

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059204.D
 Acq On : 19 Jun 2018 22:25
 Operator : VA/AP
 Sample : J3538-01
 Misc : 5.40g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SS-T-4-STONE

Manual Integrations
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 6/20/2018 11:16:14 AM

Quant Time: Jun 20 11:27:56 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	5.03	168	244104	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	399003	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	322990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	152528	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	162501	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
35) Dibromofluoromethane	4.28	113	156757	55.99	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.98%	
50) Toluene-d8	7.70	98	330497	40.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.36%	
62) 4-Bromofluorobenzene	11.50	95	147390	34.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.28	84	6934	4.10	ug/l	# 73

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

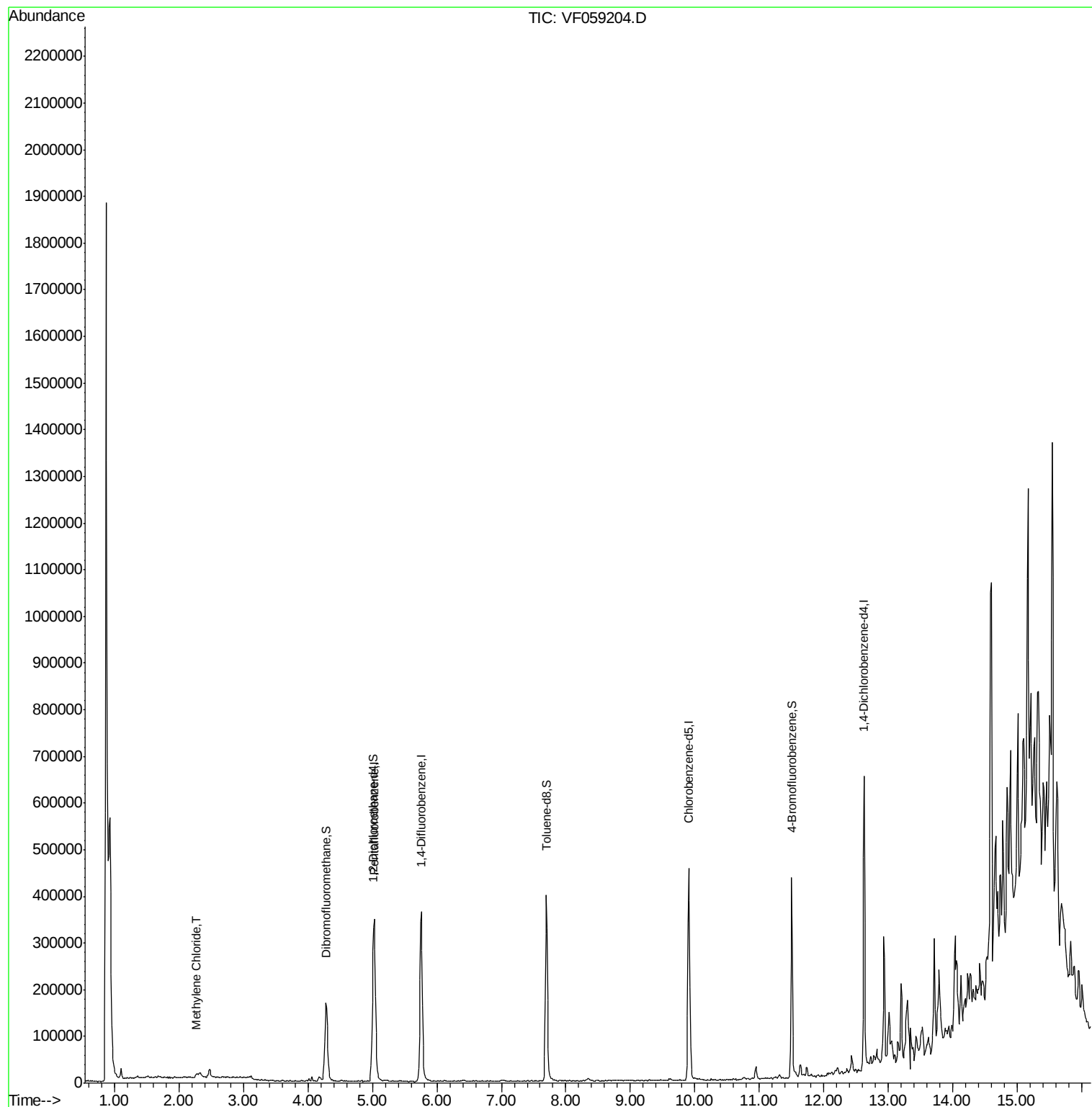
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061918\
Data File : VF059204.D
Acq On : 19 Jun 2018 22:25
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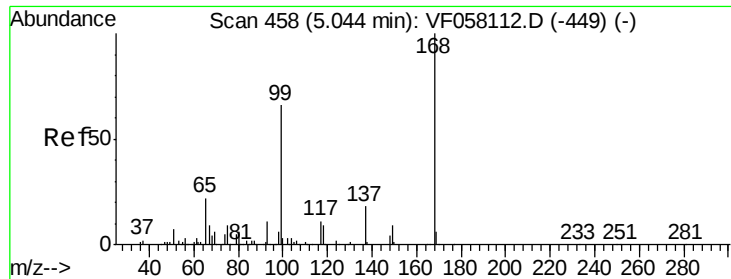
Instrument :
MSVOA_F
ClientSampleId :
SS-T-4-STONE

