

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\
 Data File : VF059458.D
 Acq On : 6 Jul 2018 19:13
 Operator : VA/AP
 Sample : J3868-03
 Misc : 5.91g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-7-S

Manual Integrations
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Quant Time: Jul 07 03:43:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	204602	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.73	114	328220	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	337793	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	223099	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	175173	66.27	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	132.54%	
35) Dibromofluoromethane	4.27	113	156667	65.33	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	130.66%	
50) Toluene-d8	7.68	98	324448	54.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	109.28%	
62) 4-Bromofluorobenzene	11.49	95	195596	58.40	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	116.80%	
Target Compounds						
16) Acetone	2.32	43	51187	70.20	ug/l	Qvalue 94
20) Methylene Chloride	2.26	84	12530m	1.25	ug/l	

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

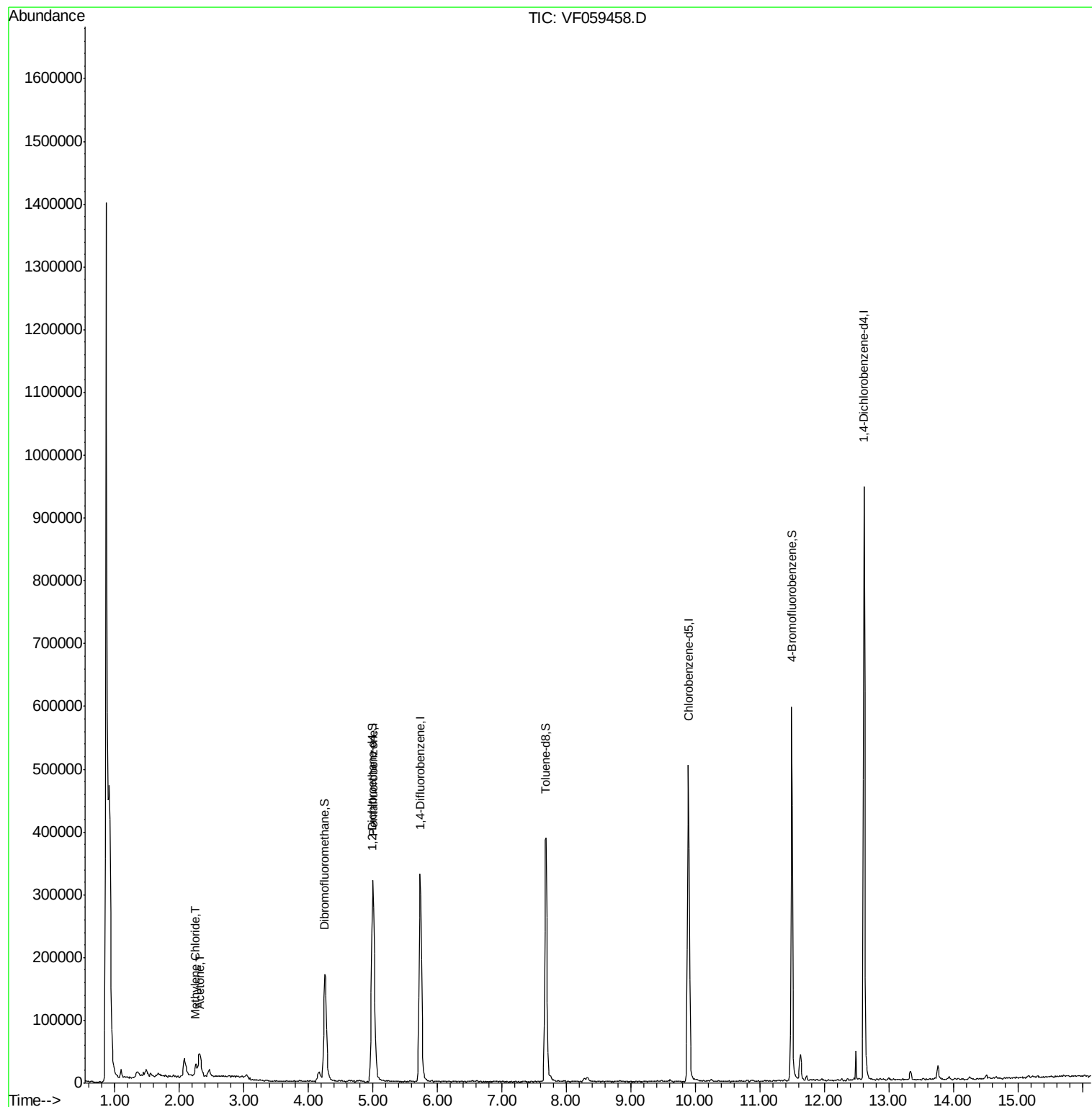
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070618\
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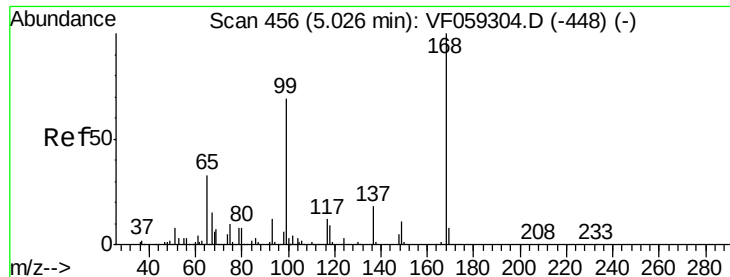
Instrument :
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Quant Time: Jul 07 03:43:50 2018
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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059458.D

