

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062218\
 Data File : VF059285.D
 Acq On : 22 Jun 2018 20:33
 Operator : VA/AP
 Sample : J3638-04
 Misc : 5.24g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 V-1

Manual Integrations
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Quant Time: Jun 23 04:54:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	210444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	322133	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	286730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	126786	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	153280	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
35) Dibromofluoromethane	4.29	113	151742	55.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.98%	
50) Toluene-d8	7.70	98	302272	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	
62) 4-Bromofluorobenzene	11.50	95	137835	36.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.27	84	7796m	3.60	ug/l	

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

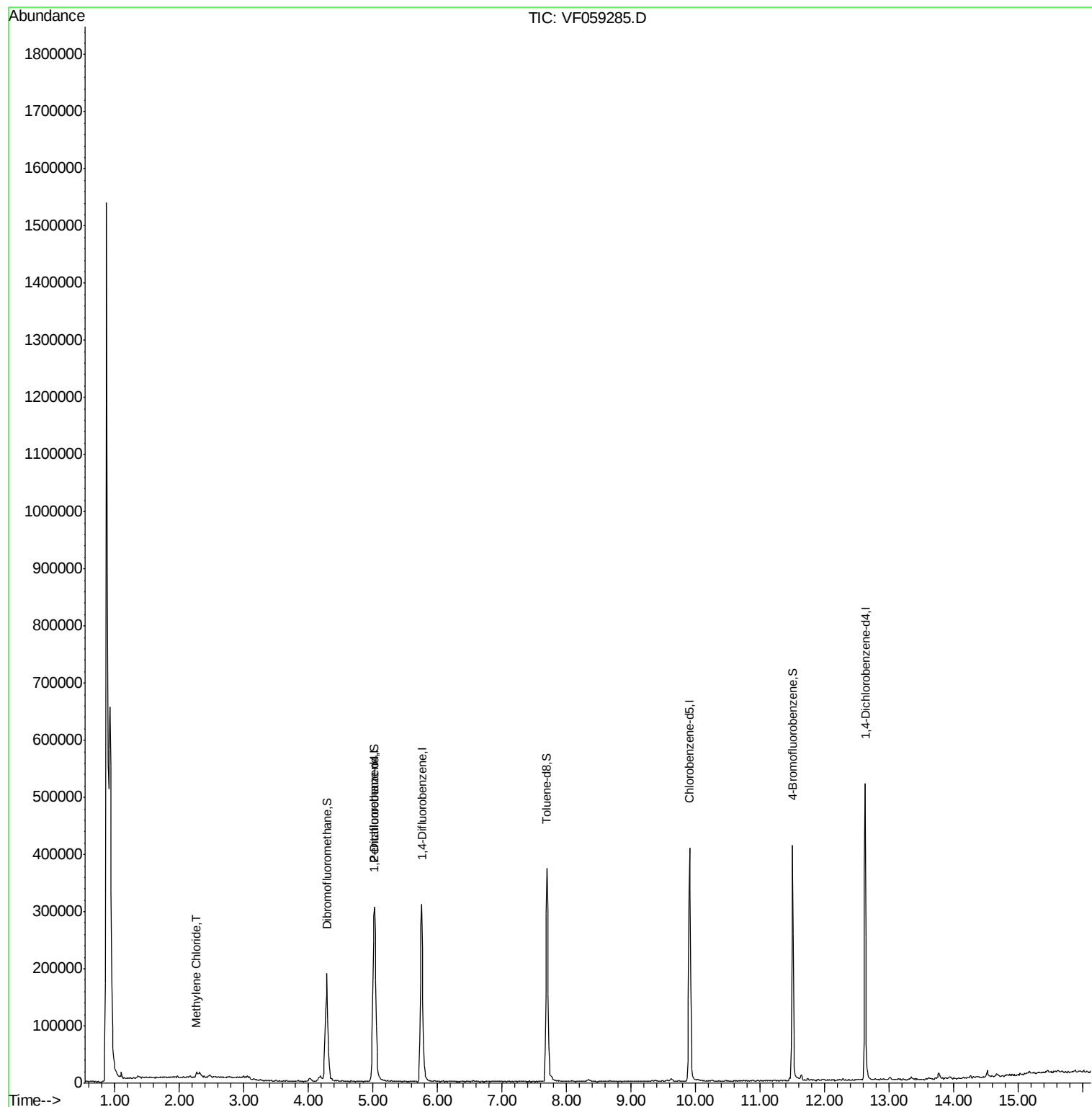
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062218\
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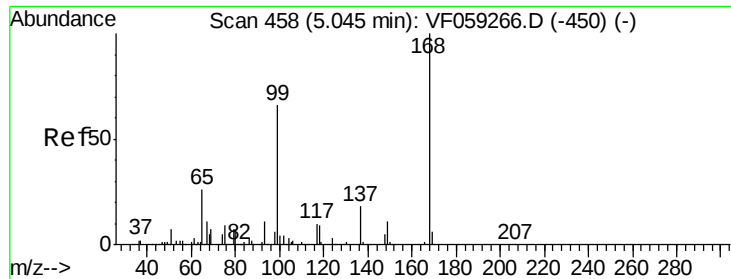
Instrument :
MSVOA_F
ClientSampleId :
V-1

