

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062218\
 Data File : VF059290.D
 Acq On : 22 Jun 2018 22:51
 Operator : VA/AP
 Sample : J3604-01
 Misc : 6.11g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-7(9-9.5)

Manual Integrations
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Quant Time: Jun 23 05:02:21 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	190919	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	289727	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	295113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	192264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	150284	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
35) Dibromofluoromethane	4.28	113	132672	54.43	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	108.86%	
50) Toluene-d8	7.70	98	306000	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.51	95	183894	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	

Target Compounds						Qvalue
20) Methylene Chloride	2.27	84	13518m	8.73	ug/l	

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

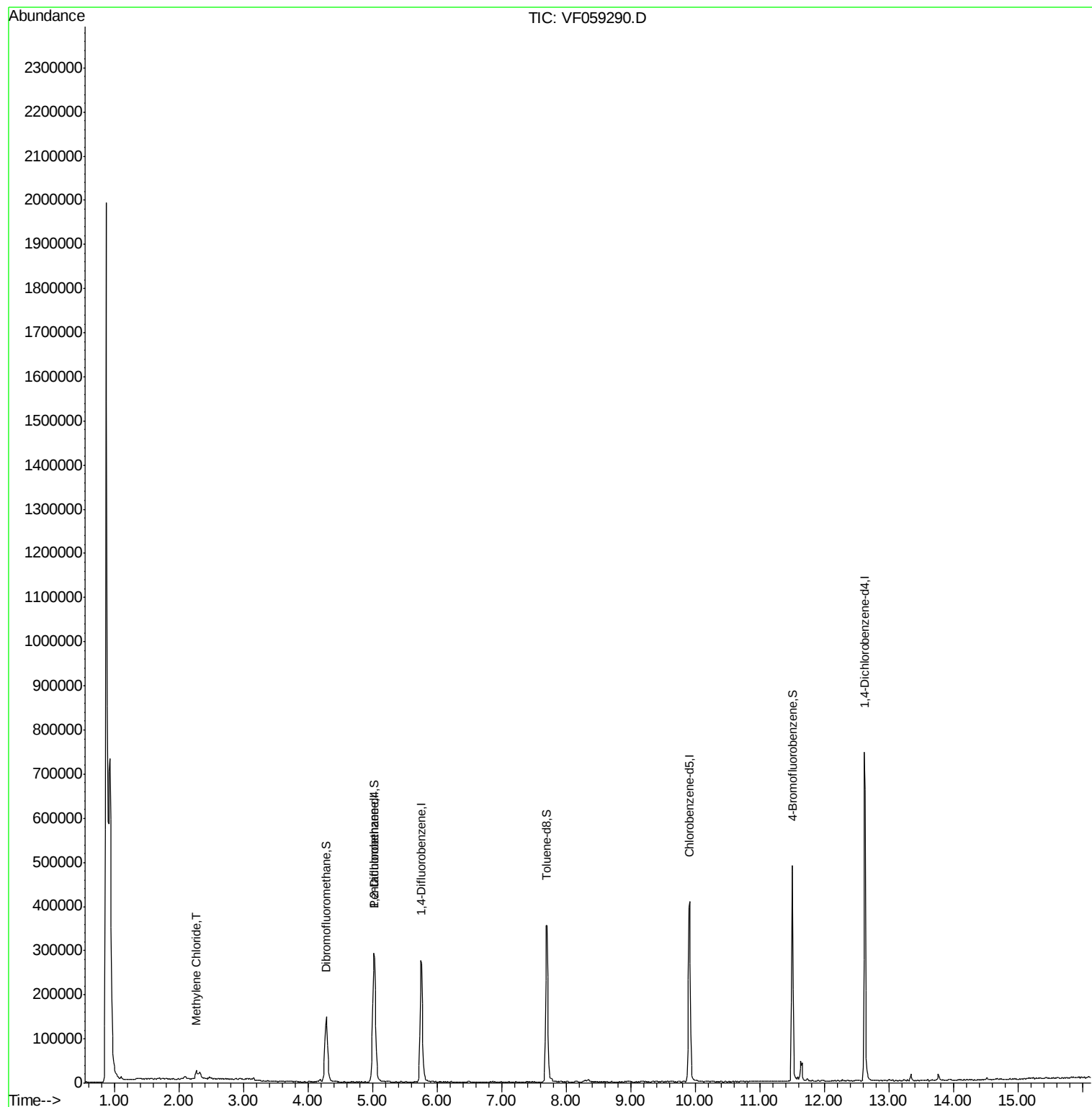
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062218\
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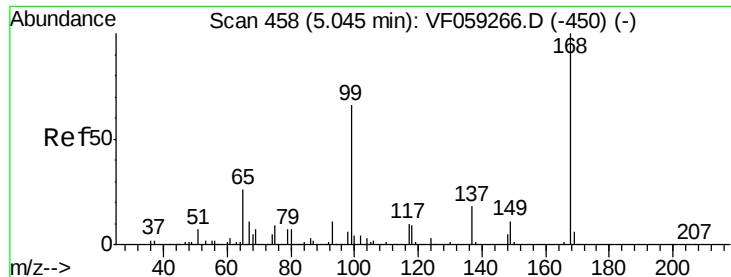
Instrument :
MSVOA_F
ClientSampleId :
S-7(9-9.5)

