

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061818\
 Data File : VF059181.D
 Acq On : 18 Jun 2018 17:48
 Operator : VA/AP
 Sample : J3567-03
 Misc : 5.33q/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5-S

Manual Integrations
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Quant Time: Jun 19 04:08:34 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	5.04	168	270583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	409080	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	384151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	224006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	183919	56.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.10%	
35) Dibromofluoromethane	4.29	113	161676	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
50) Toluene-d8	7.70	98	410588	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.50	95	208714	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
Target Compounds						
20) Methylene Chloride	2.31	84	10067m	5.366	ug/l	Qvalue

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

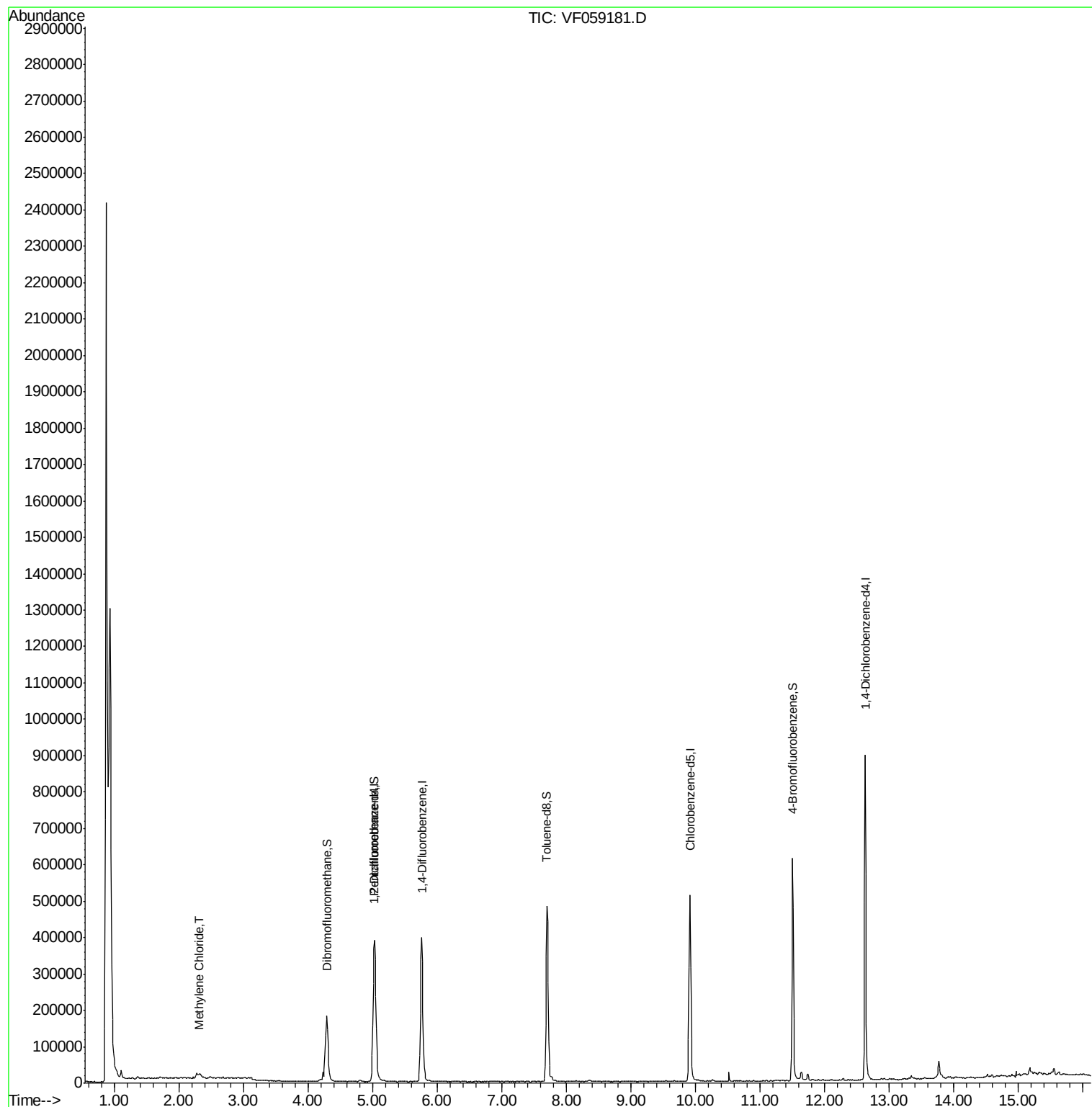
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061818\
Data File : VF059181.D
Acq On : 18 Jun 2018 17:48
Operator : VA/AP
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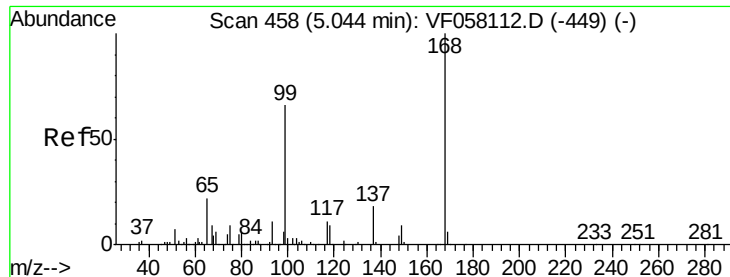
Instrument :
MSVOA_F
ClientSampleId :
TP-5-S