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Quant Time: Jun 23 04:54:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059285.D

Acq: 22 Jun 2018 20:33

Instrument :

MSVOA_F

ClientSampleId :

V-1

Tot Ion:168 Resp: 210444

Ion Ratio Lower Upper

168 100

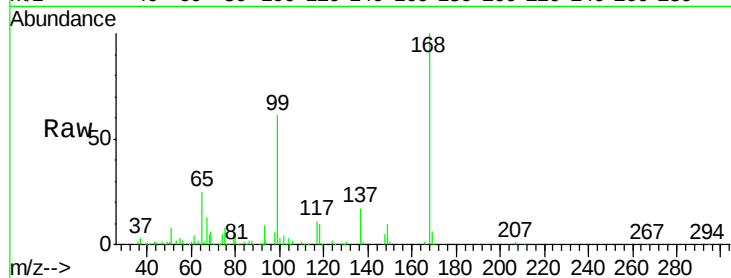
99 61.3 52.6 78.8

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

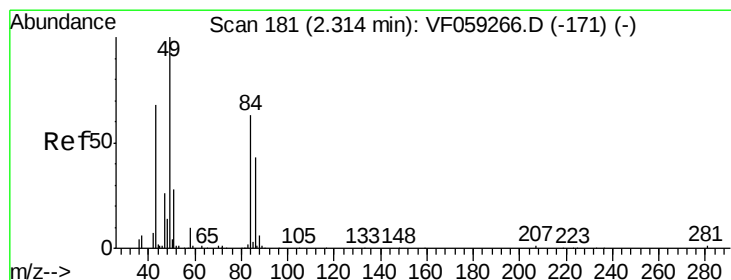
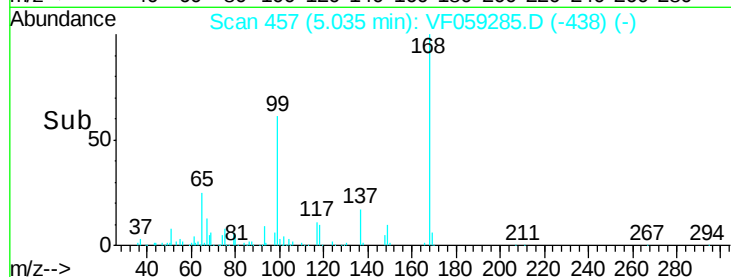
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 3.60 ug/l m