Quant Time: Jun 23 05:02:21 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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF059290.D

Acq: 22 Jun 2018 22:51

Instrument :

MSVOA_F

ClientSampleId :

S-7(9-9.5)

Tot Ion: 168 Resp: 190919

Ion Ratio Lower Upper

168 100

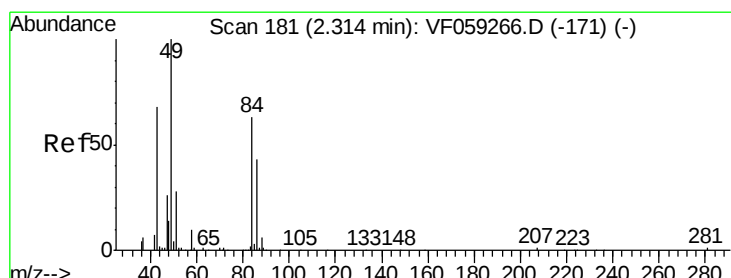
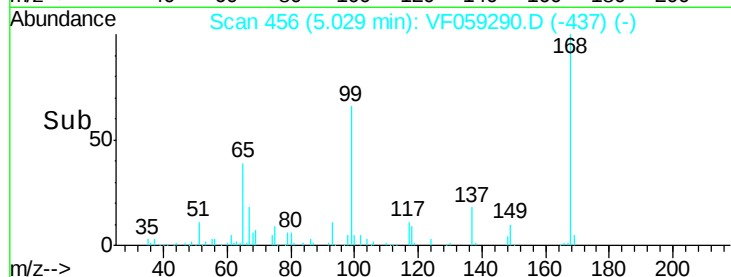
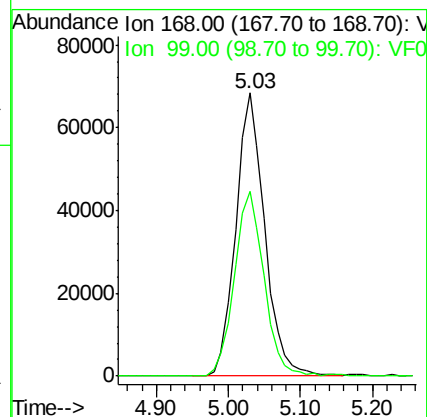
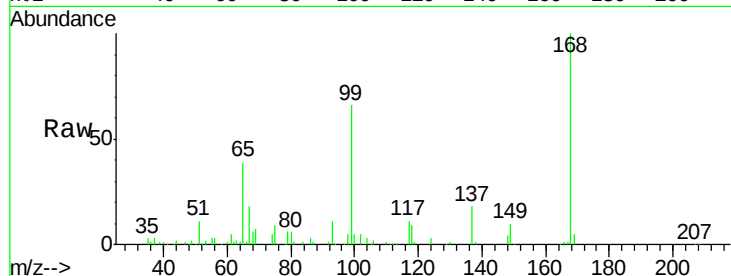
99 65.5 52.6 78.8

