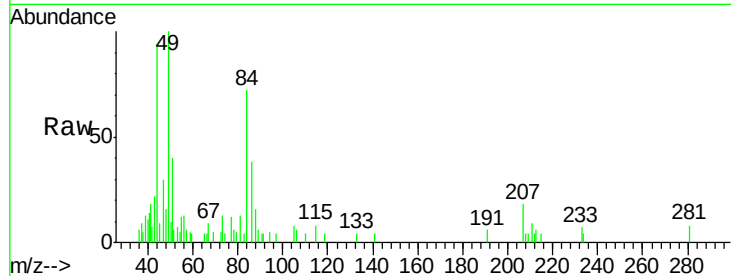
#20
Methylene Chloride
Concen: 4.677 ug/l m
RT: 2.27 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059187.D
Acq: 18 Jun 2018 20:34

Instrument :
MSVOA_F
ClientSampleId :
SS-T-4-STONE

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	137.9	121.0	181.4	
51	54.7	35.8	53.6#	
86	52.8	53.2	79.8#	

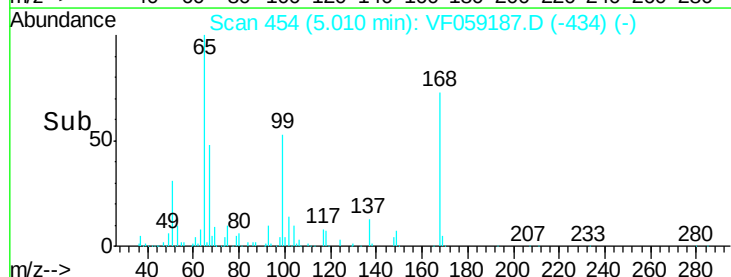
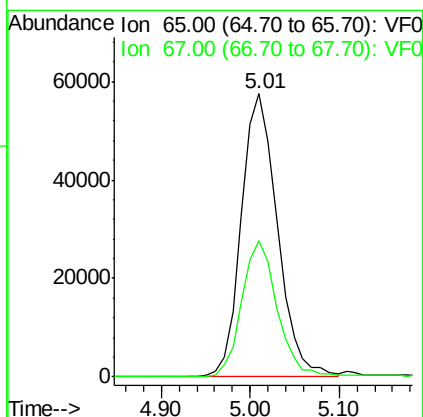
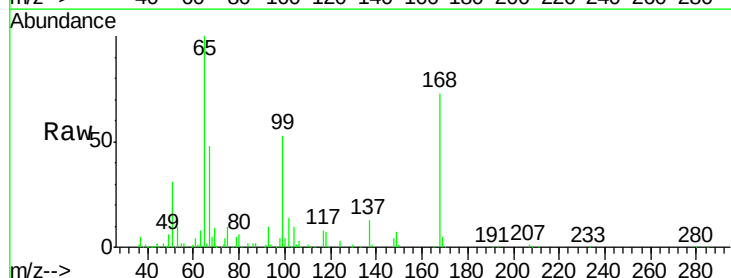
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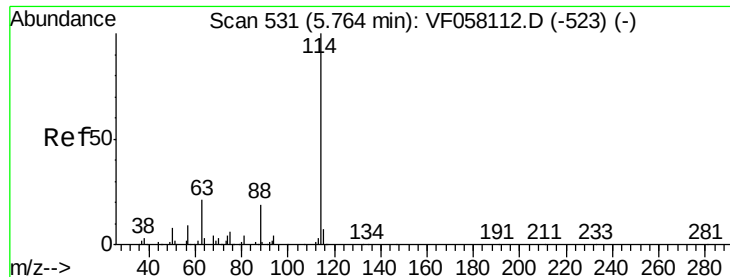
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#33
1,2-Dichloroethane-d4
Concen: 55.432 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.00 min
Lab File: VF059187.D
Acq: 18 Jun 2018 20:34

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	48.2	0.0	97.0	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059187.D

Acq: 18 Jun 2018 20:34

Instrument :

