

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059253.D
 Acq On : 21 Jun 2018 5:47
 Operator : VA/AP
 Sample : J3570-03
 Misc : 5.17g/5mL/MSVOA-F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 20180373-AMENDED-COMPOSITE-

Manual Integrations
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apatel
 6/21/2018 9:46:46 AM

Quant Time: Jun 21 08:09:13 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	172216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	268783	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	235563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	121314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	130883	62.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.32%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	7.71	98	259021	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
62) 4-Bromofluorobenzene	11.51	95	144701	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
Target Compounds						
16) Acetone	2.33	43	142046	284.84	ug/l #	91
17) Carbon Disulfide	1.87	76	168573	52.91	ug/l	97
20) Methylene Chloride	2.27	84	8746m	7.32	ug/l	
25) 2-Butanone	4.50	43	27082	35.03	ug/l #	90
95) Naphthalene	14.53	128	12019	2.14	ug/l	98

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

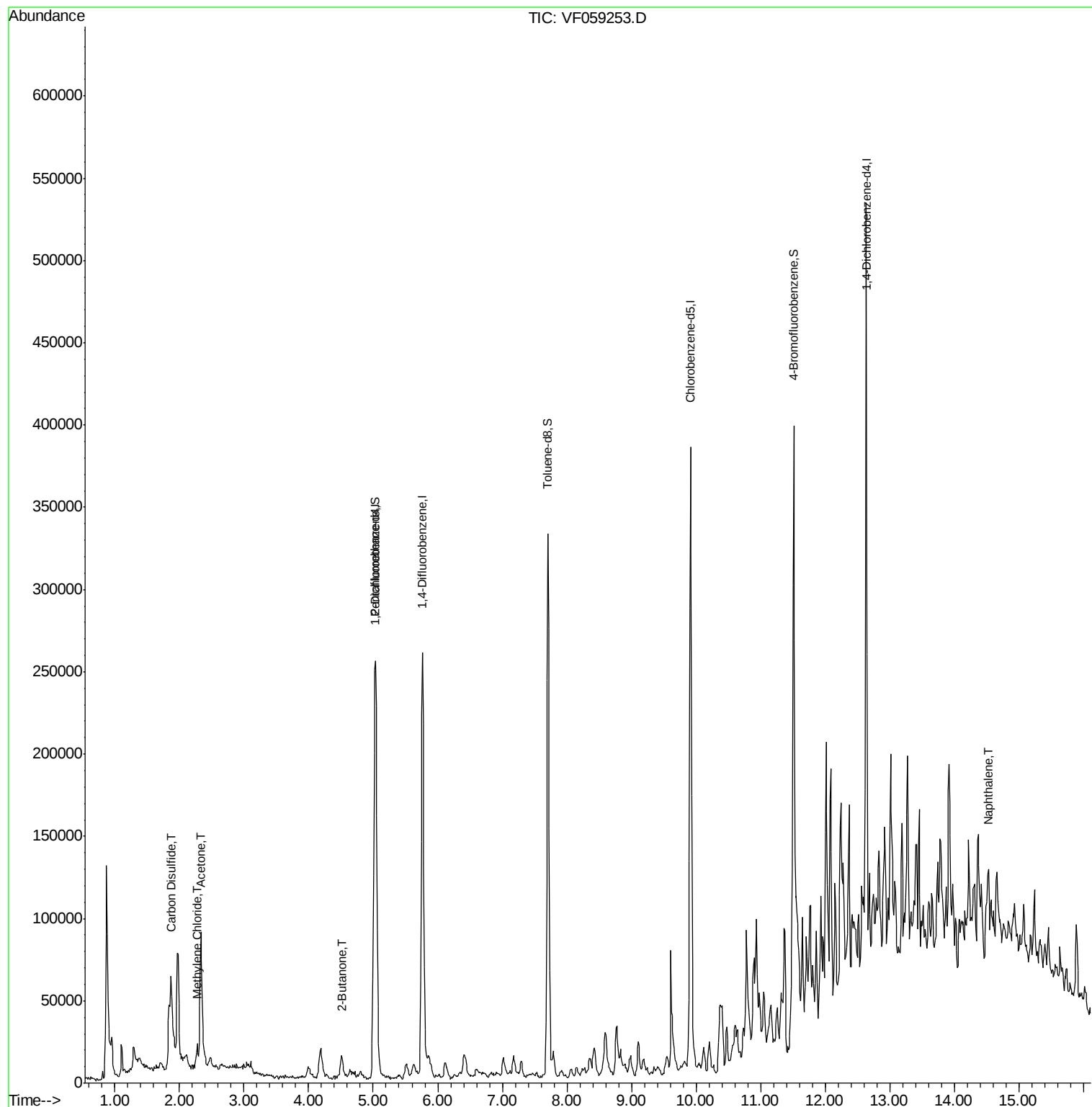
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059253.D
Acq On : 21 Jun 2018 5:47
Operator : VA/AP
Sample : J3570-03
Misc : 5.17g/5mL/MSVOA-F/SOIL
ALS Vial : 30 Sample Multiplier: 1