RT: 2.27 min Scan# 176

Delta R.T. -0.05 min

Lab File: VF059285.D

Acq: 22 Jun 2018 20:33

Tgt Ion: 84 Resp: 7796

Ion Ratio Lower Upper

84 100

49 133.7 130.0 195.0

51 40.4 36.6 55.0

86 61.9 55.1 82.7

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

4000

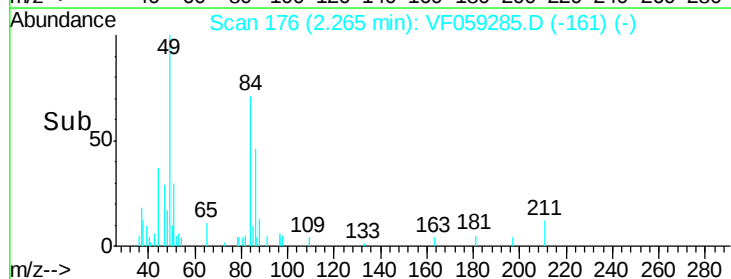
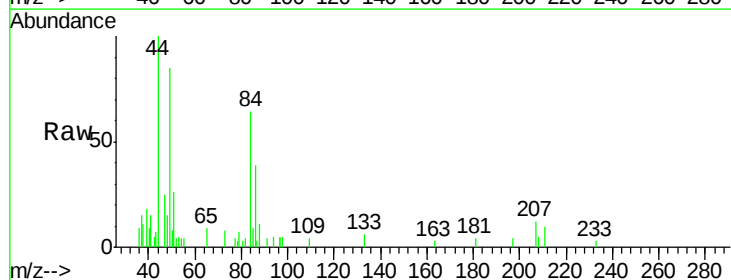
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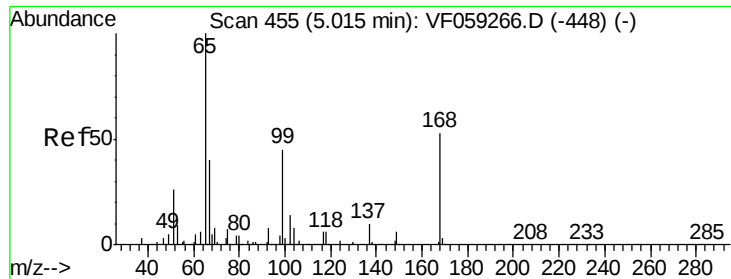
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.74 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059285.D

Acq: 22 Jun 2018 20:33

Instrument :

MSVOA_F

ClientSampled :