Acq: 6 Jul 2018 19:13

Instrument :

MSVOA_F

ClientSampleId :

TP-7-S

Tot Ion:168 Resp: 204602

Ion Ratio Lower Upper

168 100

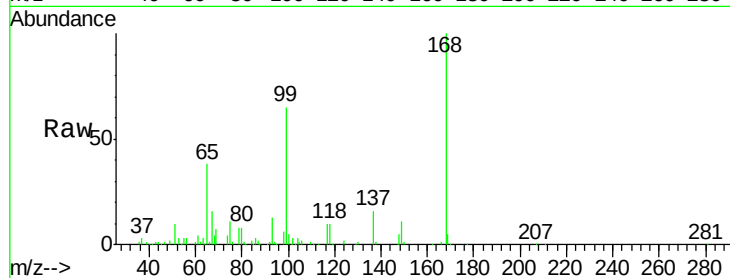
99 65.4 54.9 82.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.01

80000

60000

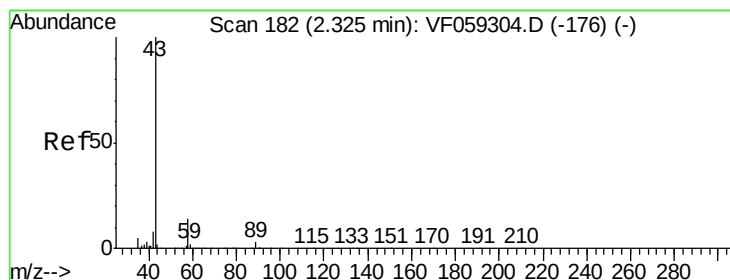
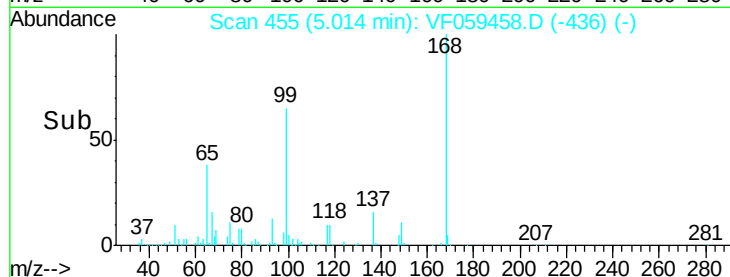
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 70.20 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059458.D