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Quant Time: Jun 19 04:08:34 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: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059181.D

Acq: 18 Jun 2018 17:48

Instrument :

MSVOA_F

ClientSampleId :

TP-5-S

Tot Ion:168 Resp: 270583

Ion Ratio Lower Upper

168 100

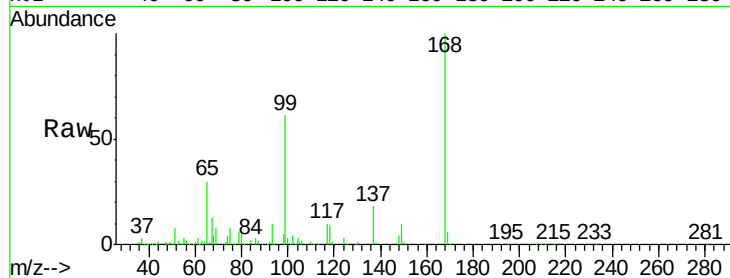
99 61.1 52.9 79.3

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

5.04

100000

80000

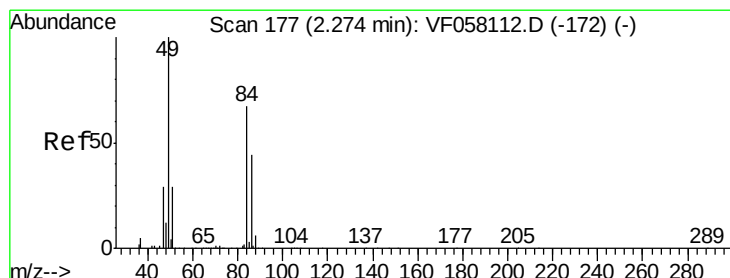
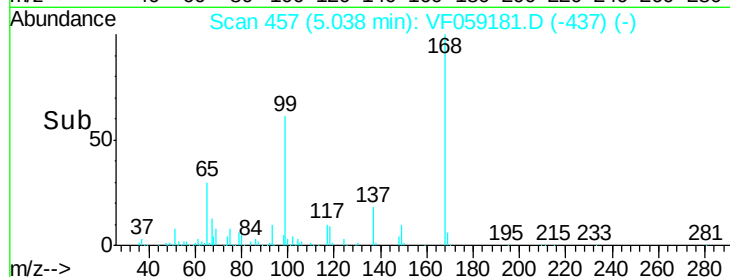
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.366 ug/l m