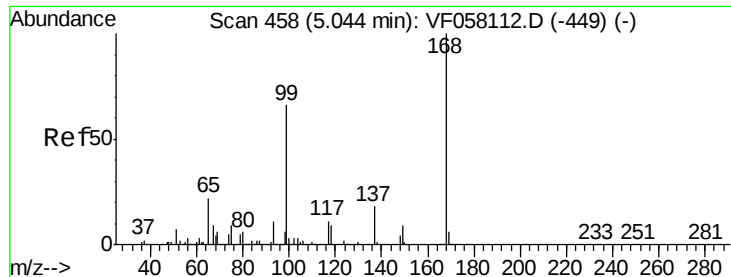
Instrument :
MSVOA_F
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Manual Integrations
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Quant Time: Jun 21 08:09:13 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: 5.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF059253.D

Acq: 21 Jun 2018 5:47

Instrument :

MSVOA_F

ClientSampleId :

20180373-AMENDED-COMPOSITE-

Tot Ion:168 Resp: 172216

Ion Ratio Lower Upper

168 100

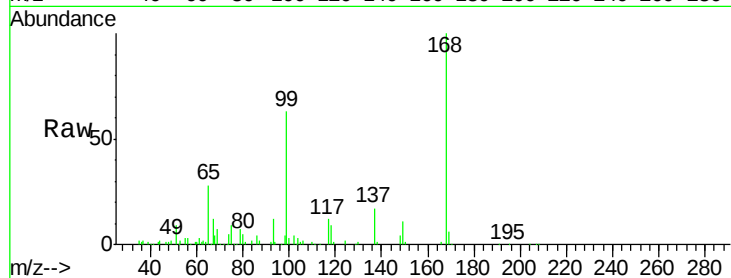
99 62.6 52.9 79.3

Manual Integrations

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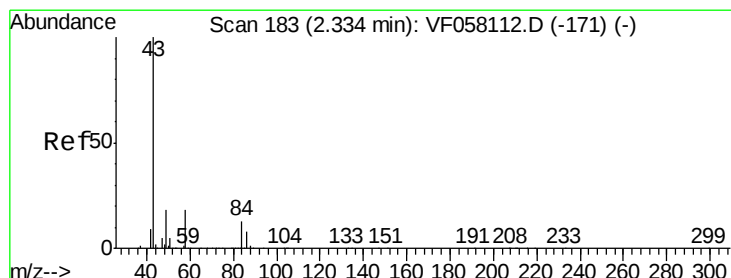
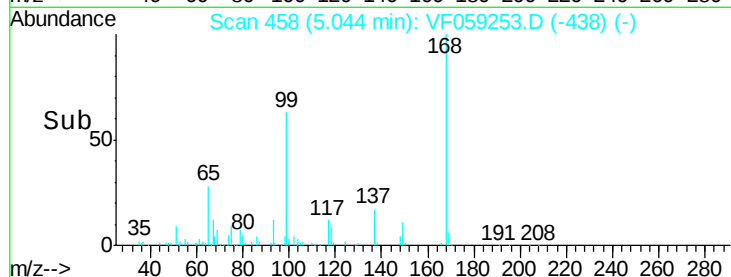
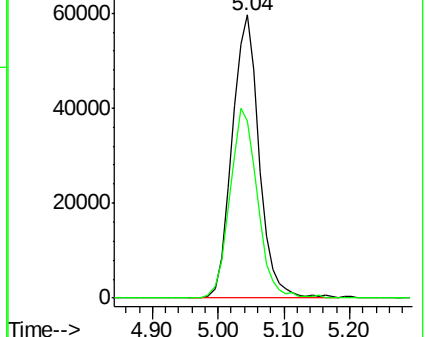
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 284.84 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.00 min