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6/20/2018 11:16:14 AM

Quant Time: Jun 20 11:27:56 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: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF059204.D

Acq: 19 Jun 2018 22:25

Instrument :

MSVOA_F

ClientSampleId :

SS-T-4-STONE

Tot Ion:168 Resp: 244104

Ion Ratio Lower Upper

168 100

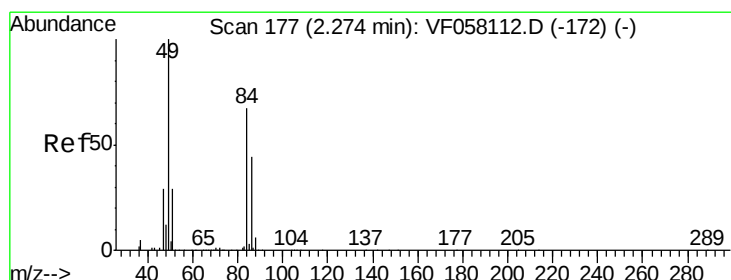
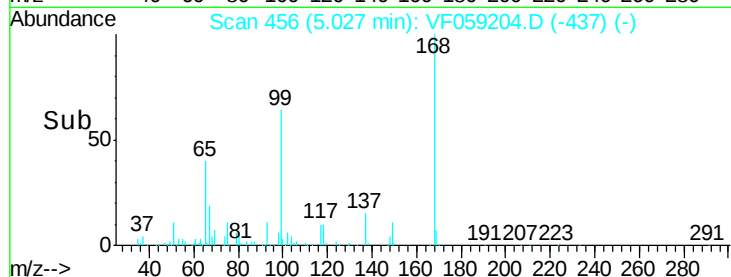
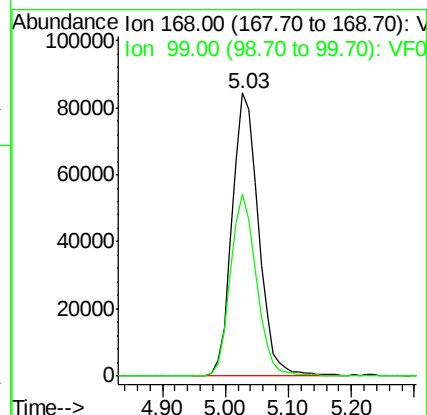
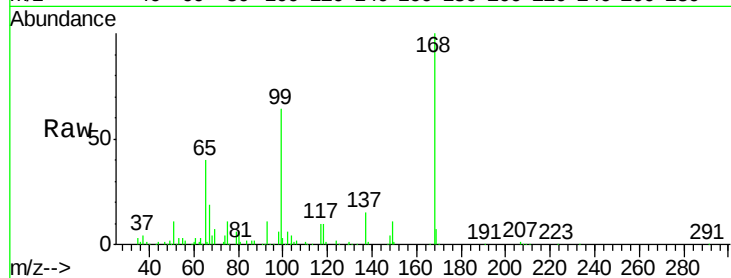
99 64.3 52.9 79.3