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#20

Methylene Chloride

Concen: 8.73 ug/l m

RT: 2.27 min Scan# 176

Delta R.T. -0.04 min

Lab File: VF059290.D

Acq: 22 Jun 2018 22:51

Tgt Ion: 84 Resp: 13518

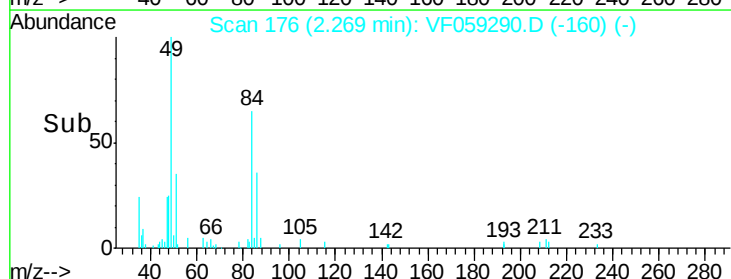
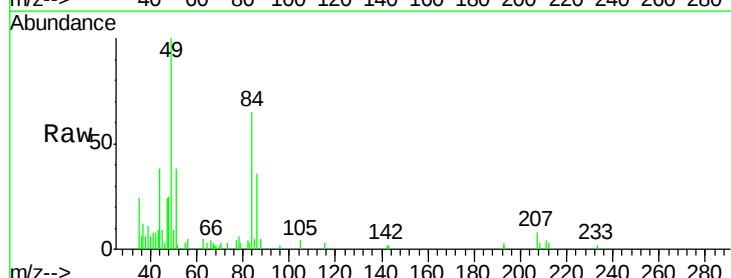
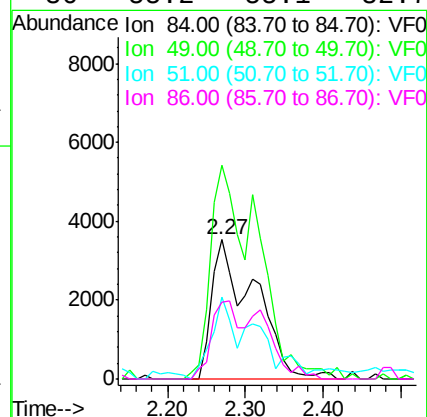
Ion Ratio Lower Upper

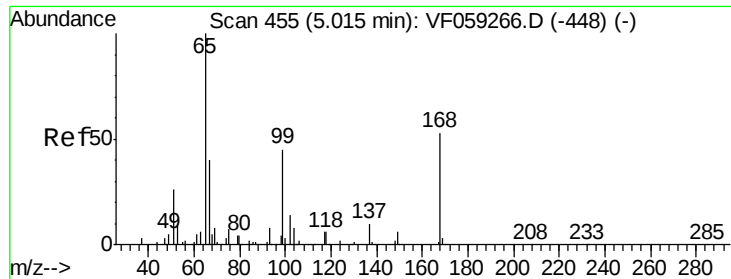
84 100

49 153.4 130.0 195.0

51 58.9 36.6 55.0#

86 55.2 55.1 82.7





#33

1,2-Dichloroethane-d4

Concen: 54.84 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059290.D

Acq: 22 Jun 2018 22:51

Instrument :

MSVOA_F

ClientSampleId :

S-7(9-9.5)