Lab File: VF059253.D

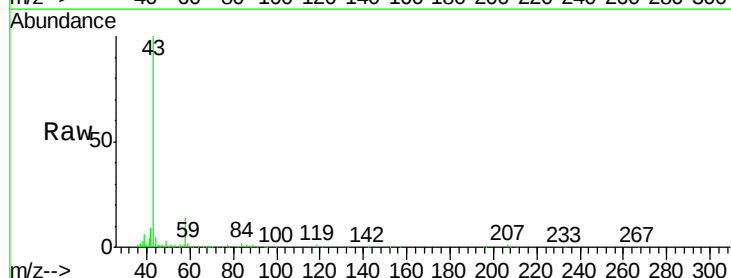
Acq: 21 Jun 2018 5:47

Tgt Ion: 43 Resp: 142046

Ion Ratio Lower Upper

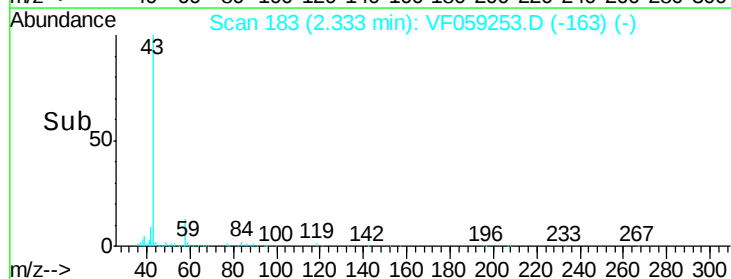
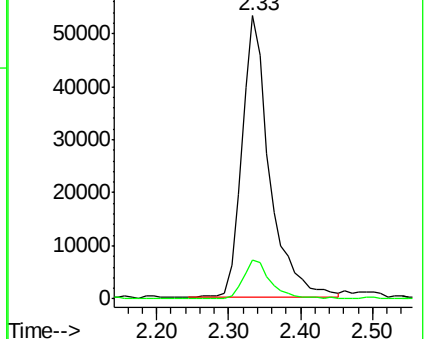
43 100

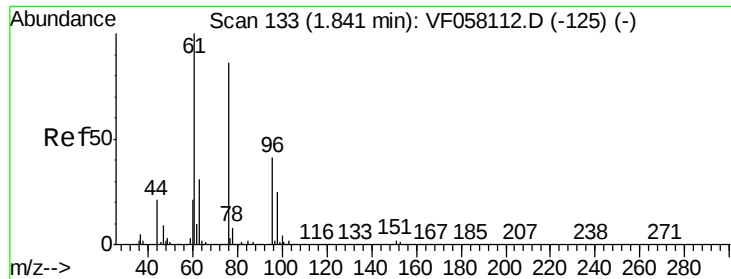
58 13.9 14.4 21.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 52.91 ug/l

RT: 1.87 min Scan# 136

Delta R.T. 0.03 min

Lab File: VF059253.D

Acq: 21 Jun 2018 5:47

Instrument :

MSVOA_F

ClientSampleId :

20180373-AMENDED-COMPOSITE-

Tot Ion: 76 Resp: 168573

Ion Ratio Lower Upper

76 100

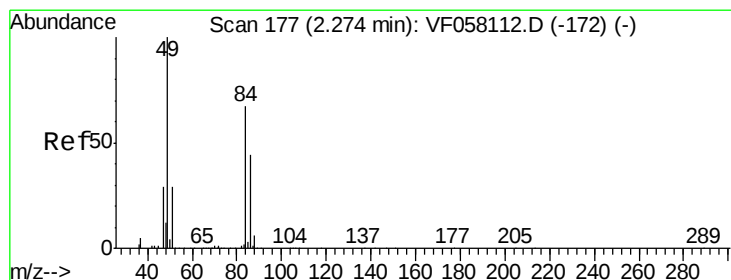
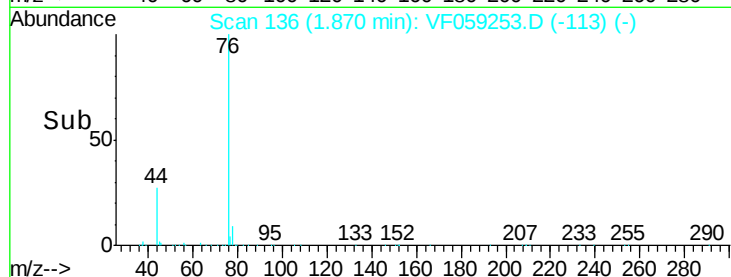
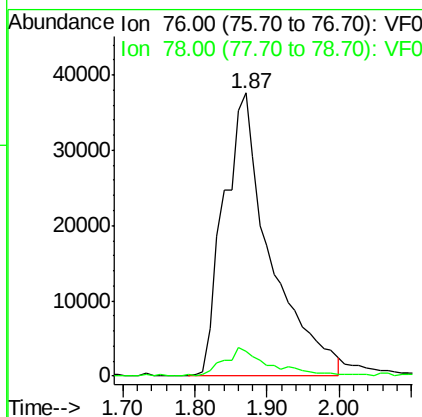
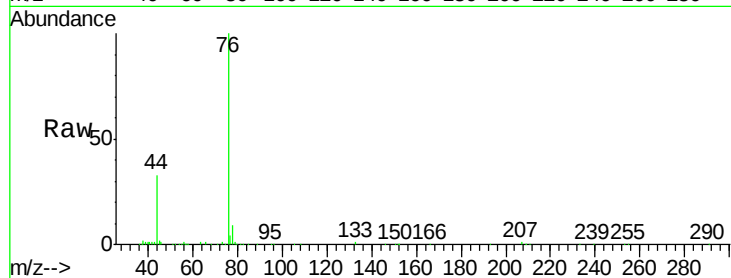
78 8.8 7.8 11.8