RT: 2.31 min Scan# 180

Delta R.T. 0.03 min

Lab File: VF059181.D

Acq: 18 Jun 2018 17:48

Tgt Ion: 84 Resp: 10067

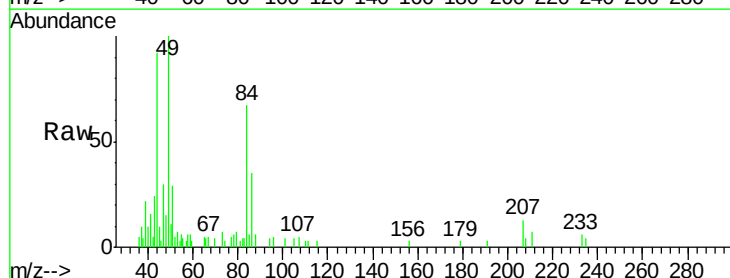
Ion Ratio Lower Upper

84 100

49 149.4 121.0 181.4

51 43.9 35.8 53.6

86 51.7 53.2 79.8#



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

6000

5000

4000

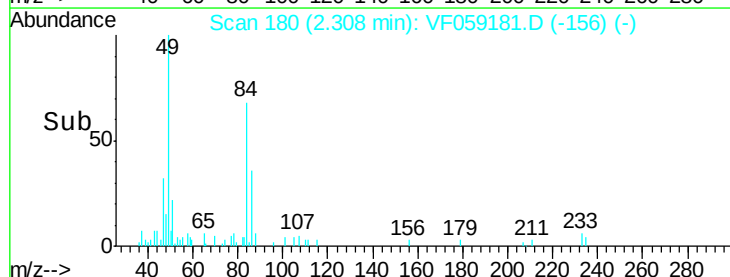
3000

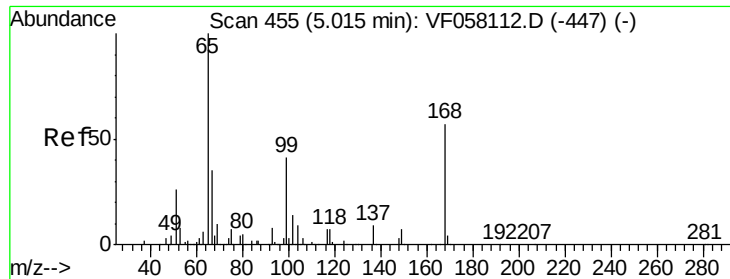
2000

1000

0

Time-->





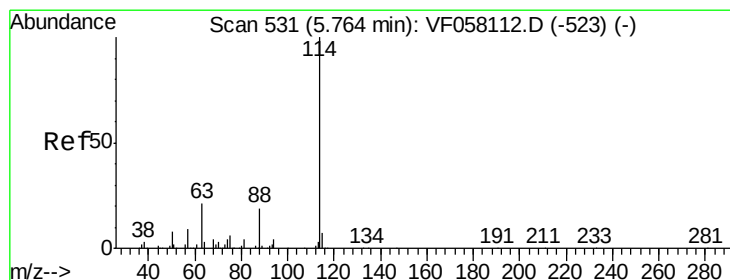
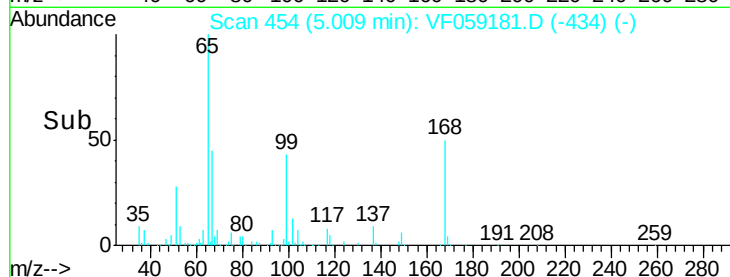
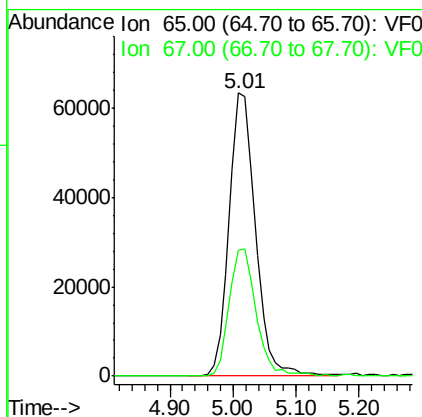
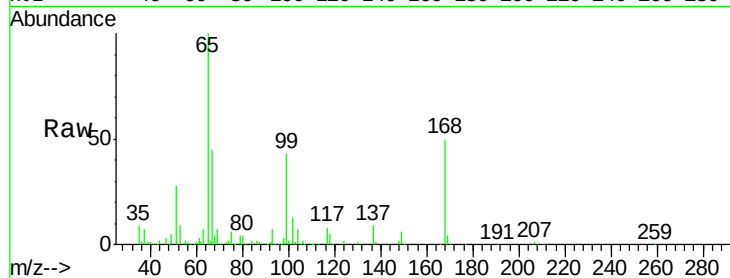
#33
 1,2-Dichloroethane-d4
 Concen: 56.045 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: VF059181.D
 Acq: 18 Jun 2018 17:48