V-1

Tot Ion: 65 Resp: 153280

Ion Ratio Lower Upper

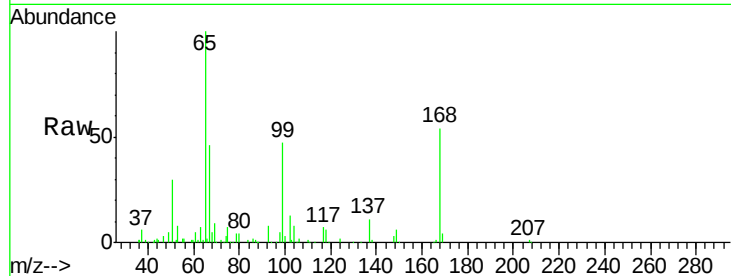
65 100

67 46.4 0.0 95.8

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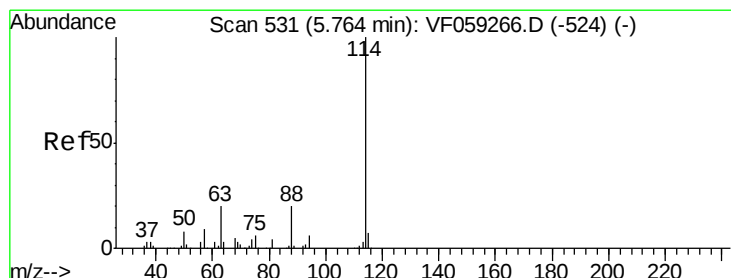
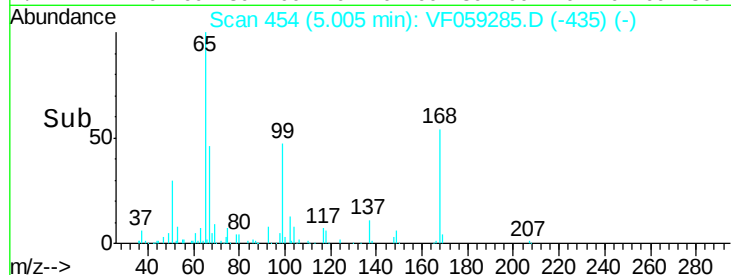
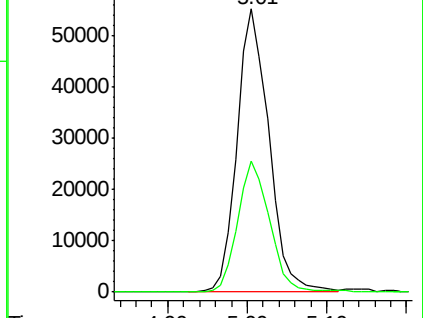
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059285.D

Acq: 22 Jun 2018 20:33

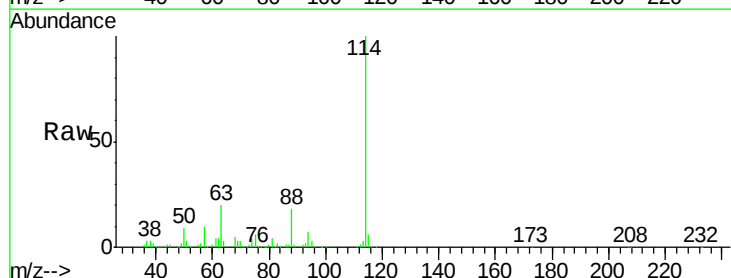
Tgt Ion: 114 Resp: 322133

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.0

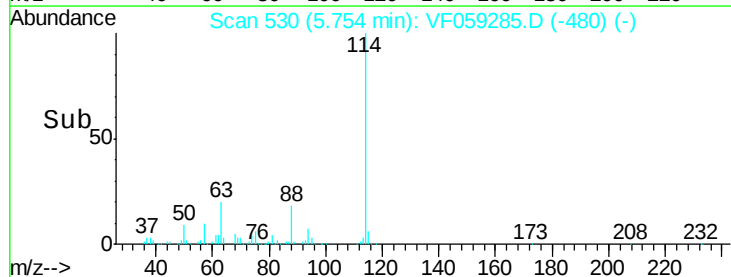
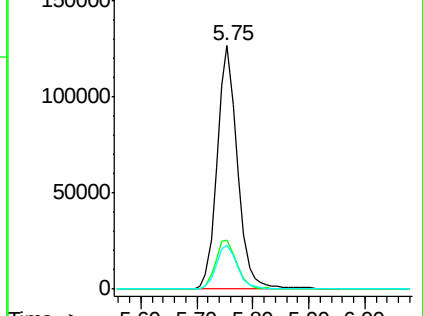
88 18.3 0.0 39.6

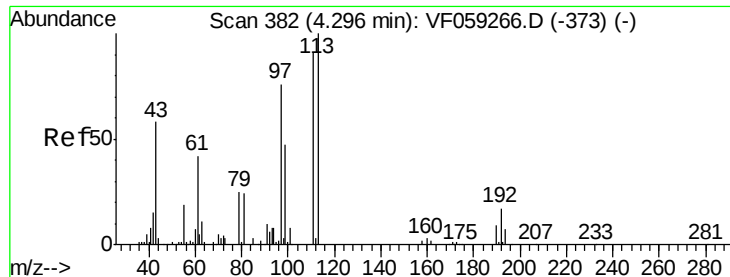


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 55.99 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059285.D

