

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059254.D
 Acq On : 21 Jun 2018 6:15
 Operator : VA/AP
 Sample : J3570-04
 Misc : 5.01µ/5mL/MSVOA-F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 20180374-AMENDED-COMPOSITE-

Manual Integrations
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Quant Time: Jun 21 08:11:48 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	193961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	311457	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	262736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	150423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	147482	62.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.40%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	7.71	98	312483	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.51	95	155733	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
Target Compounds						
16) Acetone	2.34	43	102865	183.15	ug/l #	88
17) Carbon Disulfide	1.87	76	118857	33.12	ug/l	98
20) Methylene Chloride	2.28	84	12051m	8.96	ug/l	
25) 2-Butanone	4.51	43	20733	23.81	ug/l #	87
95) Naphthalene	14.52	128	7468	1.07	ug/l #	91

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

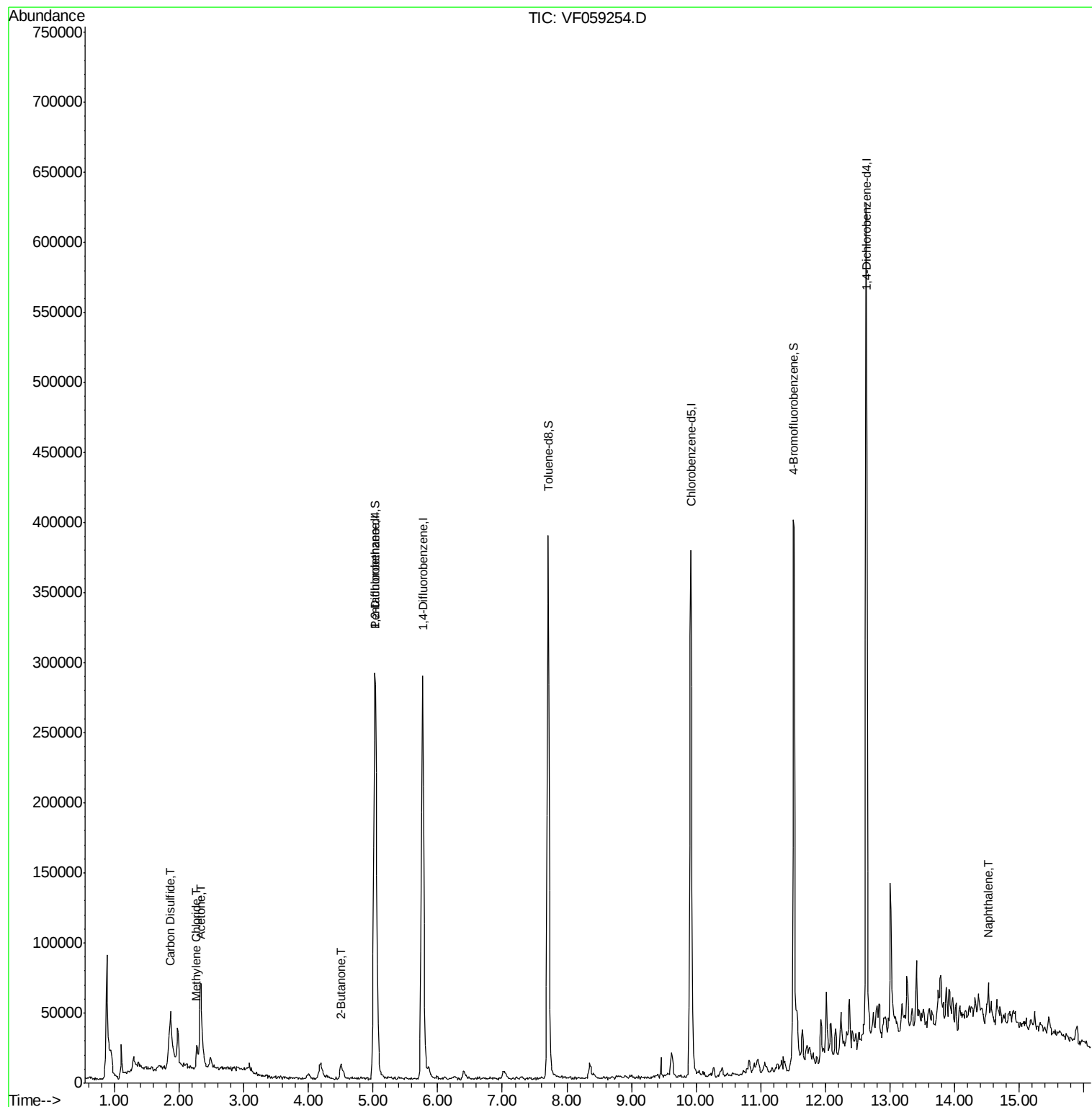
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059254.D
Acq On : 21 Jun 2018 6:15
Operator : VA/AP
Sample : J3570-04
Misc : 5.01a/5mL/MSVOA-F/SOIL
ALS Vial : 31 Sample Multiplier: 1