Instrument :
 MSVOA_F
 ClientSampled :
 TP-5-S

Tot Ion	Ratio	Resp	Lower	Upper
65	100	183919		
67	44.7	0.0	97.0	

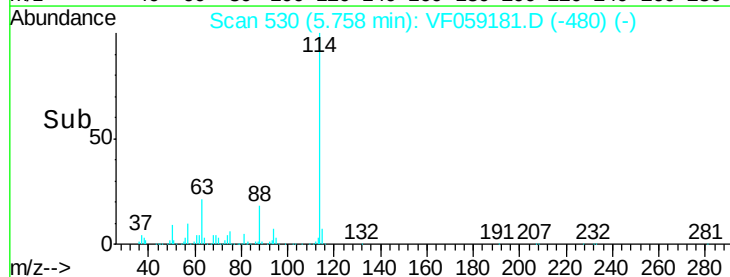
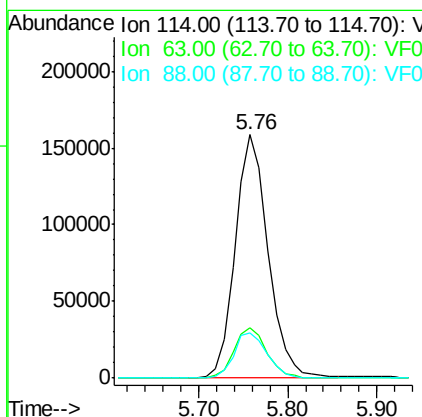
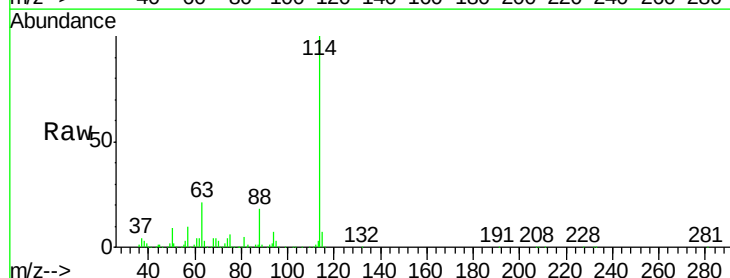
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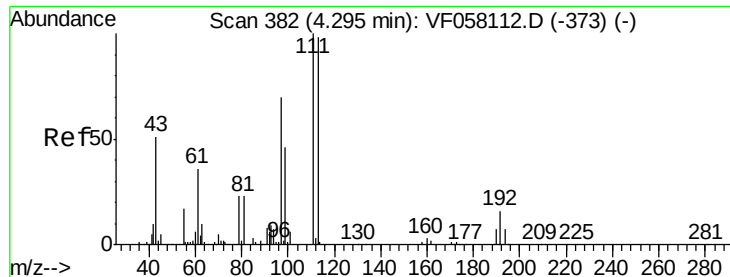
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059181.D
 Acq: 18 Jun 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	409080		
63	20.8	0.0	41.6	
88	18.4	0.0	38.8	