Manual Integrations

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#20

Methylene Chloride

Concen: 4.10 ug/l

RT: 2.28 min Scan# 177

Delta R.T. 0.00 min

Lab File: VF059204.D

Acq: 19 Jun 2018 22:25

Tgt Ion: 84 Resp: 6934

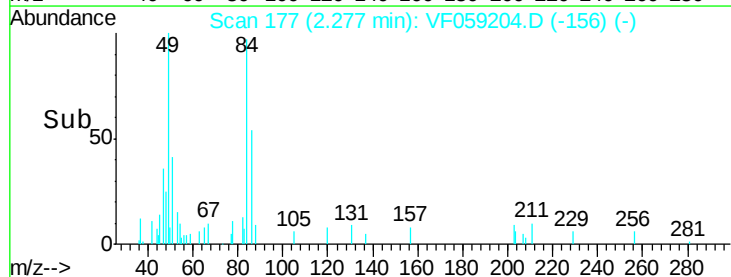
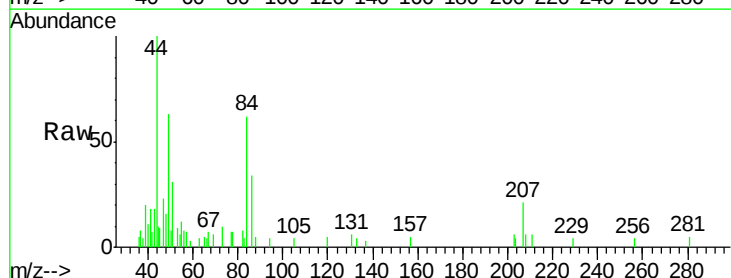
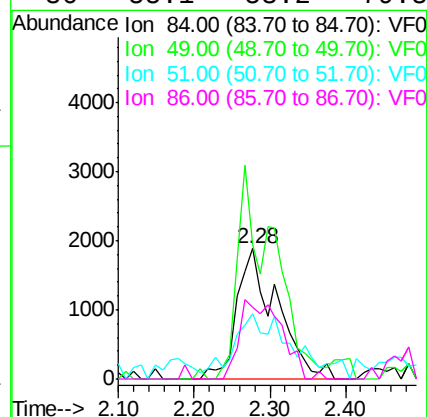
Ion Ratio Lower Upper

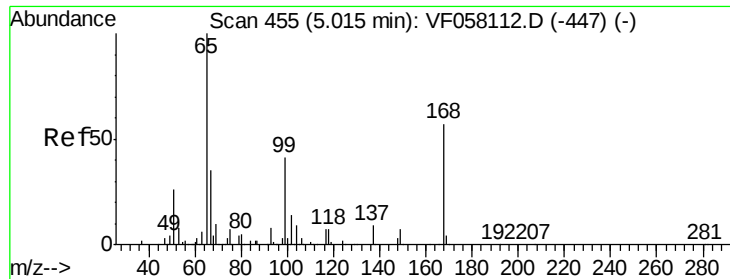
84 100

49 102.8 121.0 181.4#

51 50.1 35.8 53.6

86 55.1 53.2 79.8





#33

1,2-Dichloroethane-d4

Concen: 54.89 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059204.D

Acq: 19 Jun 2018 22:25

Tot Ion: 65 Resp: 162501

Ion Ratio Lower Upper

65 100

67 44.0 0.0 97.0

Instrument :

MSVOA_F

ClientSampleId :