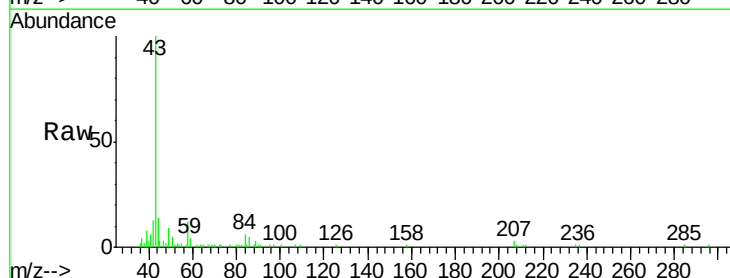
Acq: 6 Jul 2018 19:13

Tgt Ion: 43 Resp: 51187

Ion Ratio Lower Upper

43 100

58 11.6 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

20000

15000

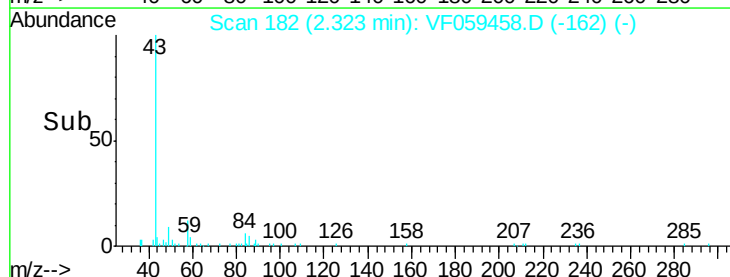
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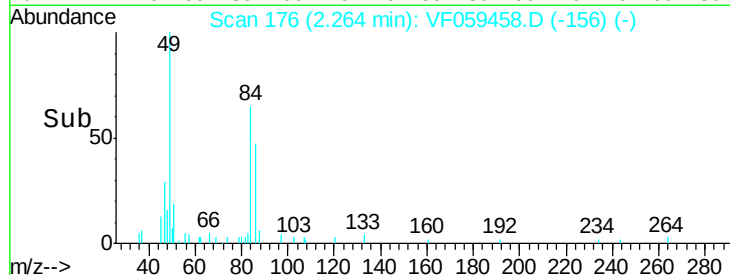
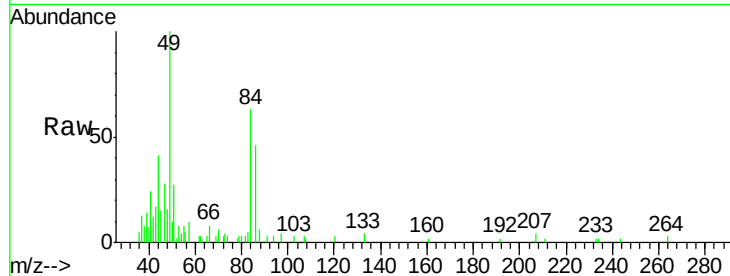
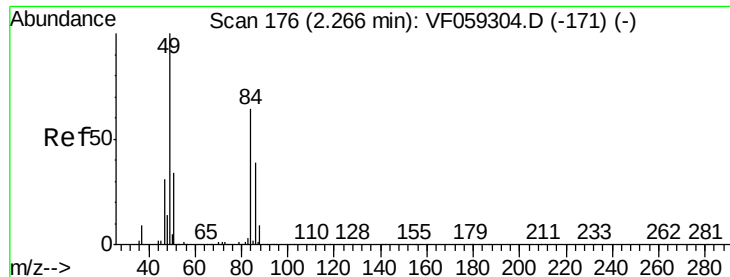
5000

0

Time-->

2.20 2.30 2.40





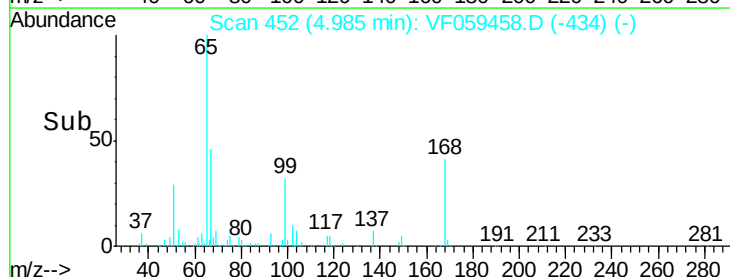
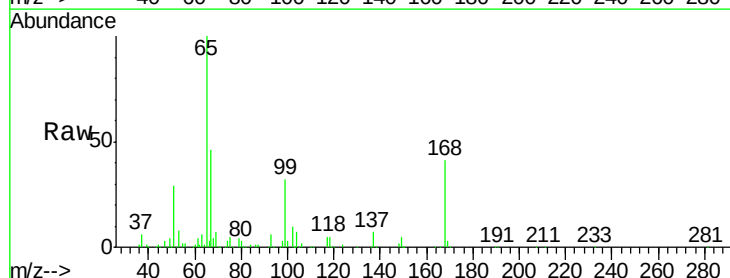
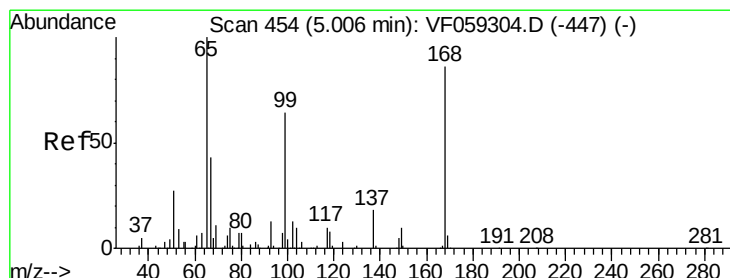
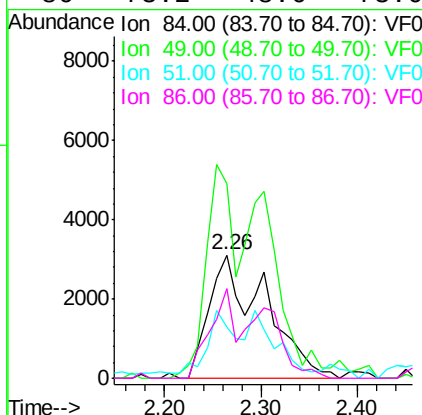
#20
Methylene Chloride
Concen: 1.25 ug/l m
RT: 2.26 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059458.D
Acq: 6 Jul 2018 19:13