MSVOA_F

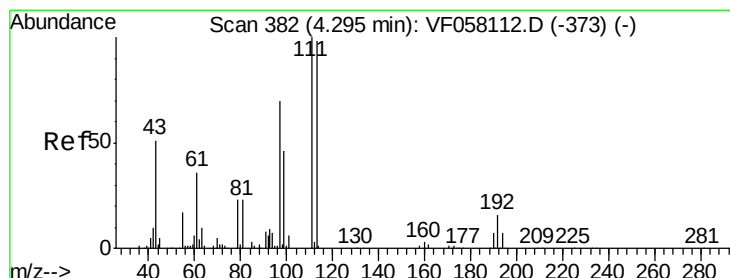
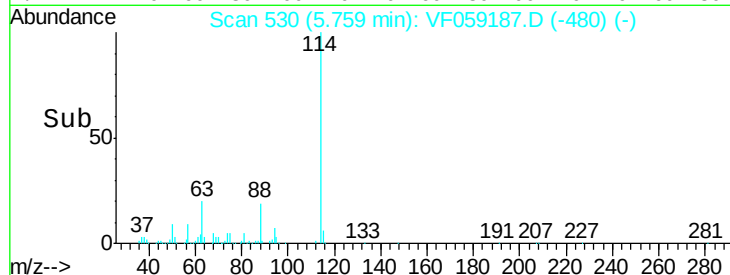
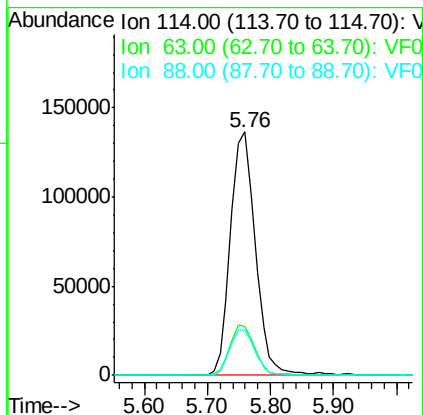
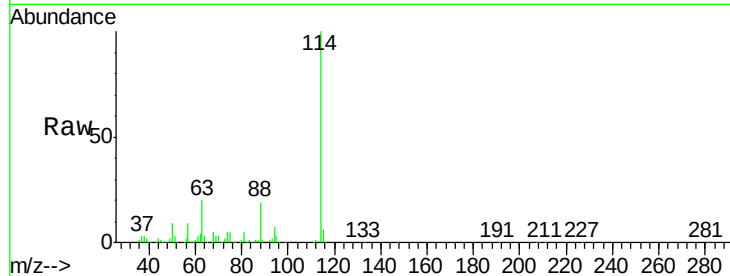
ClientSampleId :

SS-T-4-STONE

Tot Ion:	114	Resp:	375690
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	41.6
88	18.7	0.0	38.8

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#35

Dibromofluoromethane

Concen: 56.332 ug/l

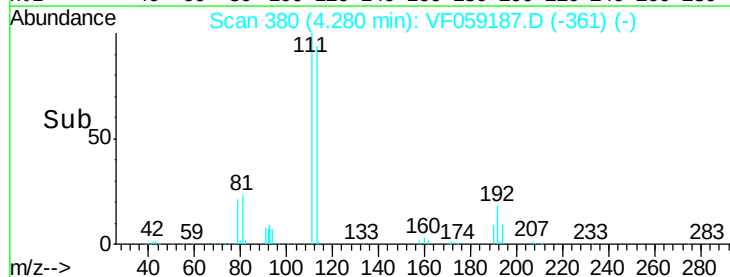
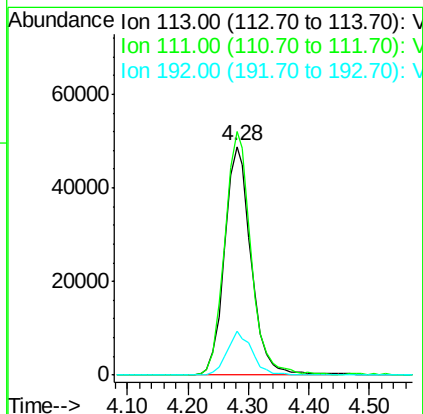
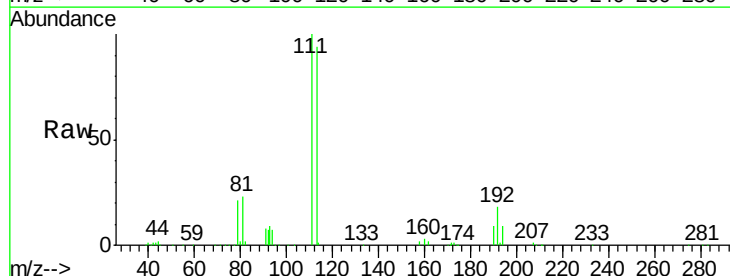
RT: 4.28 min Scan# 380

