

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
 Data File : VF059526.D
 Acq On : 18 Jul 2018 21:43
 Operator : VA/AP
 Sample : J4013-01
 Misc : 6.78g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-I-S

Manual Integrations
 APPROVED

apatel
 7/19/2018 10:18:29 AM

Quant Time: Jul 19 08:05:43 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	5.02	168	251755	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.74	114	386046	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.90	117	373727	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.62	152	224215	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	185455	47.37	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	94.74%	
35) Dibromofluoromethane	4.27	113	153576	45.93	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	91.86%	
50) Toluene-d8	7.69	98	331303	39.34	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	78.68%	
62) 4-Bromofluorobenzene	11.50	95	176767	40.01	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	80.02%	

Target Compounds Qvalue

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

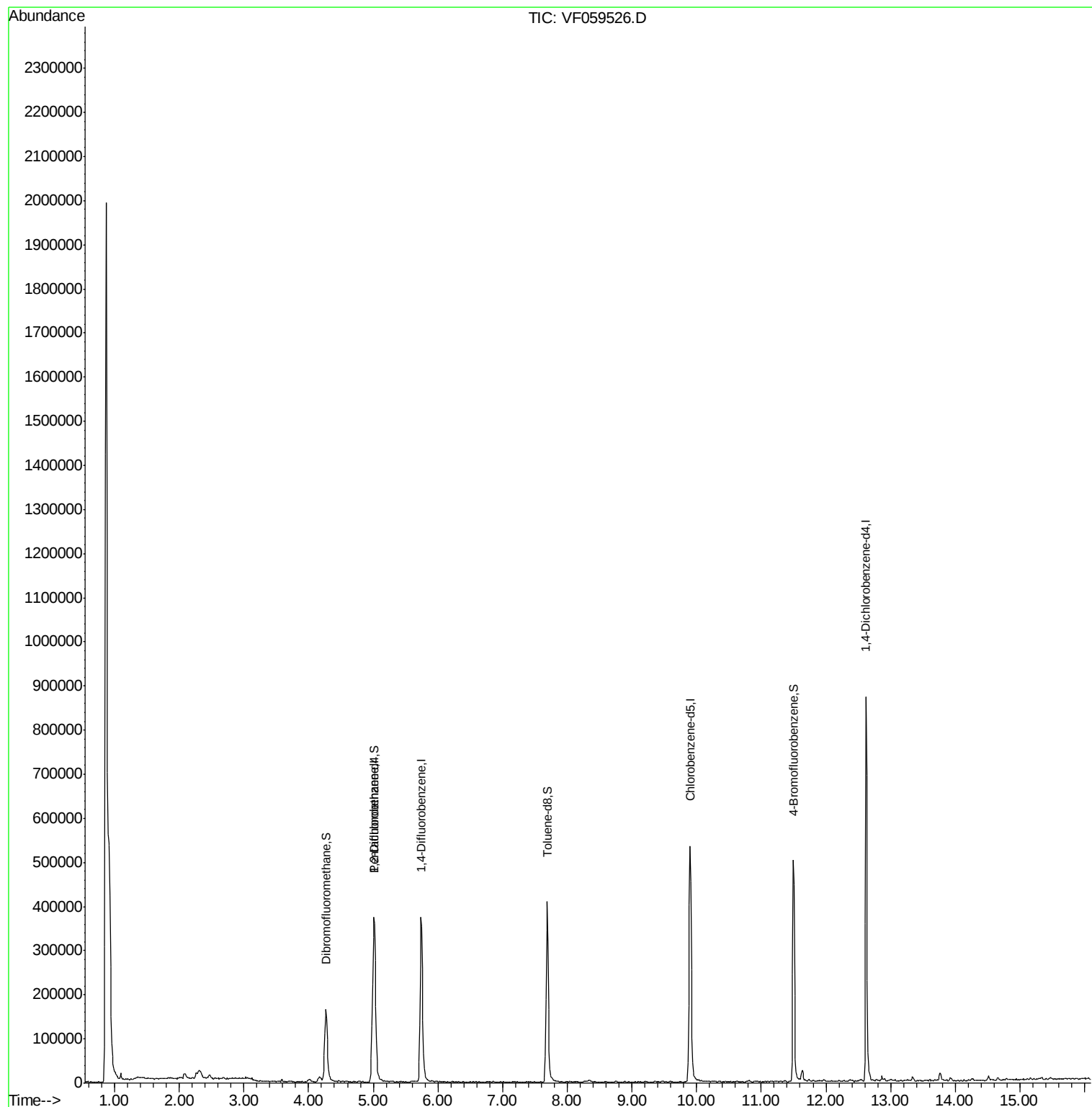
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071818\
Data File : VF059526.D
Acq On : 18 Jul 2018 21:43
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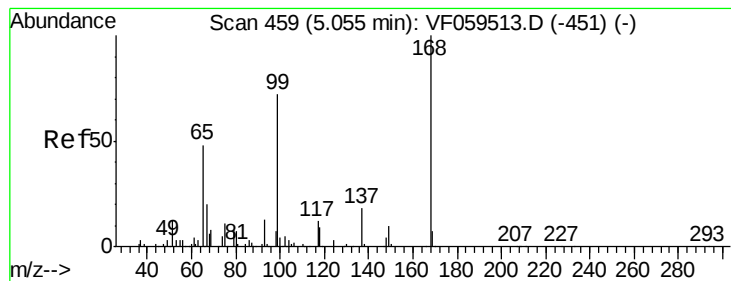
Instrument :
MSVOA_F
ClientSampleId :
TP-I-S