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	158.2	126.5	189.7	
51	42.1	42.9	64.3	
86	73.2	48.6	73.0	

Instrument :
MSVOA_F
ClientSampleId :
TP-7-S

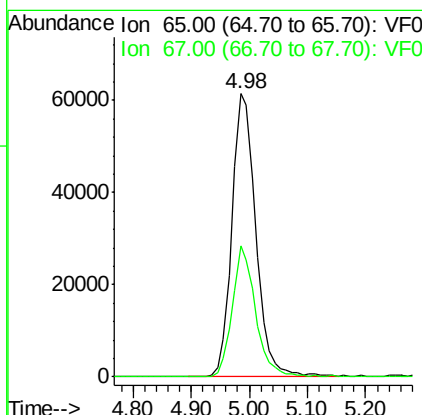
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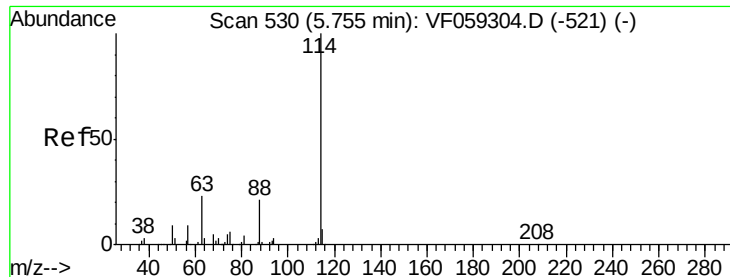
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#33
1,2-Dichloroethane-d4
Concen: 66.27 ug/l
RT: 4.98 min Scan# 452
Delta R.T. -0.02 min
Lab File: VF059458.D
Acq: 6 Jul 2018 19:13

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	46.3	0.0	96.8	





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.73 min Scan# 528

Delta R.T. -0.02 min

Lab File: VF059458.D

Acq: 6 Jul 2018 19:13

Instrument :

MSVOA_F

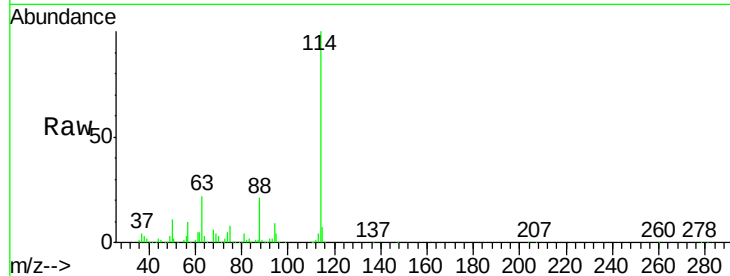
ClientSampleId :

TP-7-S

Tot Ion:	114	Resp:	328220
Ion Ratio		Lower	Upper
114	100		
63	22.5	0.0	45.8
88	20.9	0.0	41.2