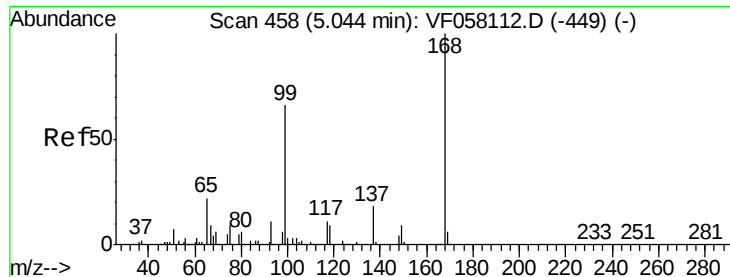
Instrument :
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Quant Time: Jun 21 08:11:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF059254.D

Acq: 21 Jun 2018 6:15

Instrument :

MSVOA_F

ClientSampleId :

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Tot Ion:168 Resp: 193961

Ion Ratio Lower Upper

168 100

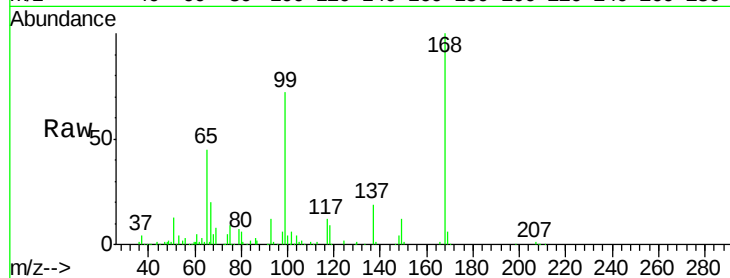
99 72.1 52.9 79.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

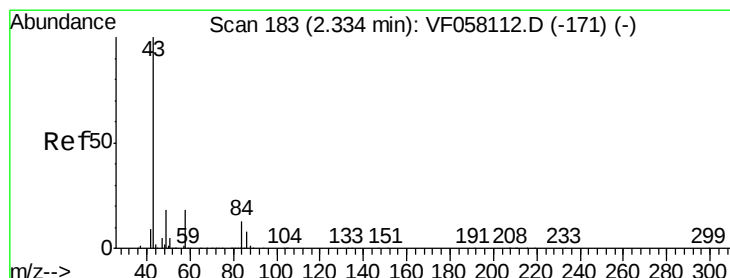
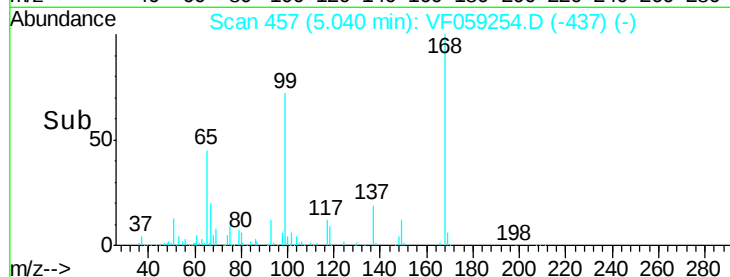
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 183.15 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059254.D