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Quant Time: Jul 19 08:05:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
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: 5.02 min Scan# 455

Delta R.T. -0.04 min

Lab File: VF059526.D

Acq: 18 Jul 2018 21:43

Instrument :

MSVOA_F

ClientSampleId :

TP-I-S

Tot Ion:168 Resp: 251755

Ion Ratio Lower Upper

168 100

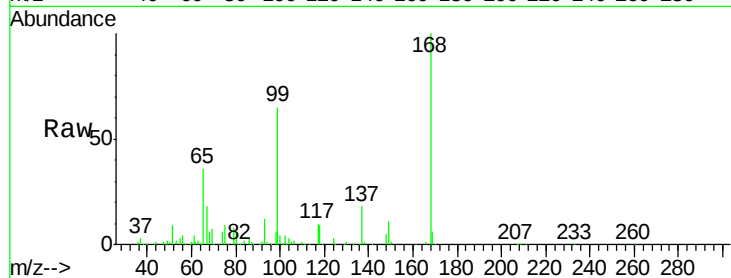
99 64.6 57.6 86.4

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

5.02

80000

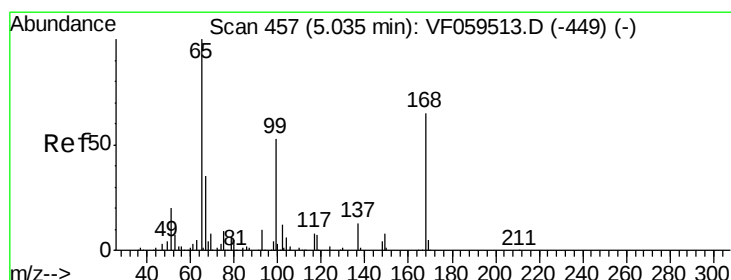
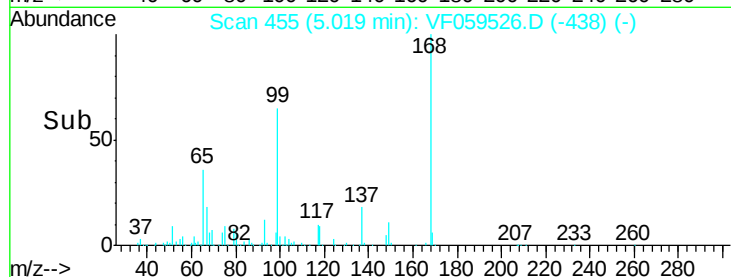
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.37 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.04 min