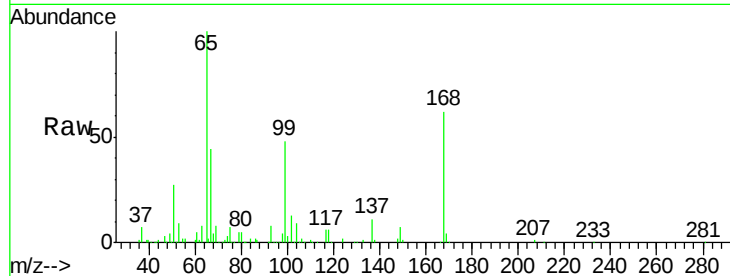
SS-T-4-STONE

Manual Integrations

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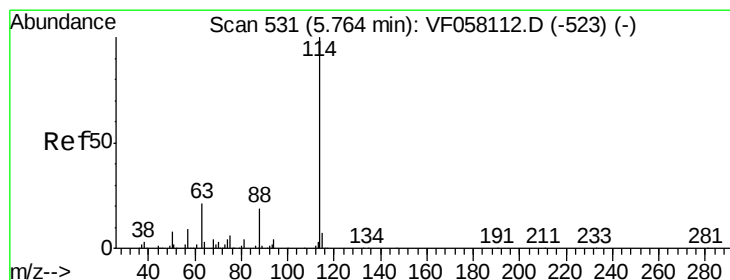
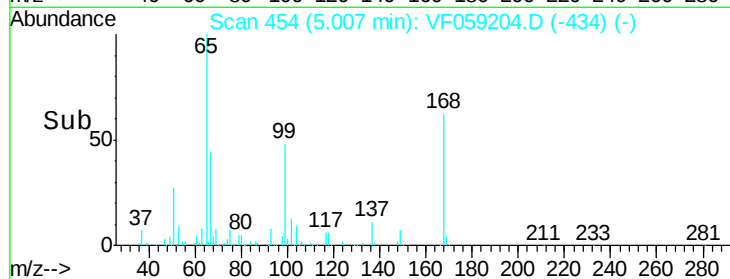
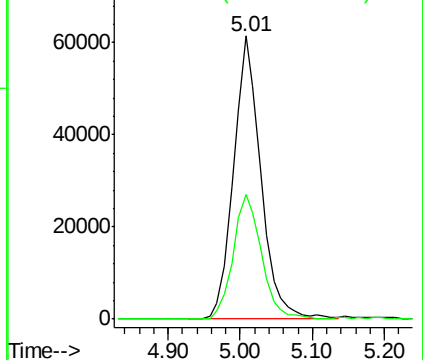
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059204.D

Acq: 19 Jun 2018 22:25

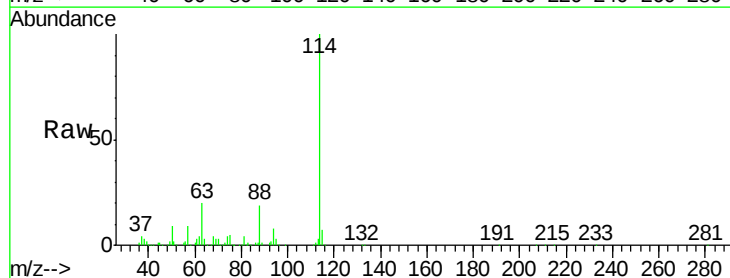
Tgt Ion: 114 Resp: 399003

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

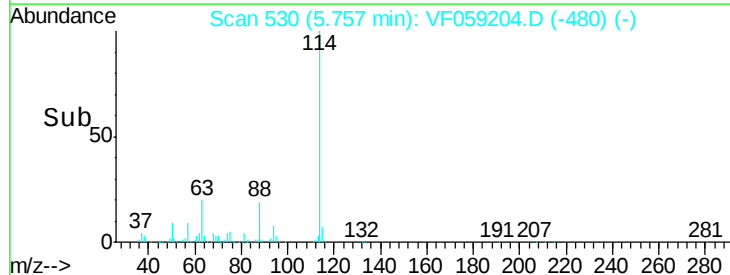
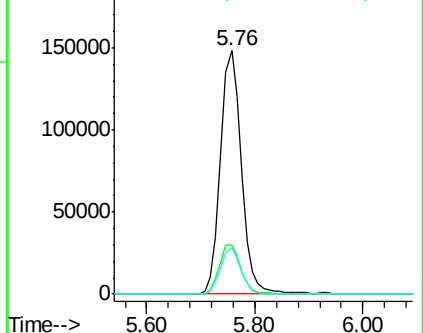
88 19.3 0.0 38.8