Tot Ion: 65 Resp: 150284

Ion Ratio Lower Upper

65 100

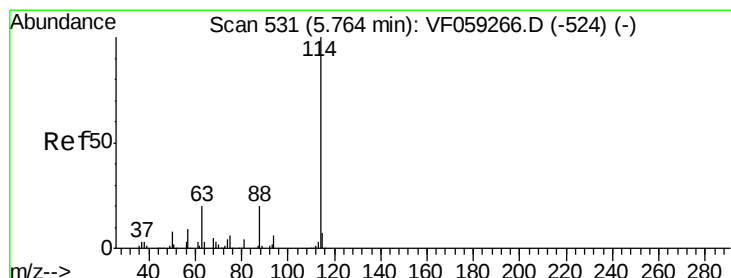
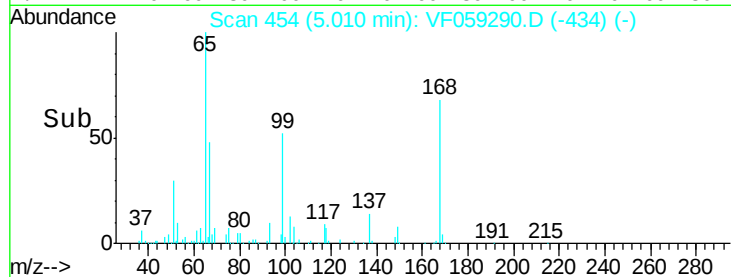
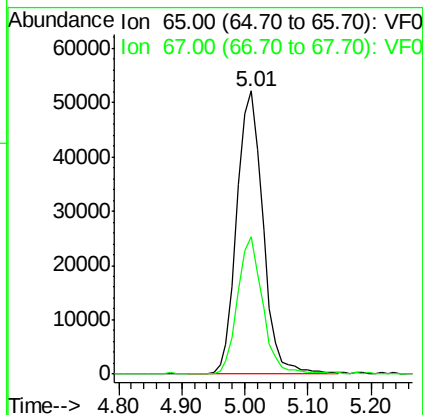
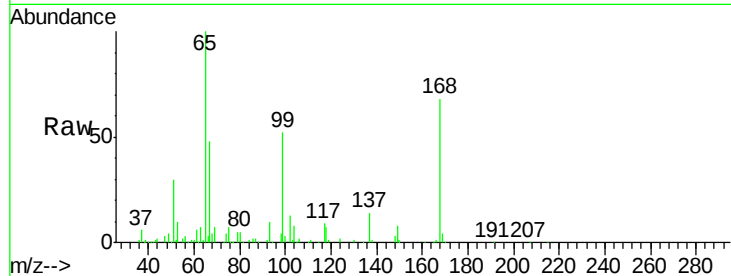
67 48.4 0.0 95.8

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.02 min

Lab File: VF059290.D

Acq: 22 Jun 2018 22:51

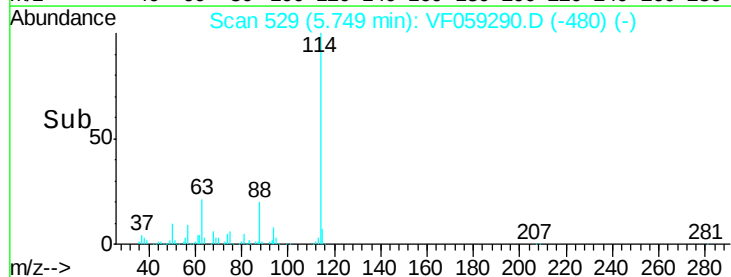
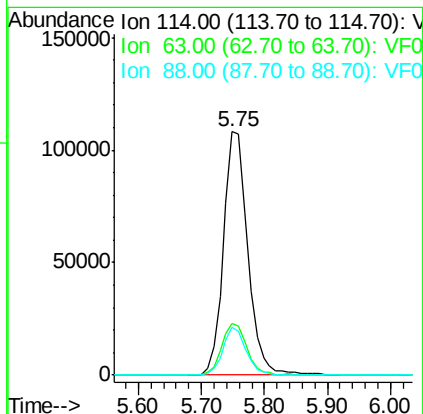
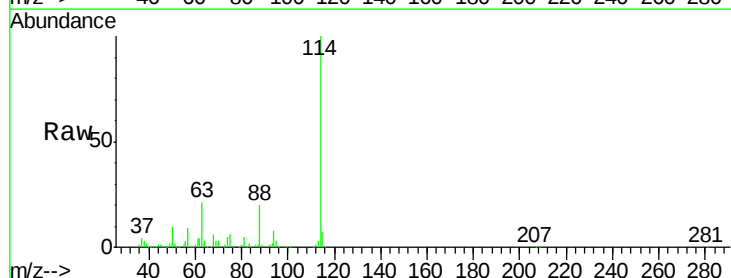
Tgt Ion: 114 Resp: 289727