Lab File: VF059526.D

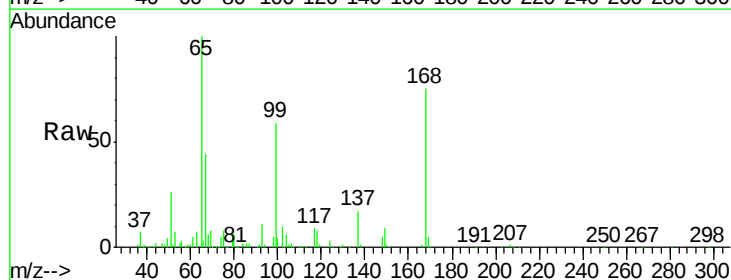
Acq: 18 Jul 2018 21:43

Tgt Ion: 65 Resp: 185455

Ion Ratio Lower Upper

65 100

67 44.4 0.0 91.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

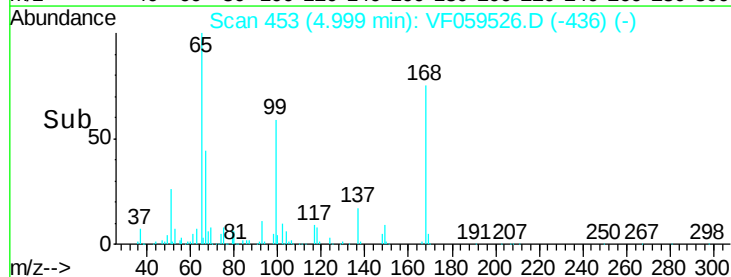
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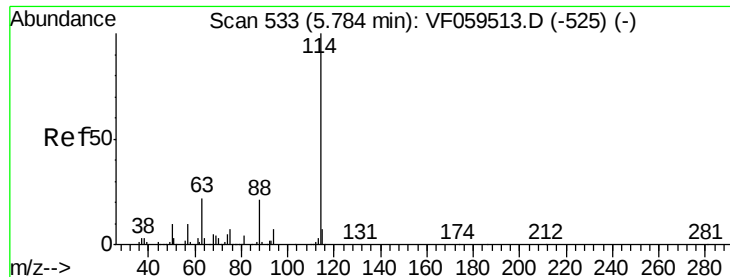
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Time-->





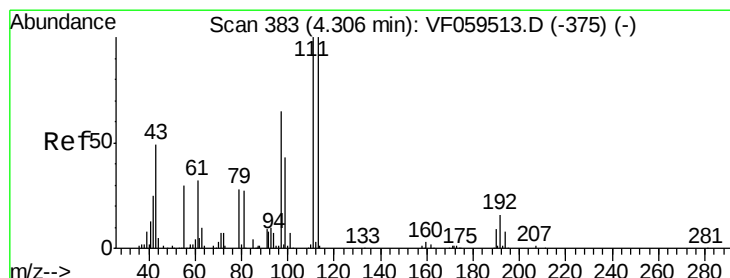
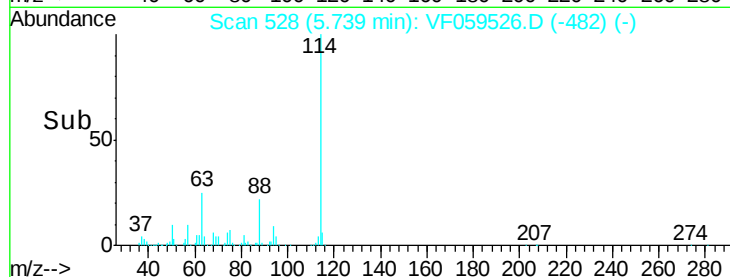
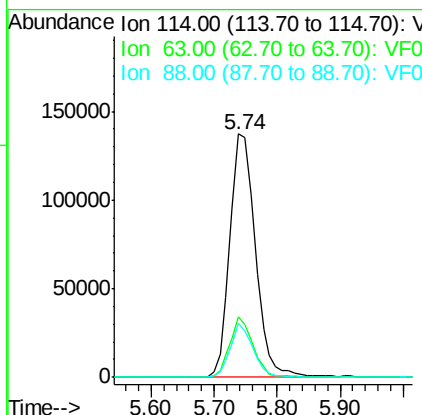
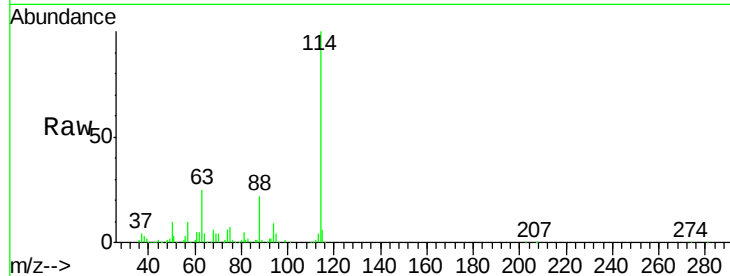
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.74 min Scan# 528
Delta R.T. -0.05 min
Lab File: VF059526.D
Acq: 18 Jul 2018 21:43