#35

Dibromofluoromethane

Concen: 56.325 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059181.D

Acq: 18 Jun 2018 17:48

Instrument :

MSVOA_F

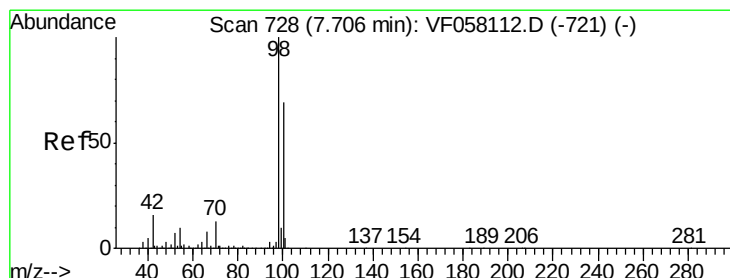
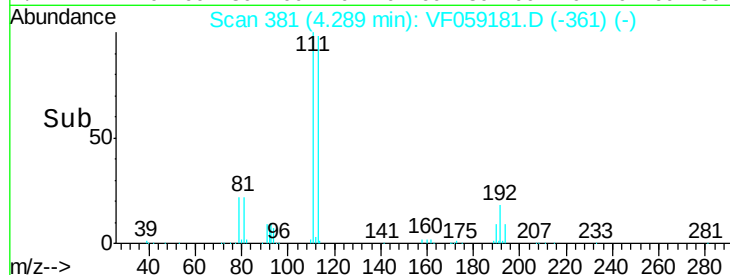
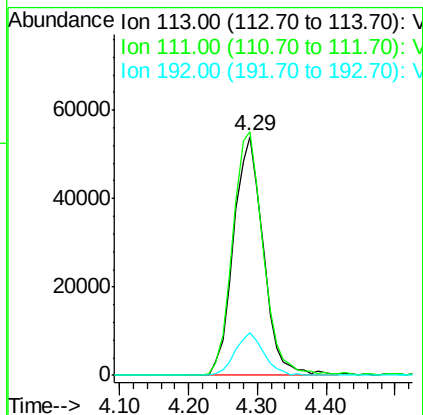
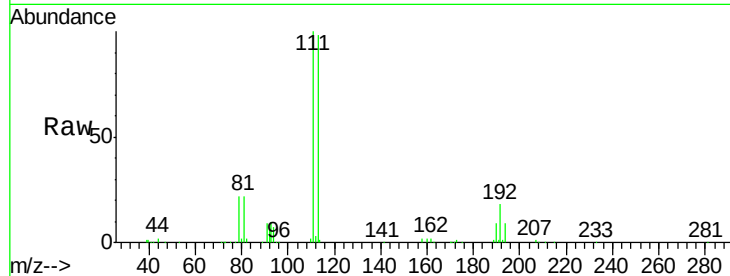
ClientSampled :

TP-5-S

Tot Ion:	113	Resp:	161676
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.3	121.9
192	17.9	12.7	19.1

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#50

Toluene-d8

Concen: 48.690 ug/l

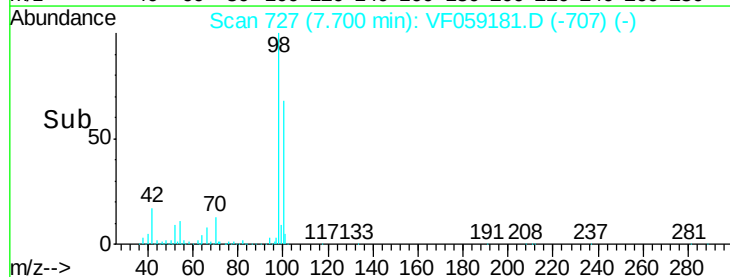
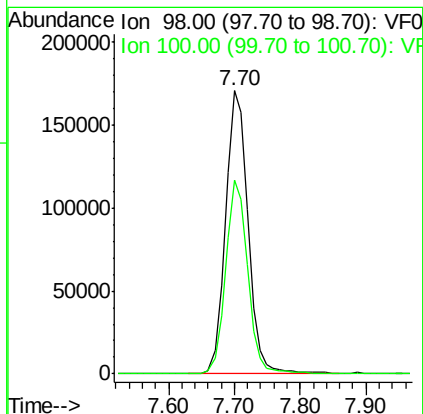
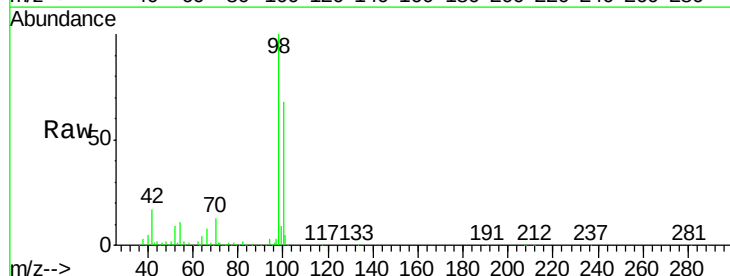
RT: 7.70 min Scan# 727