Manual Integrations
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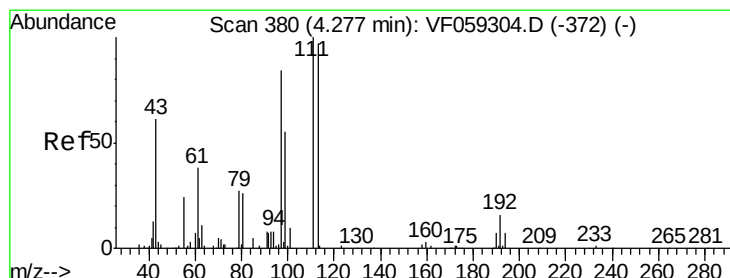
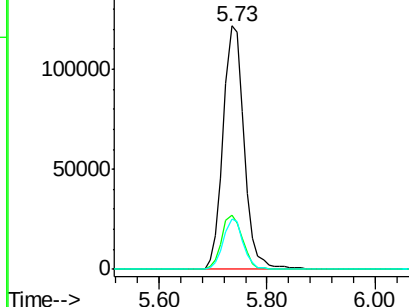
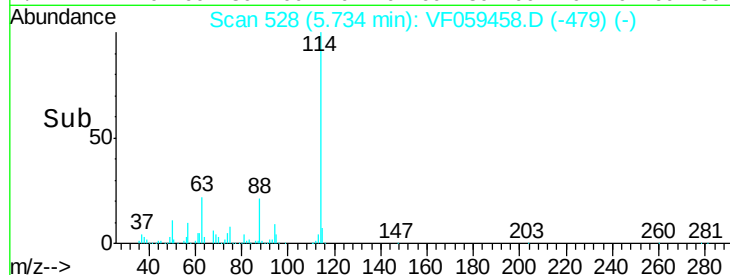
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 65.33 ug/l

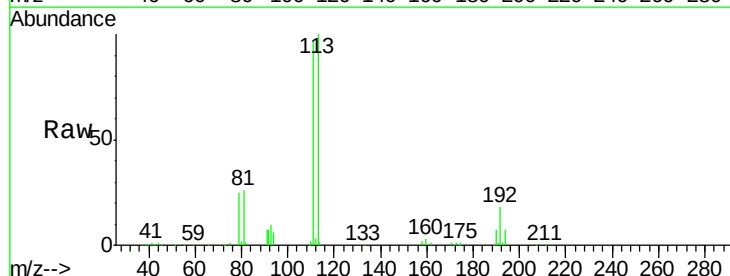
RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059458.D

Acq: 6 Jul 2018 19:13

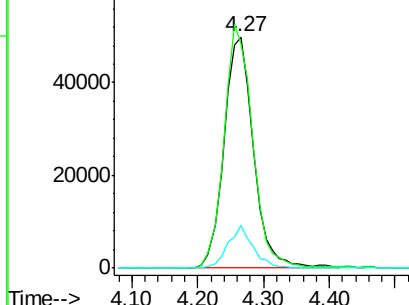
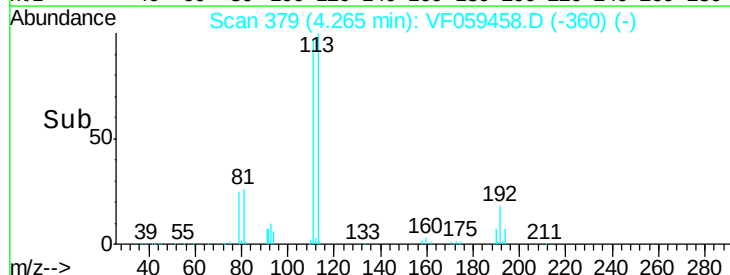
Tgt Ion:	113	Resp:	156667
Ion Ratio		Lower	Upper
113	100		
111	97.1	82.1	123.1
192	18.2	13.0	19.6