Instrument :
MSVOA_F
ClientSampled :
TP-I-S

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	25.1	0.0	44.8
88	22.1	0.0	42.6

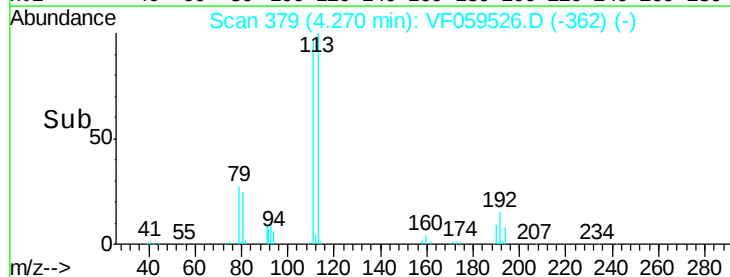
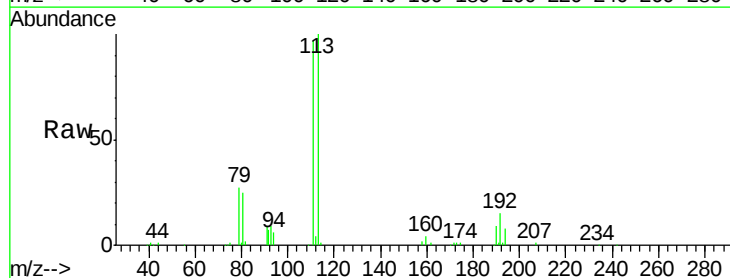
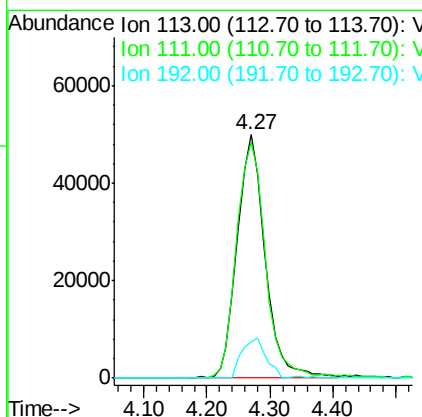
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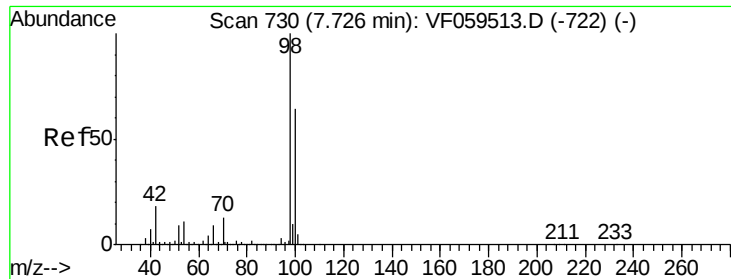
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#35
Dibromofluoromethane
Concen: 45.93 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.04 min
Lab File: VF059526.D
Acq: 18 Jul 2018 21:43

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	96.9	80.3	120.5
192	14.8	13.1	19.7