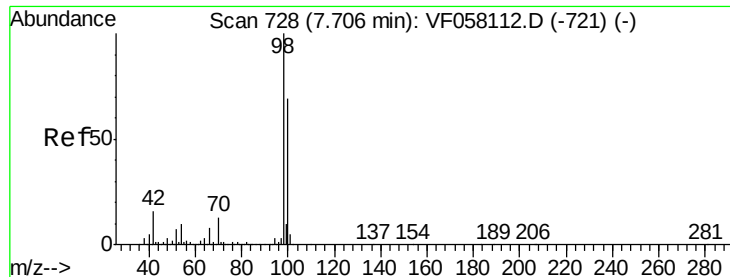
Delta R.T. -0.01 min

Lab File: VF059187.D

Acq: 18 Jun 2018 20:34

Tgt Ion:	113	Resp:	148497
Ion Ratio	Lower	Upper	
113	100		
111	106.6	81.3	121.9
192	19.2	12.7	19.1#





#50

Toluene-d8

Concen: 42.674 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059187.D

Acq: 18 Jun 2018 20:34

Instrument :

MSVOA_F

ClientSampleId :

SS-T-4-STONE

Tot Ion: 98 Resp: 330481

Ion Ratio Lower Upper

98 100

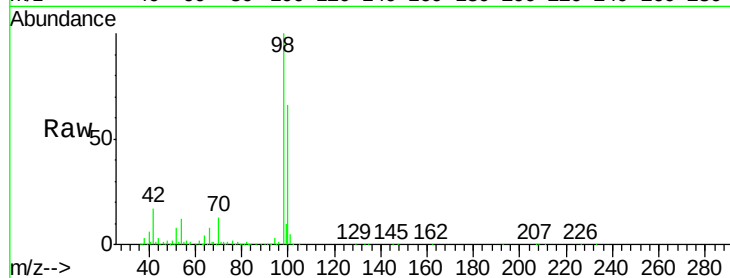
100 66.1 55.6 83.4

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.70

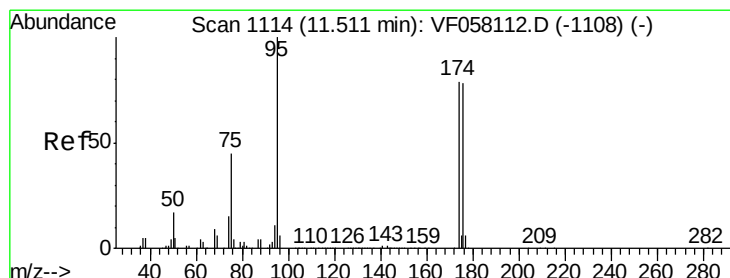
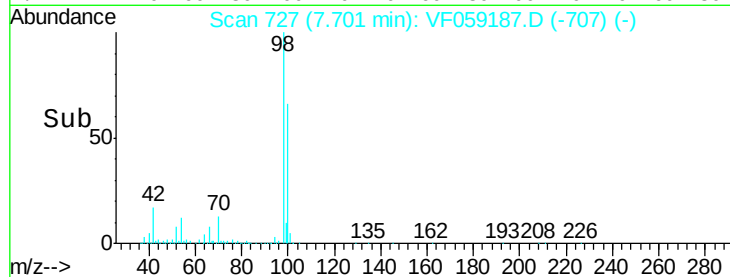
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 34.885 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059187.D