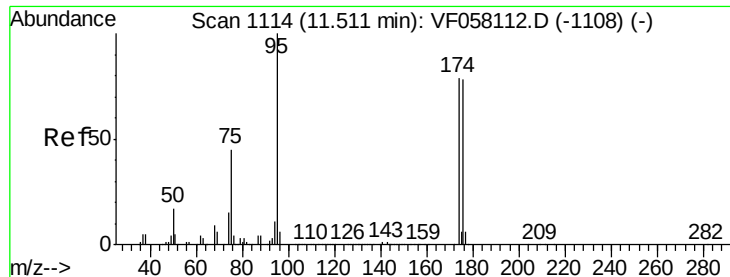
Delta R.T. -0.01 min

Lab File: VF059181.D

Acq: 18 Jun 2018 17:48

Tgt Ion:	98	Resp:	410588
Ion Ratio	Lower	Upper	
98	100		
100	68.4	55.6	83.4





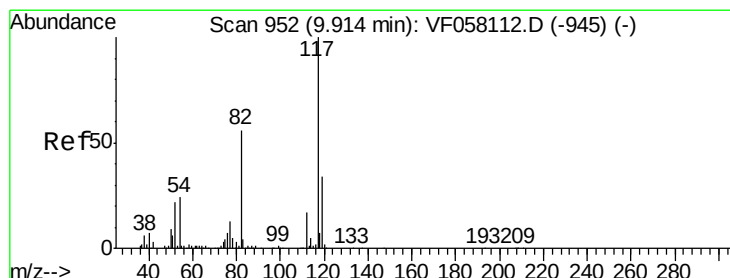
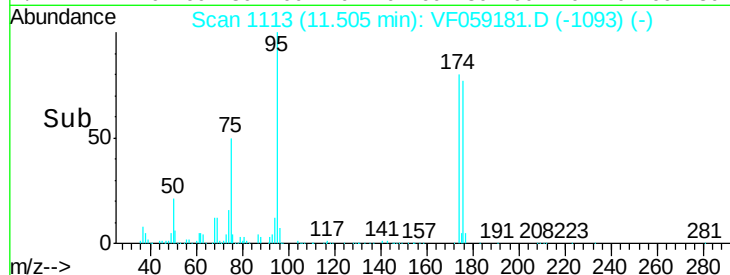
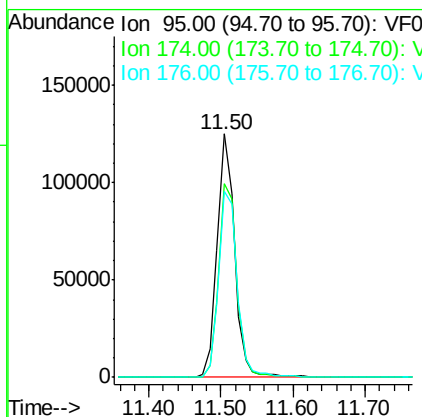
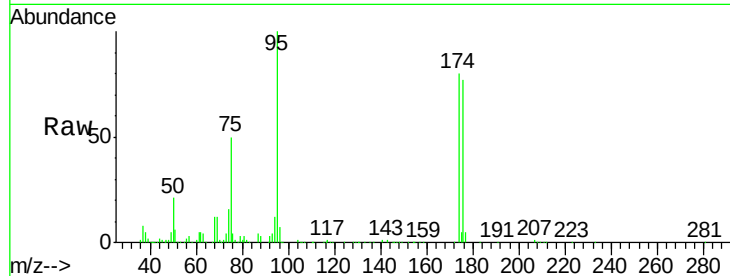
#62
4-Bromofluorobenzene
Concen: 48.256 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059181.D
Acq: 18 Jun 2018 17:48