#50

Toluene-d8

Concen: 39.34 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.04 min

Lab File: VF059526.D

Acq: 18 Jul 2018 21:43

Instrument :

MSVOA_F

ClientSampled :

TP-I-S

Tot Ion: 98 Resp: 331303

Ion Ratio Lower Upper

98 100

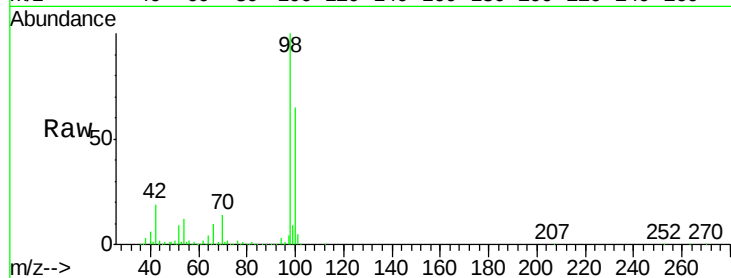
100 64.6 50.9 76.3

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

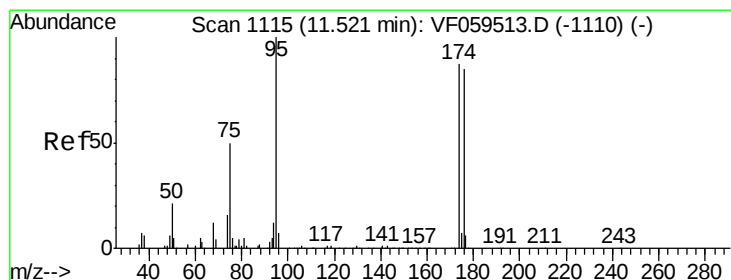
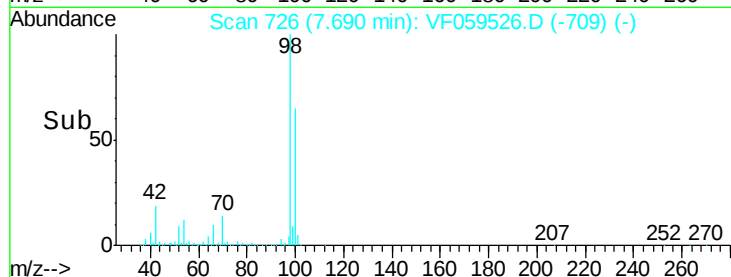
100000