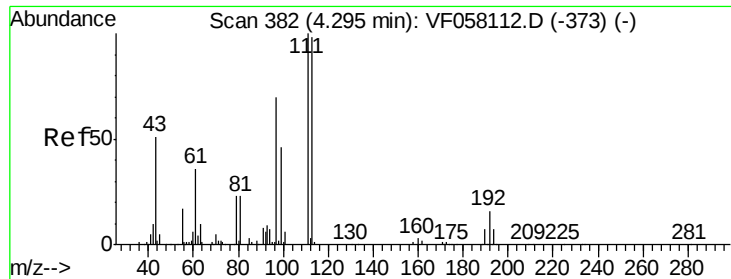


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





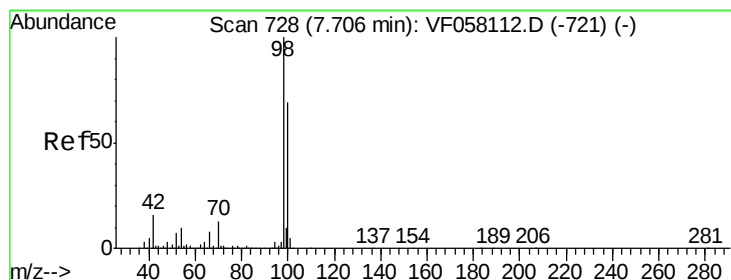
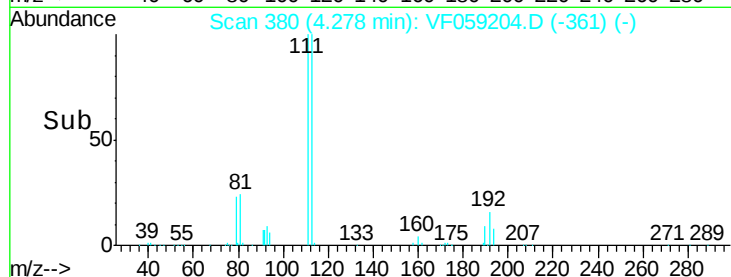
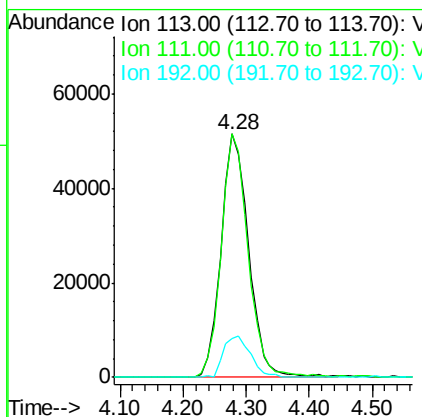
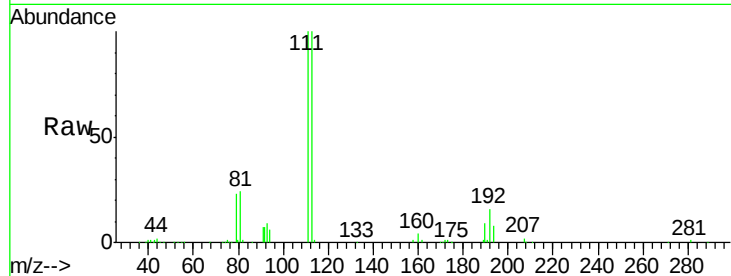
#35
 Dibromofluoromethane
 Concen: 55.99 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VF059204.D
 Acq: 19 Jun 2018 22:25