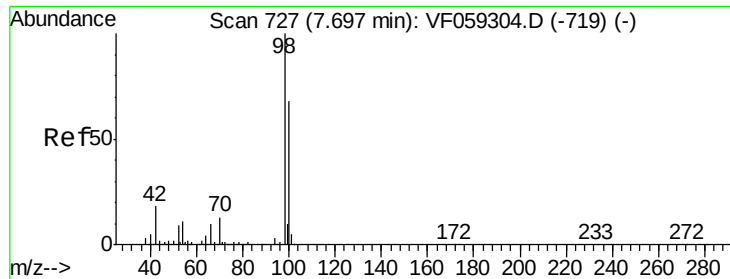


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





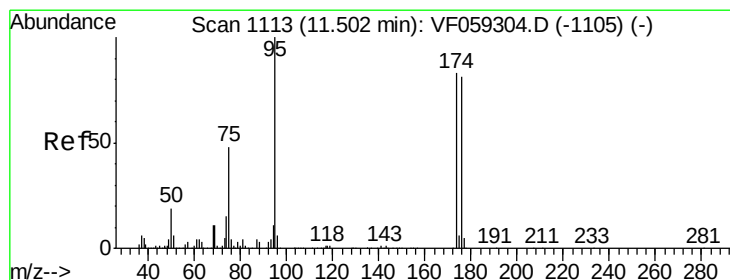
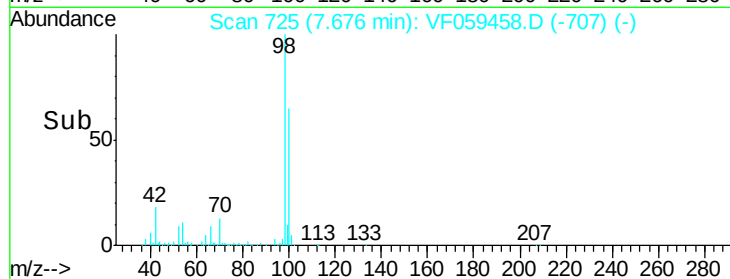
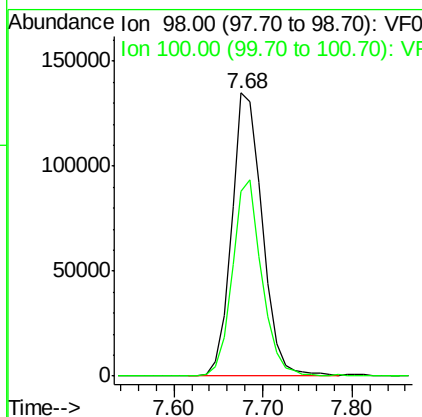
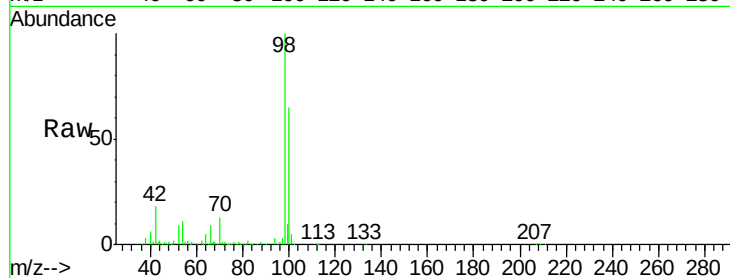
#50
Toluene-d8
Concen: 54.64 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059458.D
Acq: 6 Jul 2018 19:13

Instrument :
MSVOA_F
ClientSampleId :
TP-7-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		324448		
100	65.5	54.6			82.0

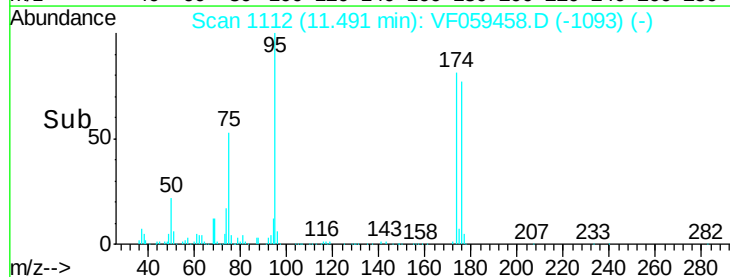
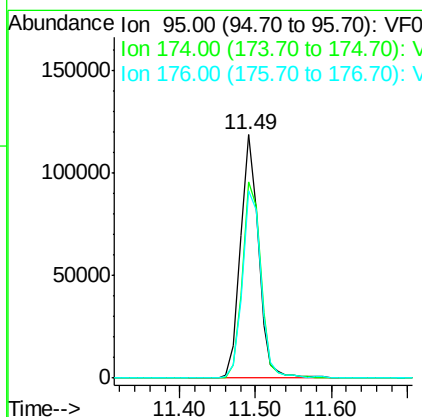
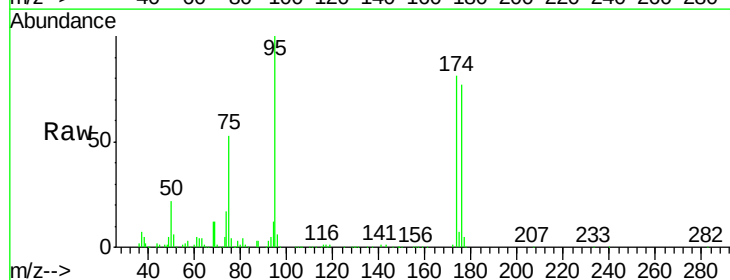
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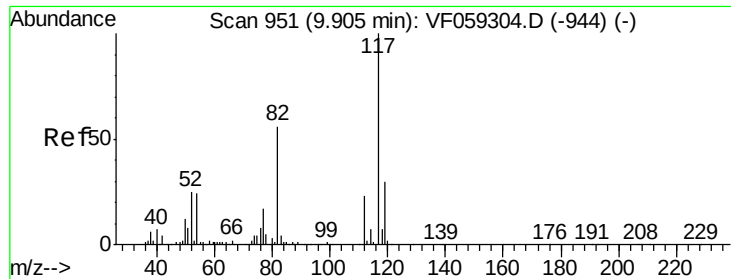
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#62
4-Bromofluorobenzene
Concen: 58.40 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059458.D
Acq: 6 Jul 2018 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		195596		
174	80.6	0.0			165.2
176	77.0	0.0			161.0