50000

0

7.60 7.70 7.80

Time-->



#62

4-Bromofluorobenzene

Concen: 40.01 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.03 min

Lab File: VF059526.D

Acq: 18 Jul 2018 21:43

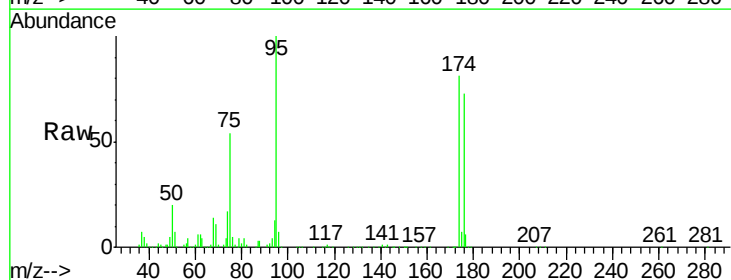
Tgt Ion: 95 Resp: 176767

Ion Ratio Lower Upper

95 100

174 80.6 0.0 174.4

176 73.1 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

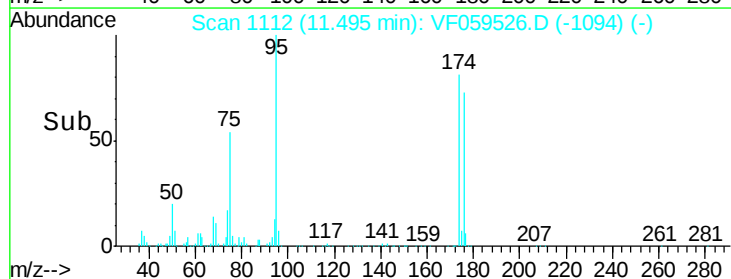
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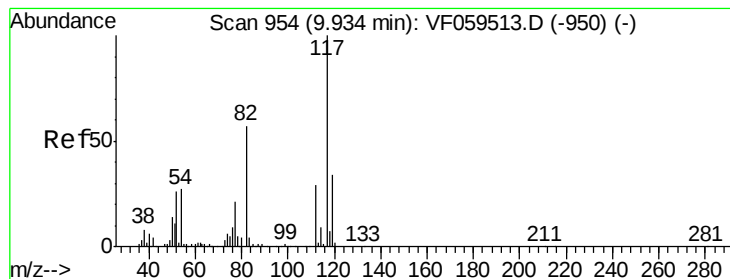
50000

0

11.40 11.50 11.60

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.04 min

Lab File: VF059526.D

Acq: 18 Jul 2018 21:43

Instrument :

MSVOA_F

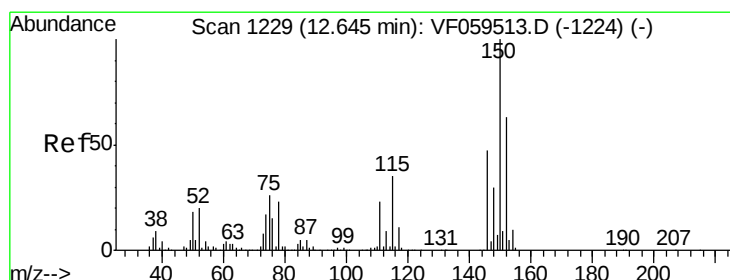
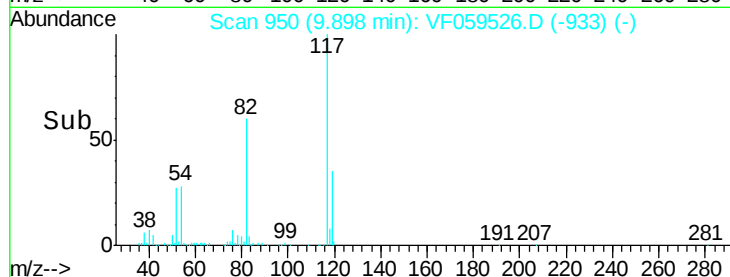
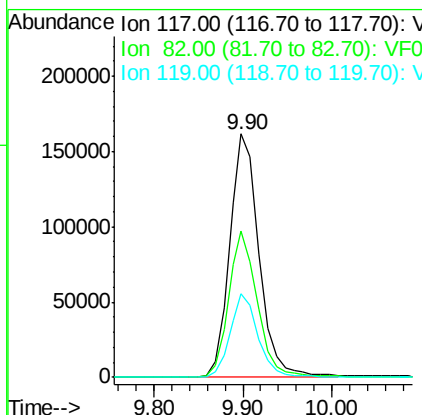
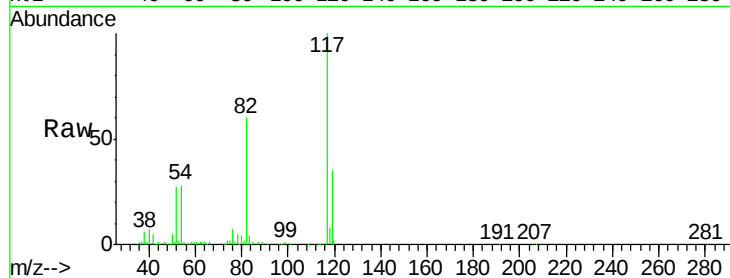
ClientSampled :

TP-I-S

Tot Ion:	117	Resp:	373727
Ion Ratio	Lower	Upper	
117	100		
82	59.9	46.1	69.1
119	34.5	27.2	40.8

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.03 min

Lab File: VF059526.D

Acq: 18 Jul 2018 21:43

Tgt Ion:	152	Resp:	224215
Ion Ratio	Lower	Upper	
152	100		
115	61.2	27.8	83.3
150	149.5	0.0	318.4