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#20

Methylene Chloride

Concen: 7.32 ug/l m

RT: 2.27 min Scan# 177

Delta R.T. -0.00 min

Lab File: VF059253.D

Acq: 21 Jun 2018 5:47

Tgt Ion: 84 Resp: 8746

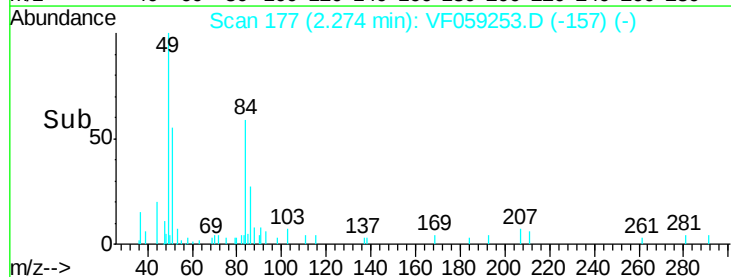
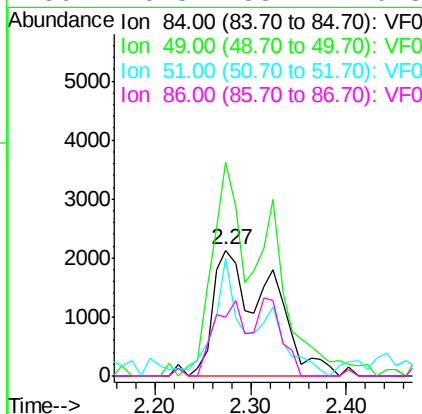
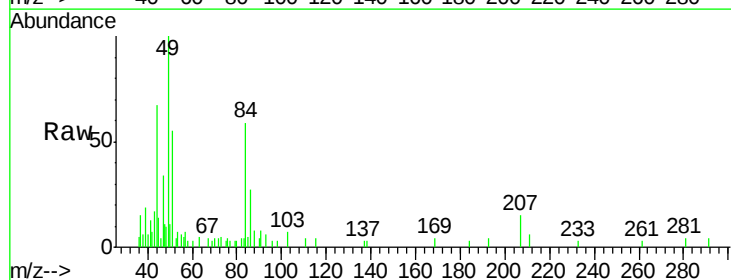
Ion Ratio Lower Upper

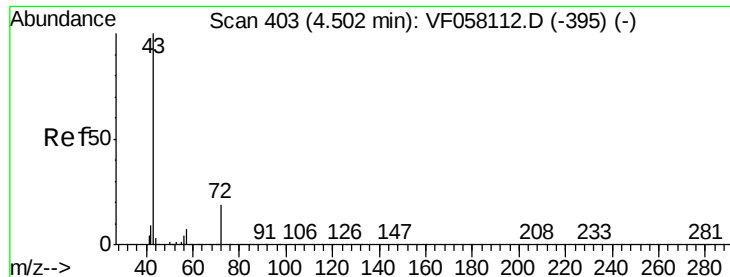
84 100

49 170.1 121.0 181.4

51 94.2 35.8 53.6#

86 46.5 53.2 79.8#





#25

2-Butanone

Concen: 35.03 ug/l

RT: 4.50 min Scan# 403

Delta R.T. -0.00 min

Lab File: VF059253.D

Acq: 21 Jun 2018 5:47

Instrument :

MSVOA_F

ClientSampleId :

20180373-AMENDED-COMPOSITE-

Tot Ion: 43 Resp: 27082

Ion Ratio Lower Upper

43 100

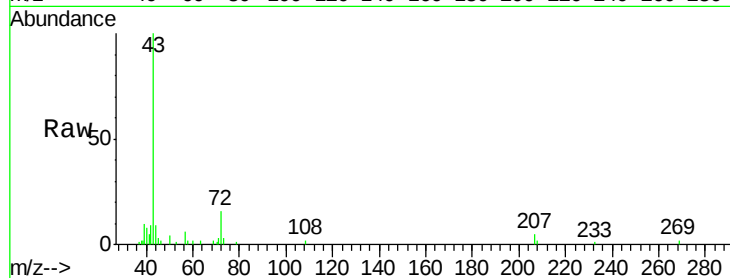
72 15.7 16.1 24.1#

Manual Integrations

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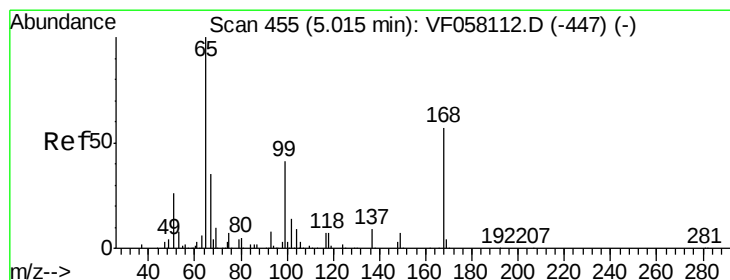
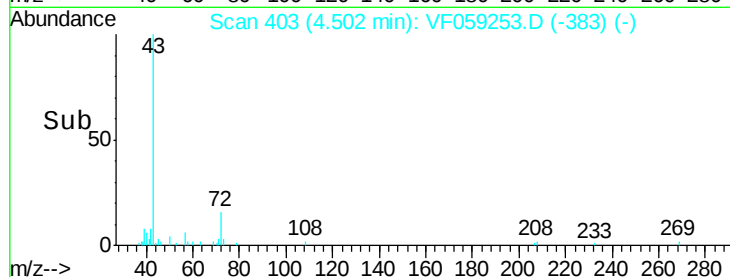
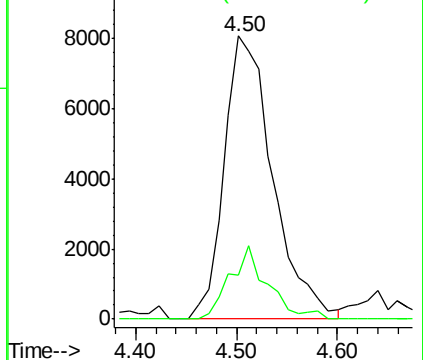
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 62.66 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF059253.D