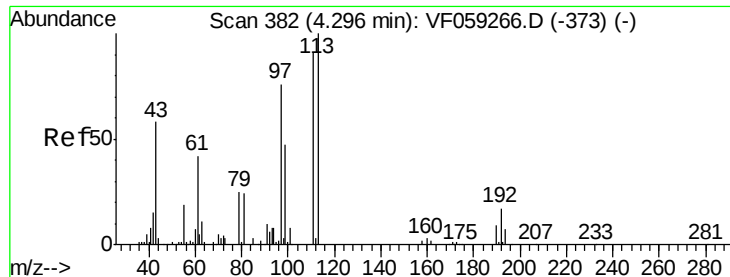
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.0

88 19.6 0.0 39.6





#35

Dibromofluoromethane

Concen: 54.43 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF059290.D

Acq: 22 Jun 2018 22:51

Instrument :

MSVOA_F

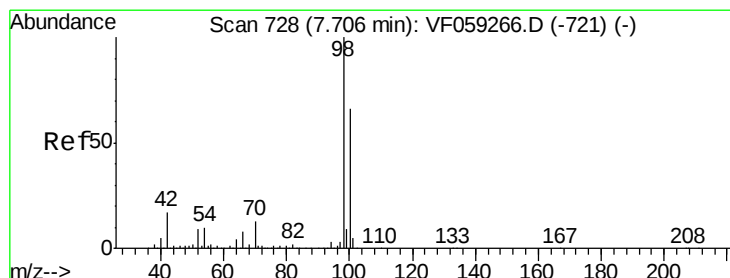
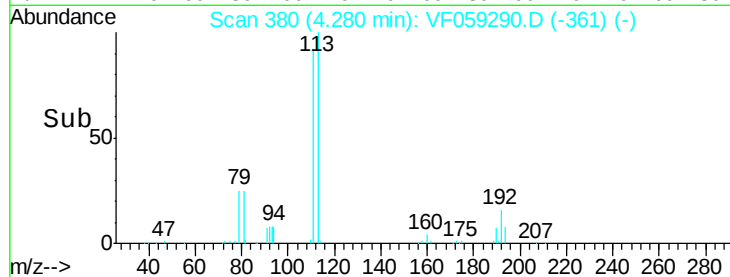
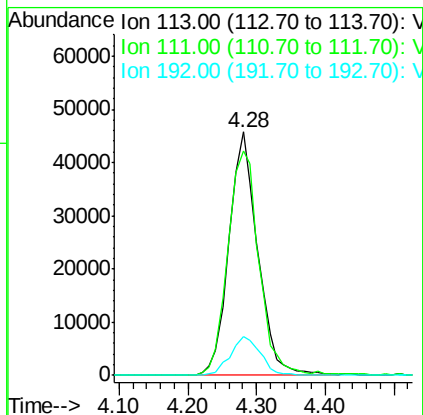
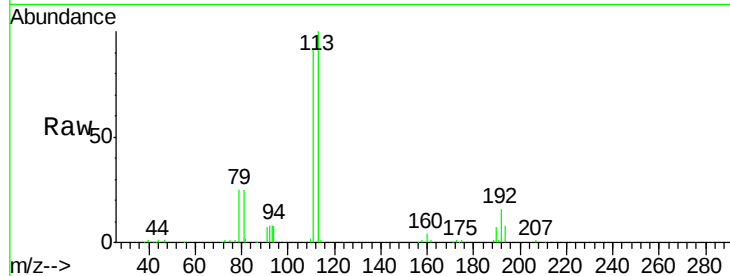
ClientSampleId :

S-7(9-9.5)

Tot Ion:	113	Resp:	132672
Ion Ratio	Lower	Upper	
113	100		
111	92.3	73.1	109.7
192	16.1	13.9	20.9