Acq: 18 Jun 2018 20:34

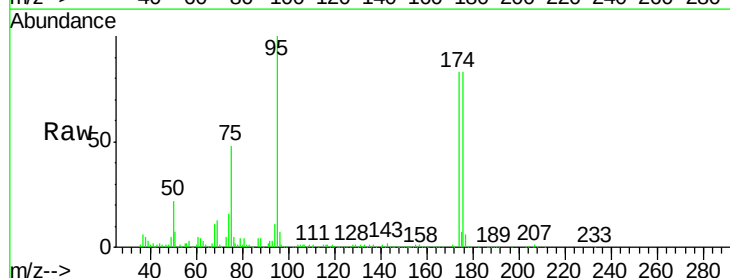
Tgt Ion: 95 Resp: 138566

Ion Ratio Lower Upper

95 100

174 82.8 0.0 157.8

176 83.0 0.0 155.8



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

100000

80000

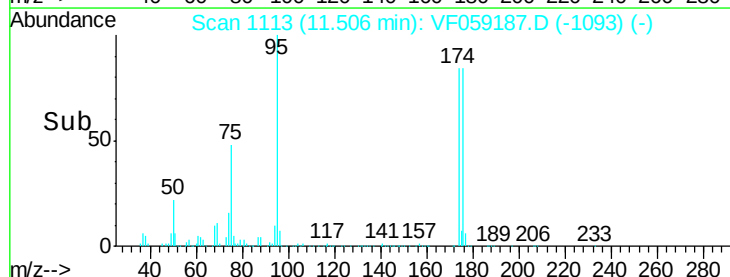
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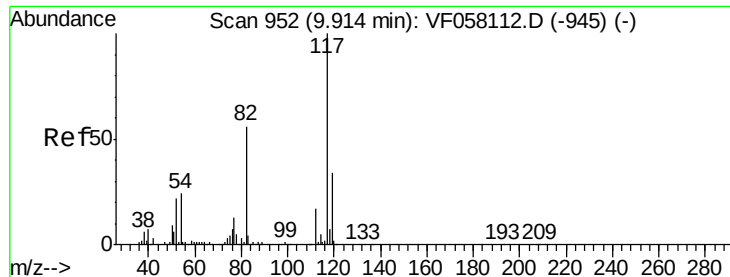
40000

20000

0

Time-->





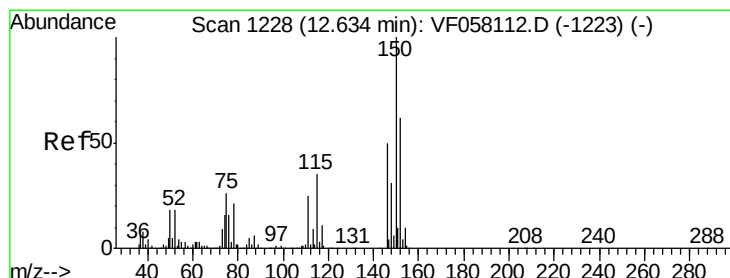
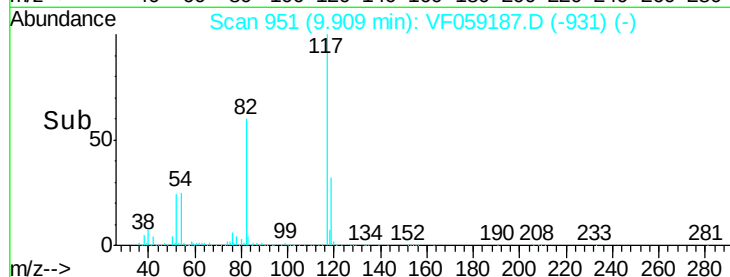
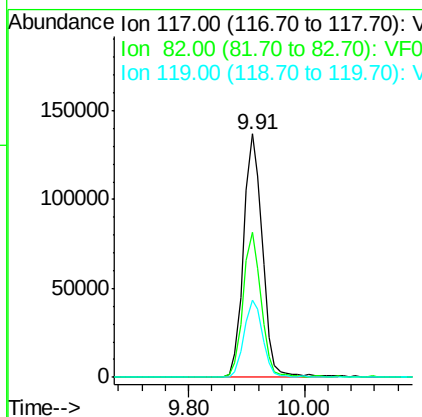
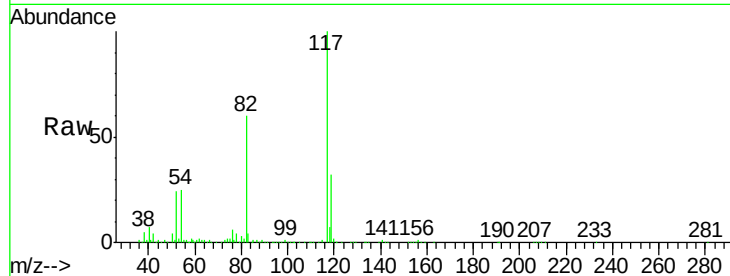
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059187.D
Acq: 18 Jun 2018 20:34

Instrument :
MSVOA_F
ClientSampleId :
SS-T-4-STONE

Tot Ion	Ratio	Resp	Lower	Upper
117	100	310938		
82	59.7		45.2	67.8
119	31.6		27.5	41.3

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059187.D
Acq: 18 Jun 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	131305		
115	61.9		28.5	85.5
150	154.7		0.0	323.8