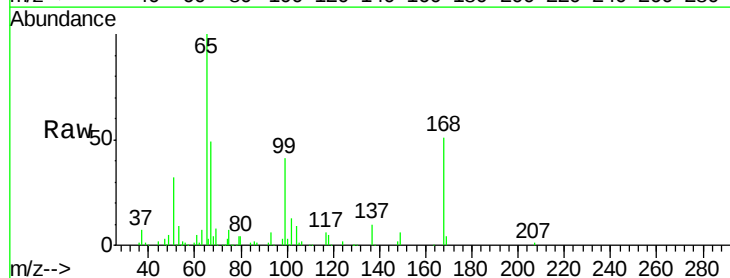
Acq: 21 Jun 2018 5:47

Tgt Ion: 65 Resp: 130883

Ion Ratio Lower Upper

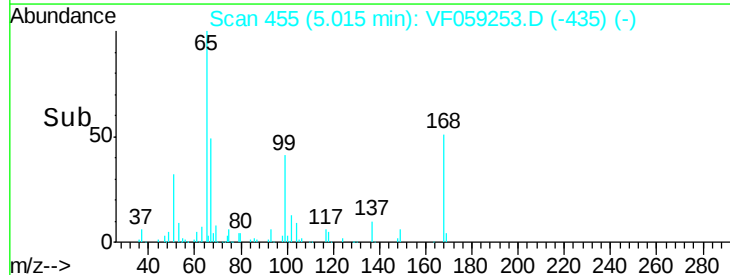
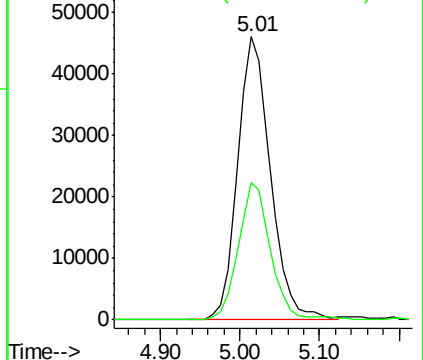
65 100

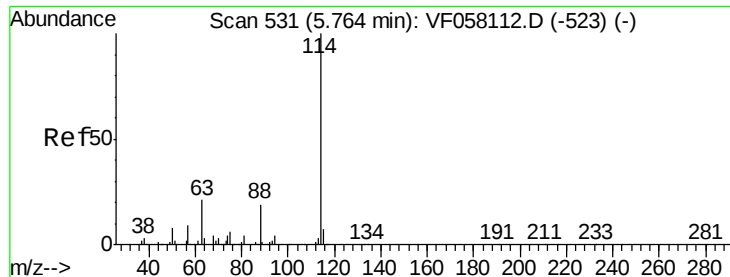
67 48.8 0.0 97.0



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# 531

Delta R.T. -0.00 min

Lab File: VF059253.D

Acq: 21 Jun 2018 5:47

Instrument :

MSVOA_F

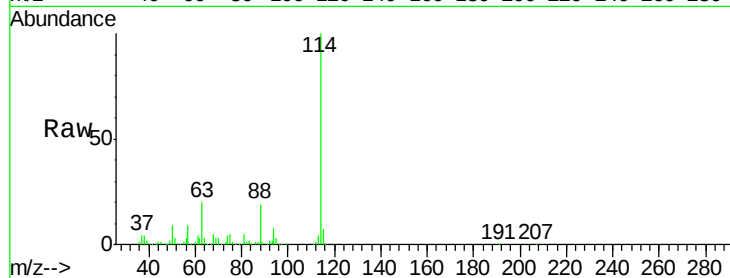
ClientSampleId :