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#50

Toluene-d8

Concen: 49.35 ug/l

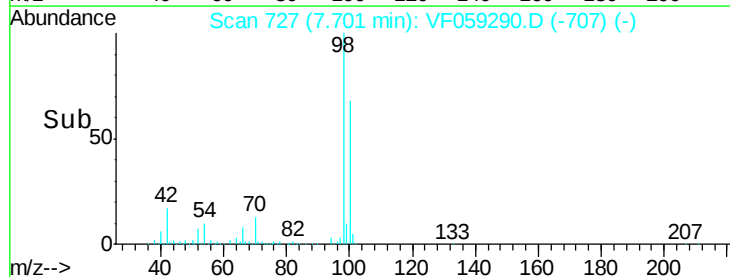
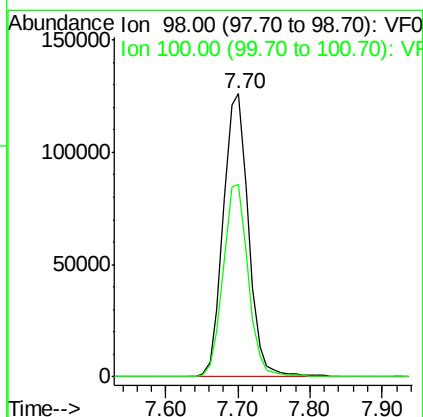
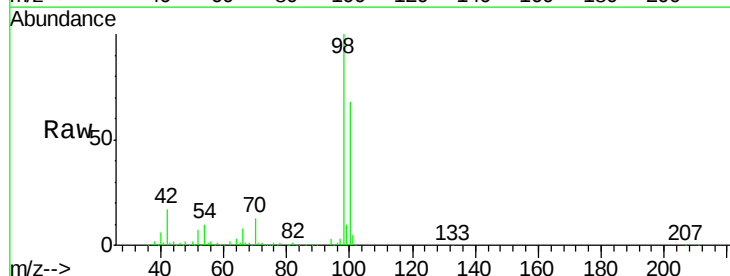
RT: 7.70 min Scan# 727

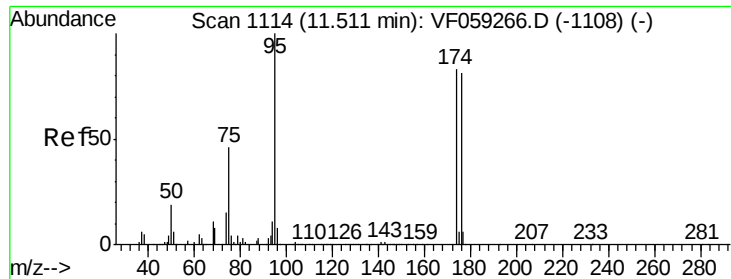
Delta R.T. -0.01 min

Lab File: VF059290.D

Acq: 22 Jun 2018 22:51

Tgt Ion:	98	Resp:	306000
Ion Ratio	Lower	Upper	
98	100		
100	68.1	52.8	79.2





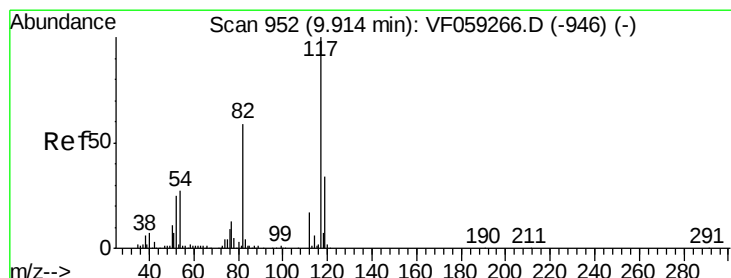
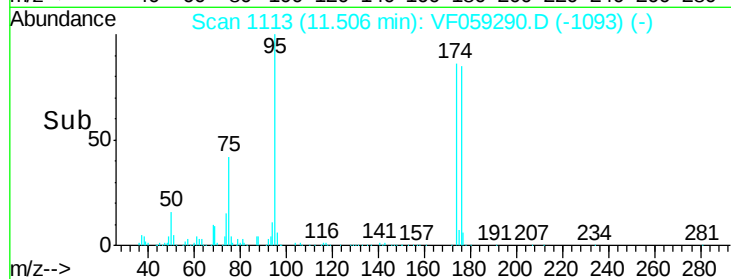
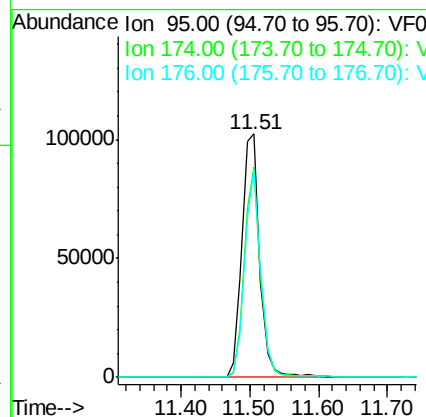
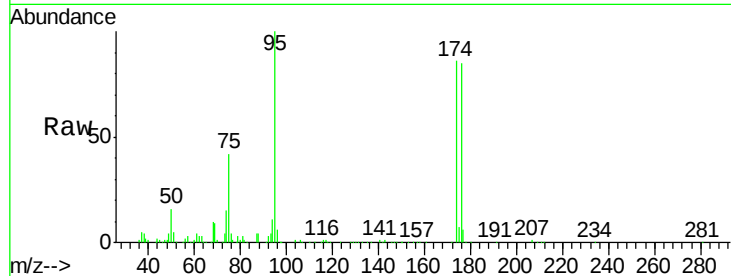
#62
4-Bromofluorobenzene
Concen: 53.48 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059290.D
Acq: 22 Jun 2018 22:51