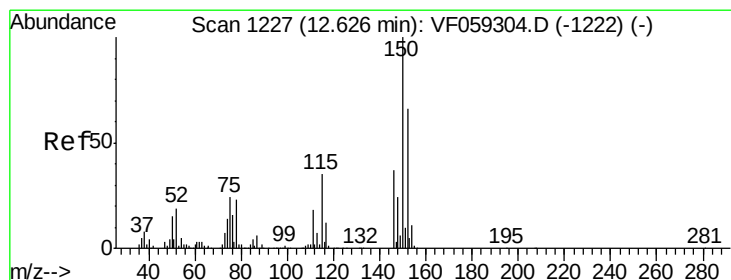
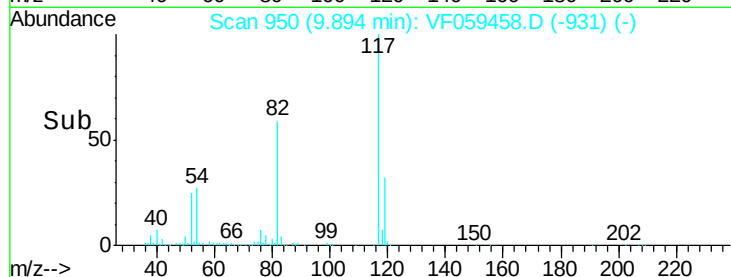
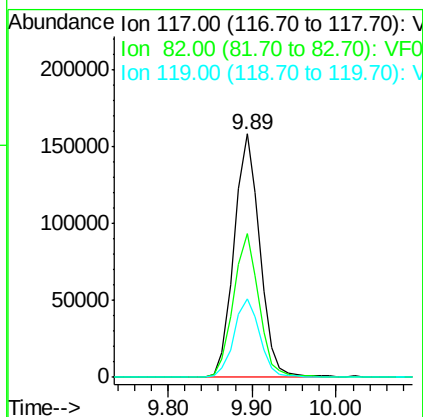
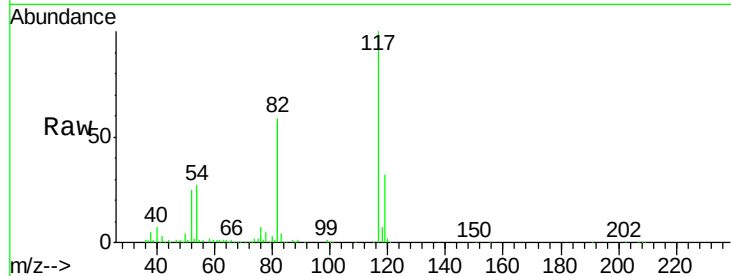
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059458.D
Acq: 6 Jul 2018 19:13

Instrument :
MSVOA_F
ClientSampleId :
TP-7-S

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.6	66.8
119	32.3	24.1	36.1

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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059458.D
Acq: 6 Jul 2018 19:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	27.1	81.3
150	158.3	0.0	305.2