20180373-AMENDED-COMPOSITE-

Tot Ion	Ion	Ratio	Resp Lower	Upper
114	100			
63	20.3	0.0	41.6	
88	19.0	0.0	38.8	

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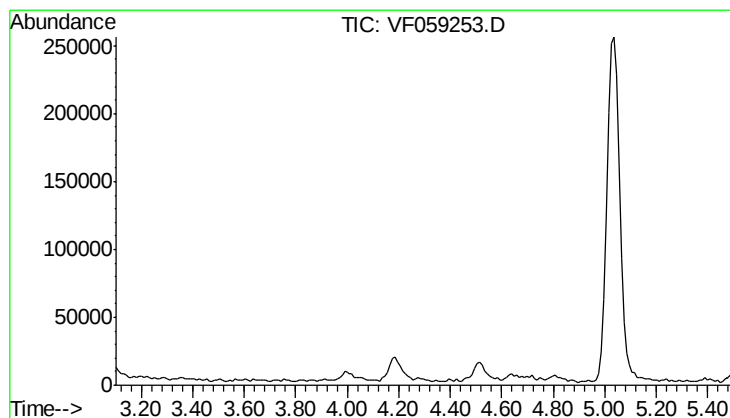
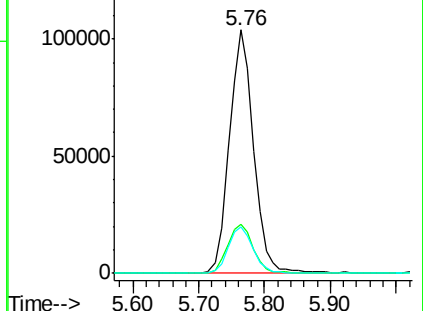
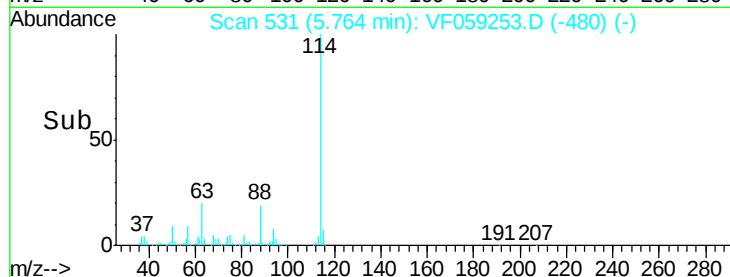
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Abundance Ion 114.00 (113.70 to 114.70): VF059253.D