Instrument :
 MSVOA_F
 ClientSampleId :
 SS-T-4-STONE

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.3	121.9
192	15.9	12.7	19.1

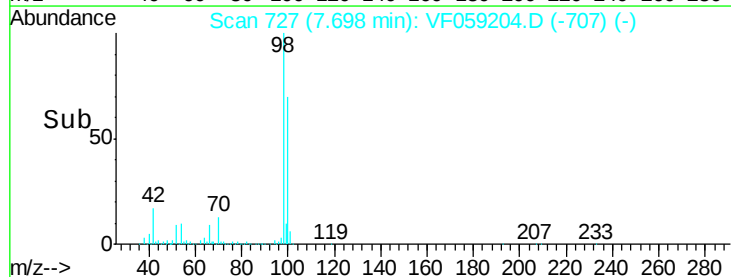
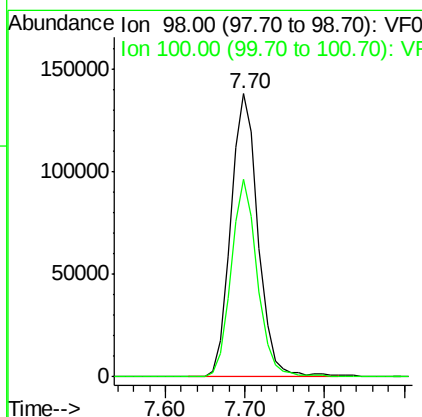
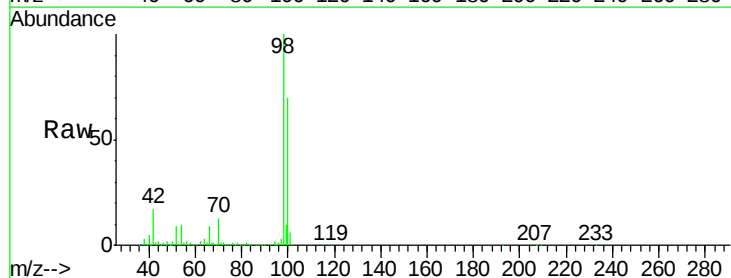
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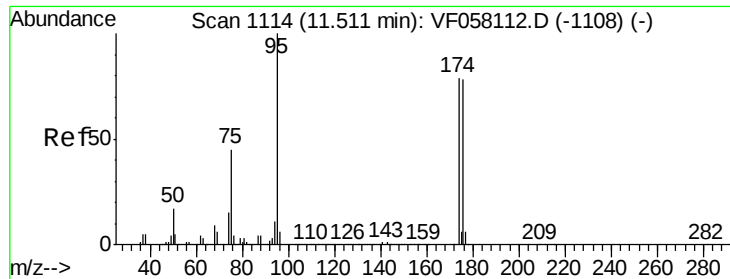
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#50
 Toluene-d8
 Concen: 40.18 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VF059204.D
 Acq: 19 Jun 2018 22:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.8	55.6	83.4





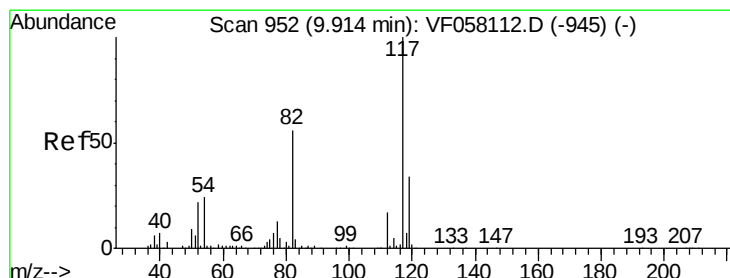
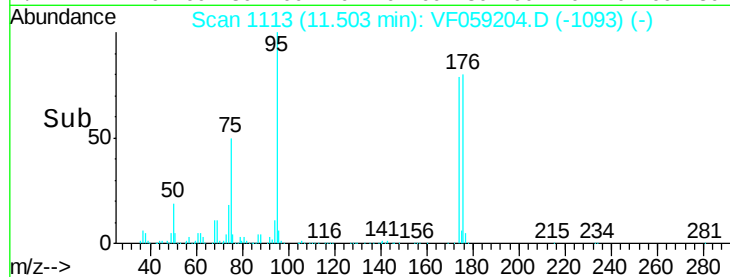
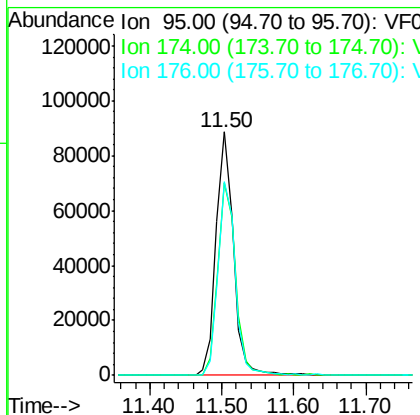
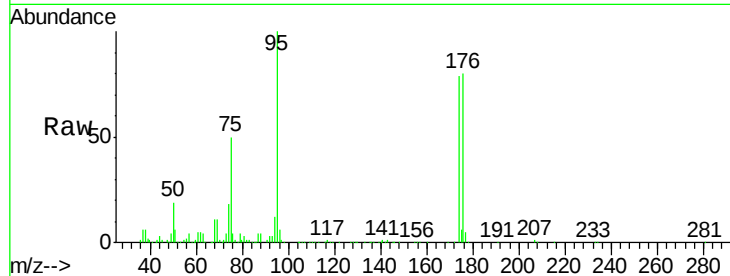
#62
4-Bromofluorobenzene
Concen: 34.94 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059204.D
Acq: 19 Jun 2018 22:25