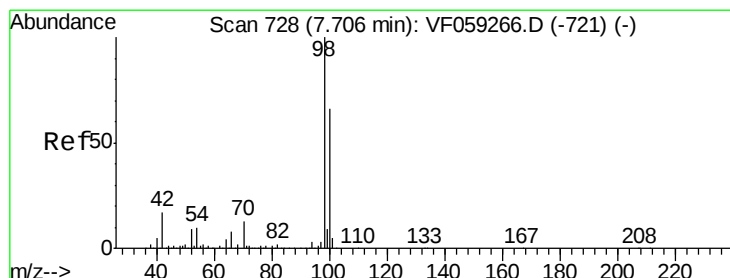
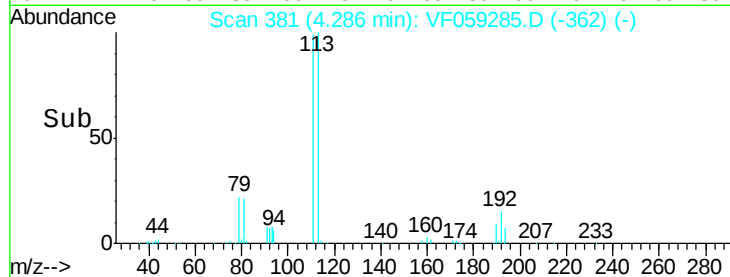
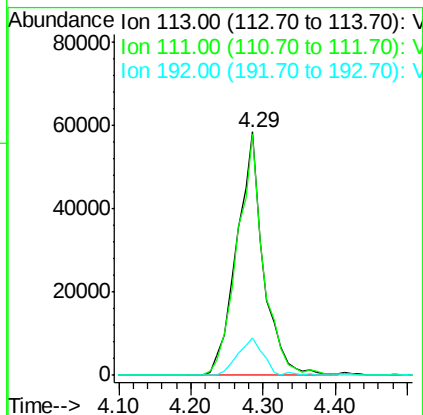
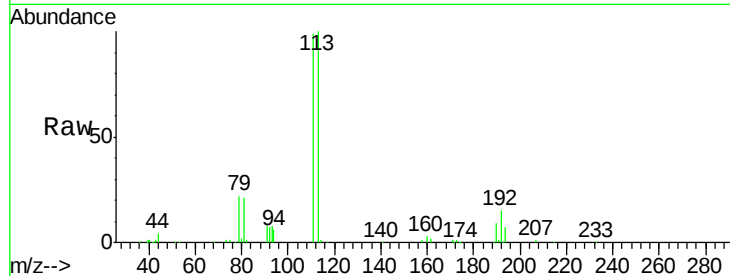
Acq: 22 Jun 2018 20:33

Instrument :
MSVOA_F
ClientSampled :
V-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.2	73.1	109.7
192	15.4	13.9	20.9

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#50

Toluene-d8

Concen: 43.85 ug/l

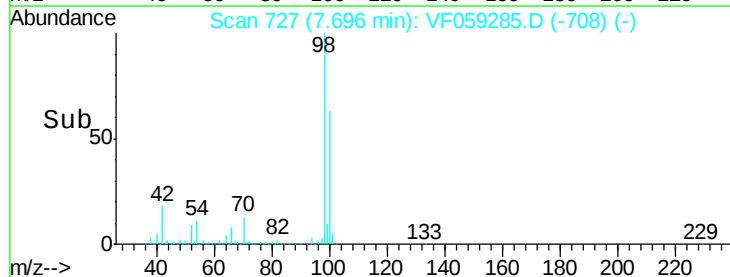
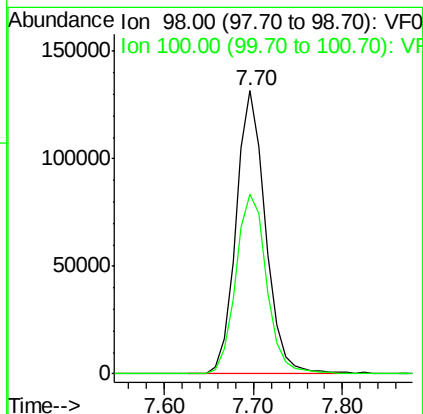
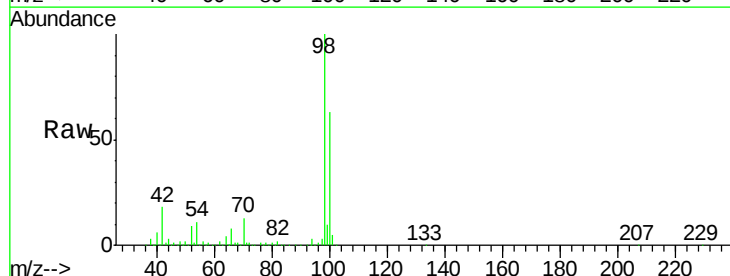
RT: 7.70 min Scan# 727