Ion 63.00 (62.70 to 63.70): VF059253.D

Ion 88.00 (87.70 to 88.70): VF059253.D



#35

Dibromofluoromethane

Concen: 0.00 ug/l

Expected RT: 4.30 min

Lab File: VF059253.D

Acq: 21 Jun 2018 5:47

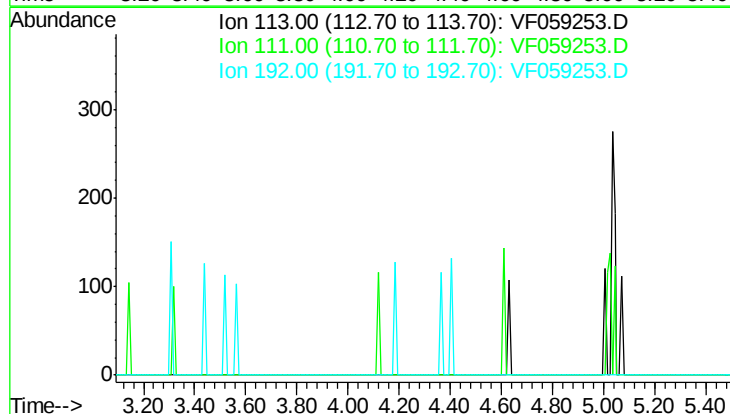
Tgt Ion: 113

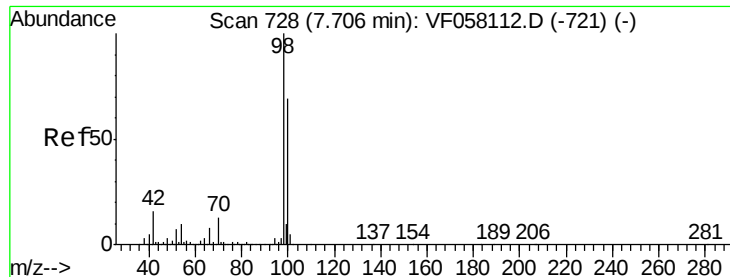
Sig Exp Ratio

113 100

111 101.6

192 15.9





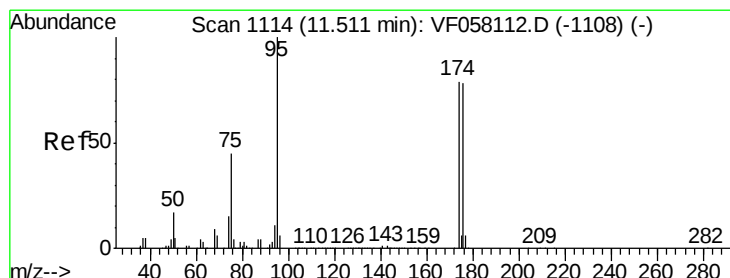
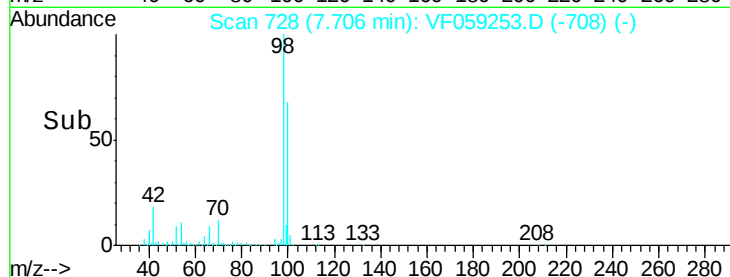
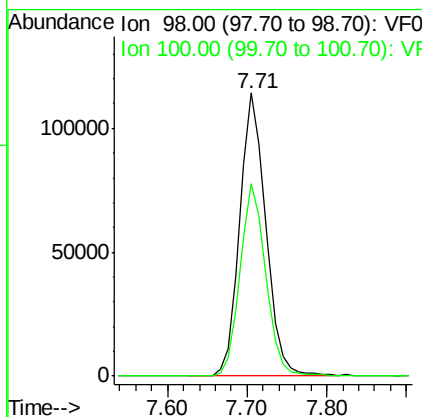
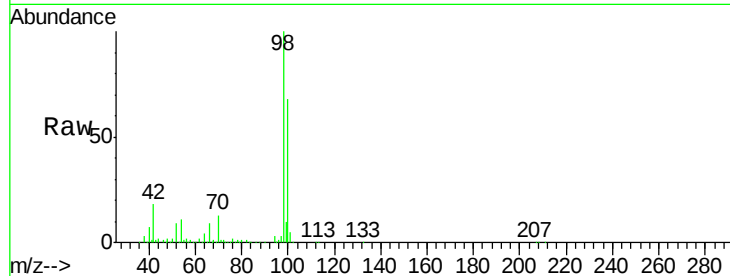
#50
Toluene-d8
Concen: 46.75 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument :
MSVOA_F
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
98	100		
100	67.9	55.6	83.4

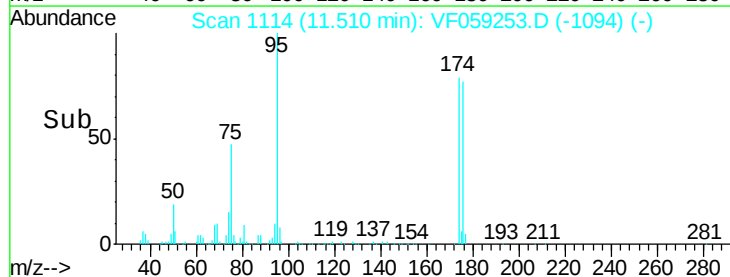
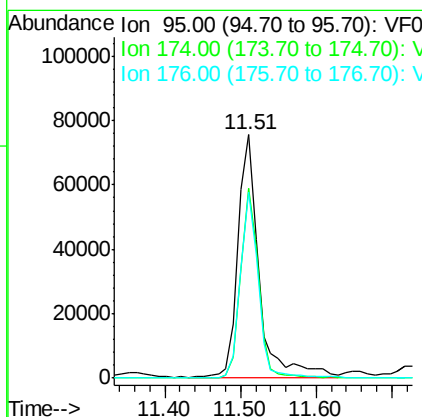
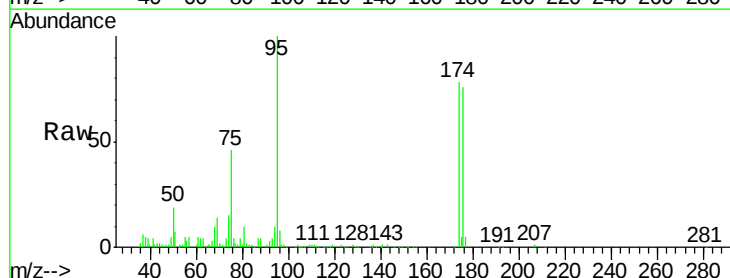
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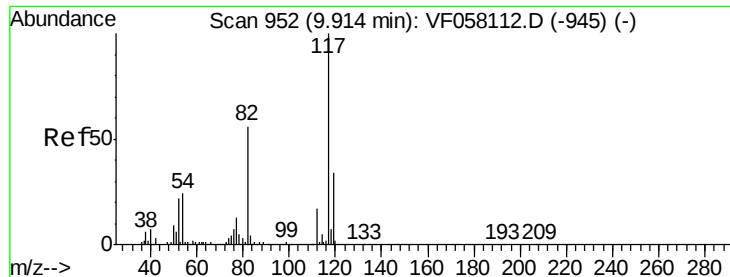
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#62
4-Bromofluorobenzene
Concen: 50.92 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	157.8
176	76.4	0.0	155.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. -0.00 min

Lab File: VF059253.D

Acq: 21 Jun 2018 5:47

Instrument :

MSVOA_F

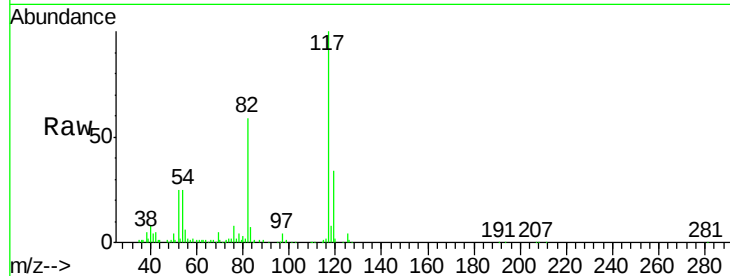
ClientSampleId :