Instrument :
MSVOA_F
ClientSampled :
TP-5-S

Tot Ion	Ratio	Resp	Lower	Upper
95	100	208714		
174	79.7	0.0	157.8	
176	76.7	0.0	155.8	

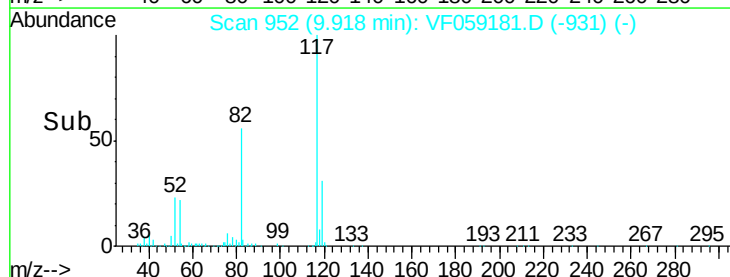
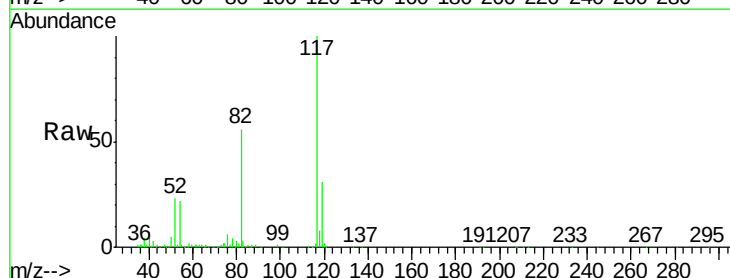
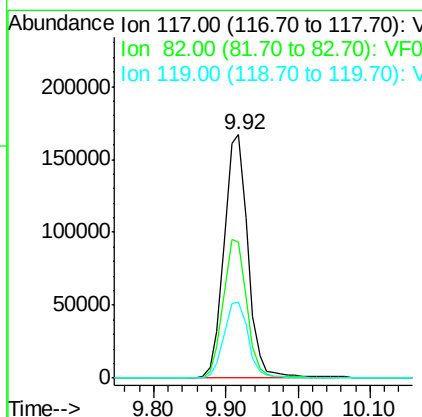
Manual Integrations
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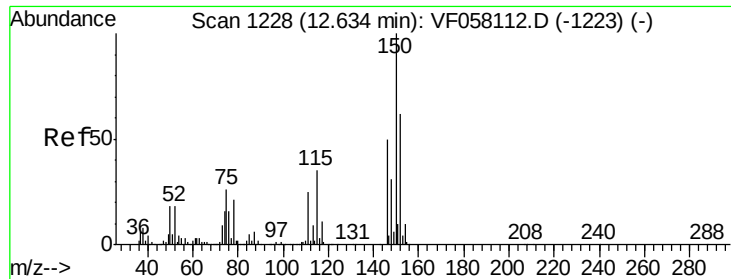
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059181.D
Acq: 18 Jun 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	384151		
82	56.1	45.2	67.8	
119	31.4	27.5	41.3	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059181.D

Acq: 18 Jun 2018 17:48

Instrument :

MSVOA_F

ClientSampleId :

TP-5-S

Tot Ion:	152	Resp:	224006
Ion Ratio		Lower	Upper
152	100		
115	59.5	28.5	85.5
150	153.6	0.0	323.8

Manual Integrations
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