Instrument :
MSVOA_F
ClientSampleId :
S-7(9-9.5)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	183894		
174	86.4	0.0	166.2	
176	85.1	0.0	162.8	

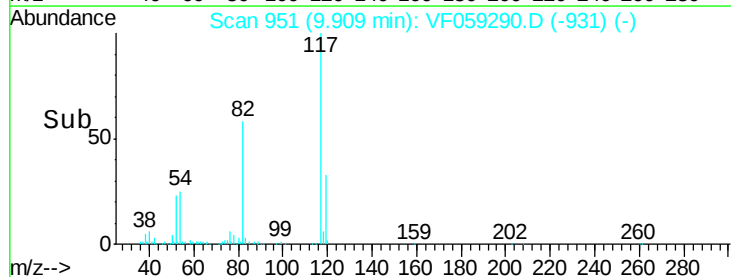
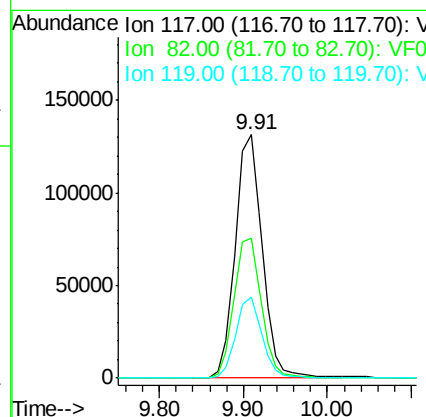
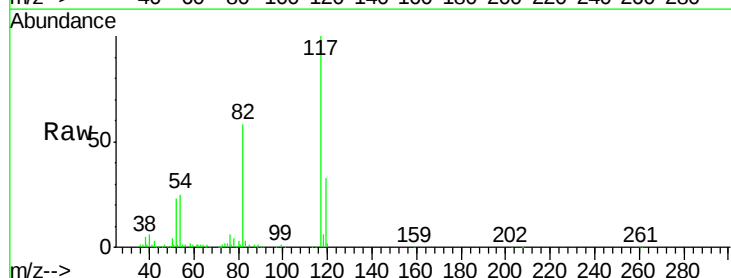
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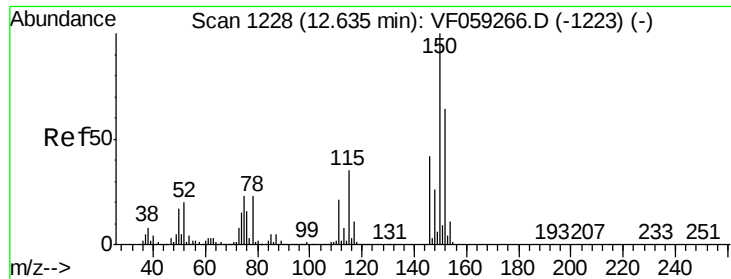
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059290.D
Acq: 22 Jun 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	295113		
82	57.5	47.1	70.7	
119	33.1	26.9	40.3	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059290.D

Acq: 22 Jun 2018 22:51

Instrument :

MSVOA_F

ClientSampleId :

S-7(9-9.5)

Tot Ion	Ratio	Resp	Lower	Upper
152	100	192264		
115	53.4	27.8	83.3	
150	148.2	0.0	313.8	

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