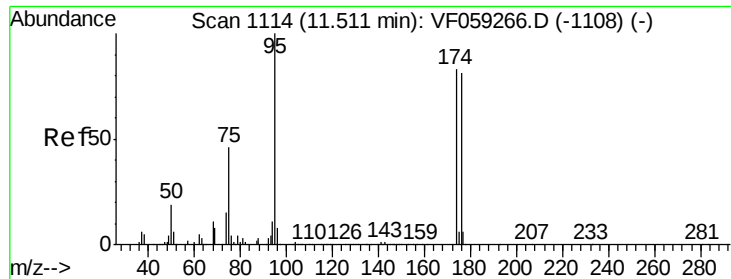
Delta R.T. -0.01 min

Lab File: VF059285.D

Acq: 22 Jun 2018 20:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.8	79.2





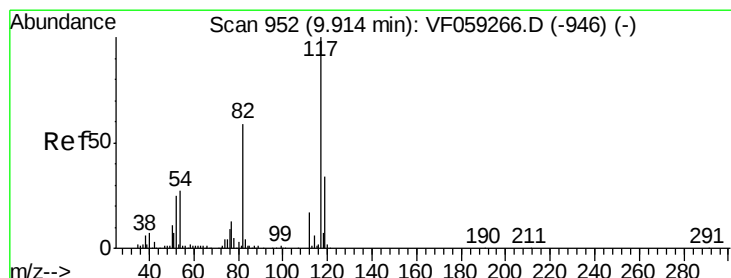
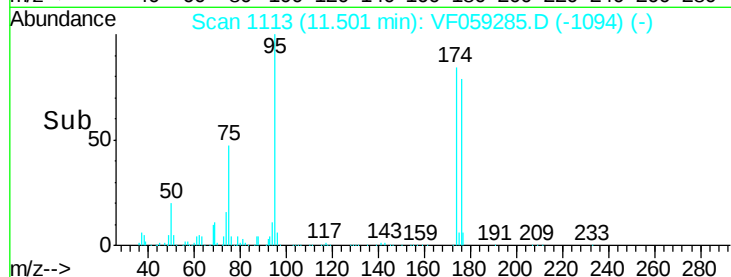
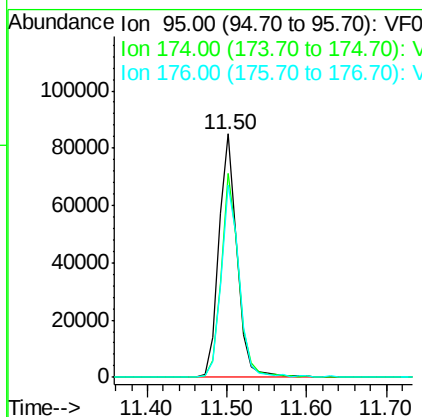
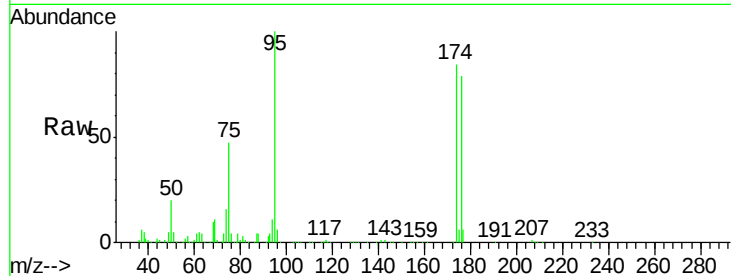
#62
4-Bromofluorobenzene
Concen: 36.06 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059285.D
Acq: 22 Jun 2018 20:33