Instrument :
MSVOA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
95	100	147390		
174	78.8	0.0	157.8	
176	79.6	0.0	155.8	

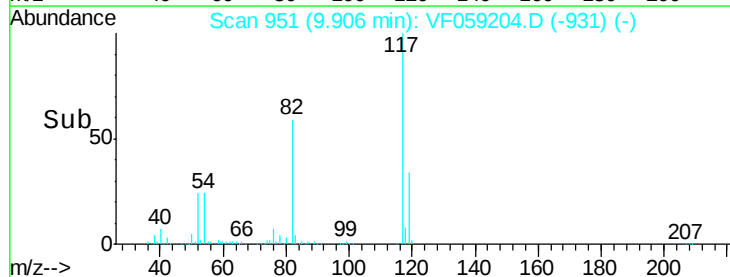
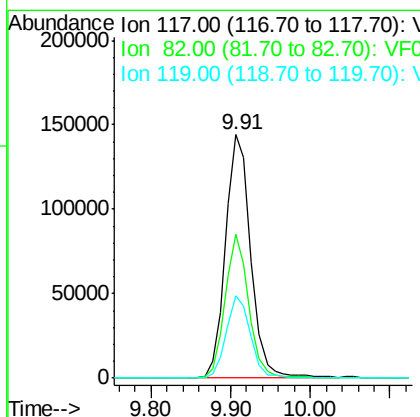
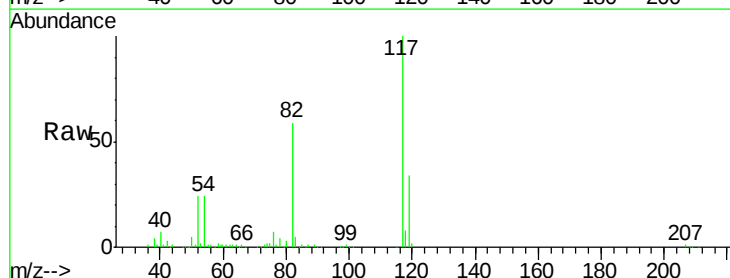
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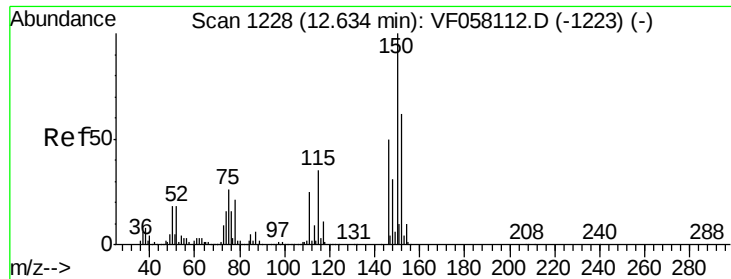
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059204.D
Acq: 19 Jun 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	322990		
82	59.2	45.2	67.8	
119	33.7	27.5	41.3	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059204.D

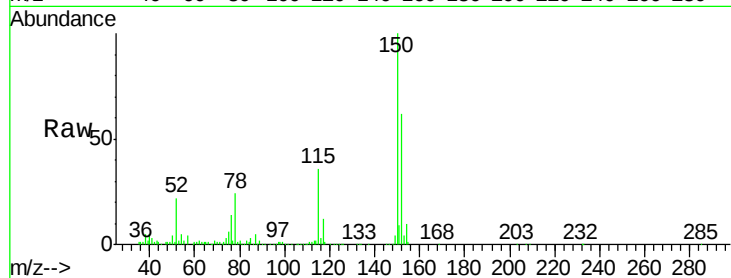
Acq: 19 Jun 2018 22:25

Instrument :

MSVOA_F

ClientSampleId :

SS-T-4-STONE



Tot Ion	Ratio	Resp	Lower	Upper
152	100			
115	58.5	28.5	85.5	
150	160.9	0.0	323.8	

Manual Integrations
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