20180373-AMENDED-COMPOSITE-

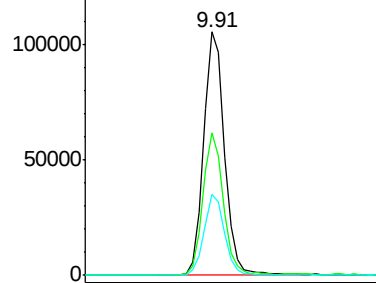
Tot Ion:	117	Resp:	235563
Ion Ratio	Lower	Upper	
117	100		
82	58.6	45.2	67.8
119	33.5	27.5	41.3

Manual Integrations
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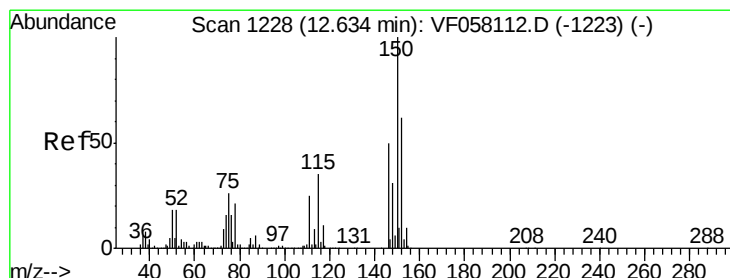
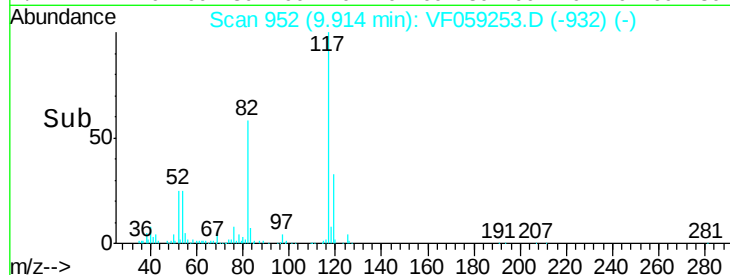
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Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

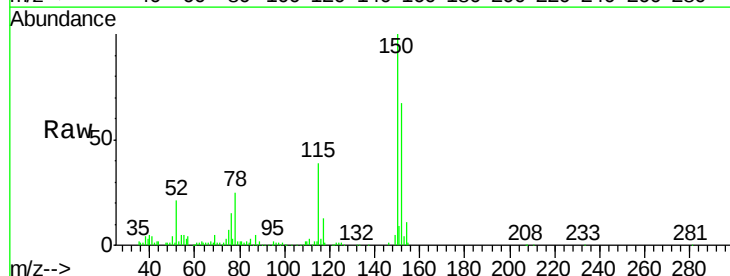
RT: 12.63 min Scan# 1228

Delta R.T. -0.00 min

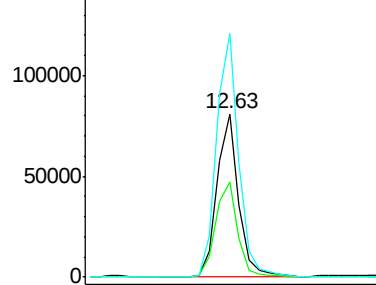
Lab File: VF059253.D

Acq: 21 Jun 2018 5:47

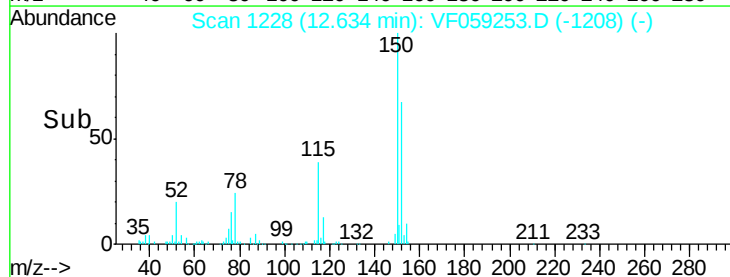
Tgt Ion:	152	Resp:	121314
Ion Ratio	Lower	Upper	
152	100		
115	57.8	28.5	85.5
150	148.9	0.0	323.8

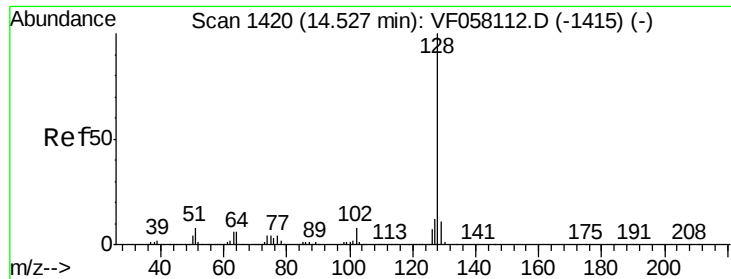


Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



Time-->





#95
Naphthalene
Concen: 2.14 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument :
MSVOA_F
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.6	9.9	14.9
129	9.8	8.7	13.1

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