Instrument :
MSVOA_F
ClientSampled :
V-1

Tot Ion	Ratio	Resp	Lower	Upper
95	100	137835		
174	83.7	0.0	166.2	
176	79.1	0.0	162.8	

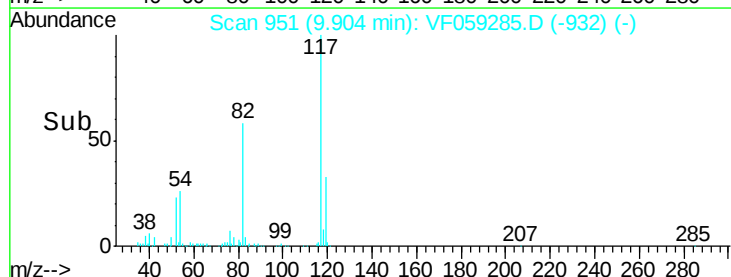
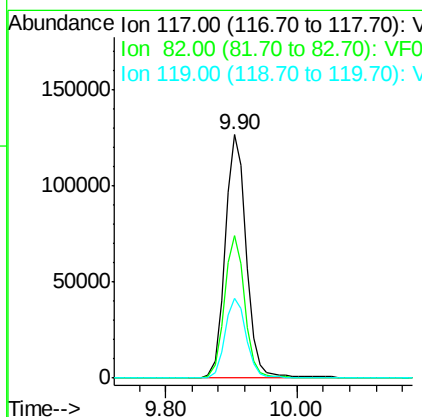
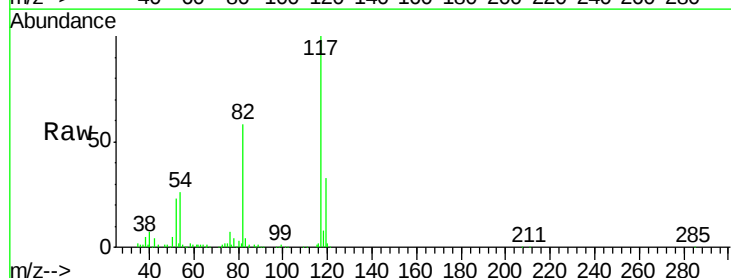
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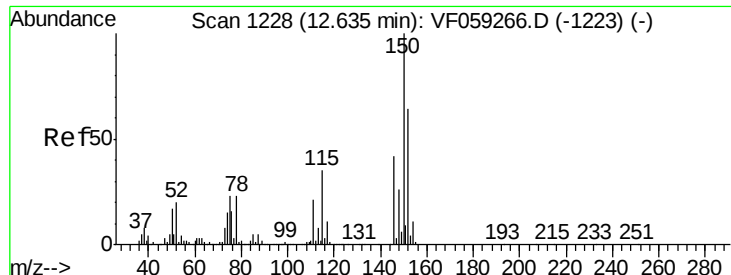
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059285.D
Acq: 22 Jun 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	286730		
82	58.3	47.1	70.7	
119	32.8	26.9	40.3	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059285.D

Acq: 22 Jun 2018 20:33

Instrument :

MSVOA_F

ClientSampleId :

V-1

Tot Ion:152 Resp: 126786

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.3

150 154.8 0.0 313.8

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