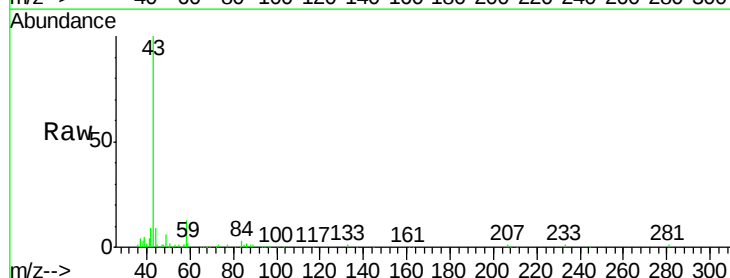
Acq: 21 Jun 2018 6:15

Tgt Ion: 43 Resp: 102865

Ion Ratio Lower Upper

43 100

58 12.6 14.4 21.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

40000

30000

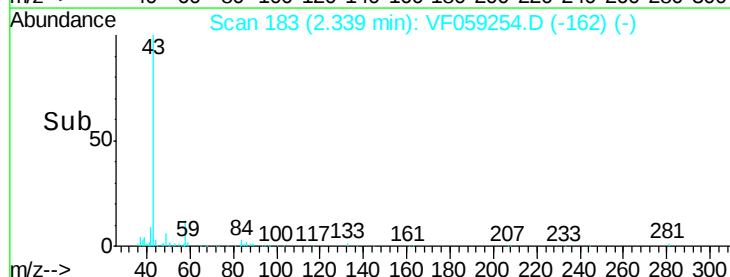
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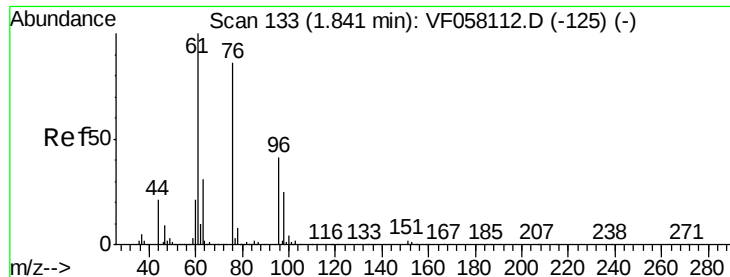
10000

0

2.30 2.40

Time-->





#17

Carbon Disulfide

Concen: 33.12 ug/l

RT: 1.87 min Scan# 135

Delta R.T. 0.02 min

Lab File: VF059254.D

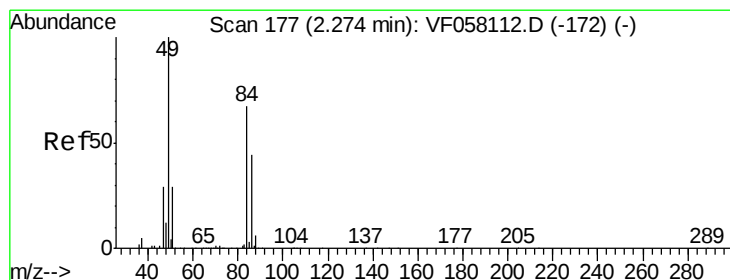
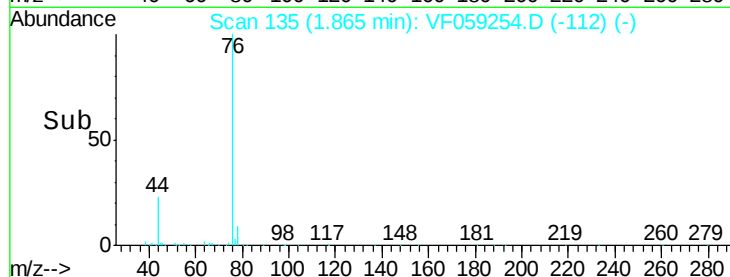
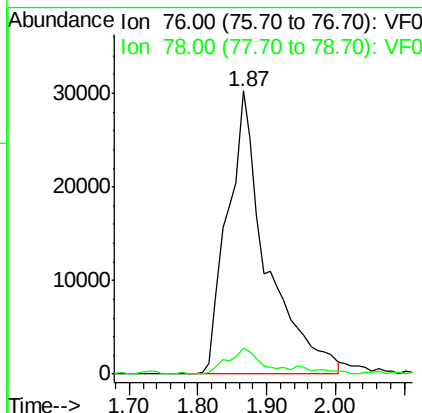
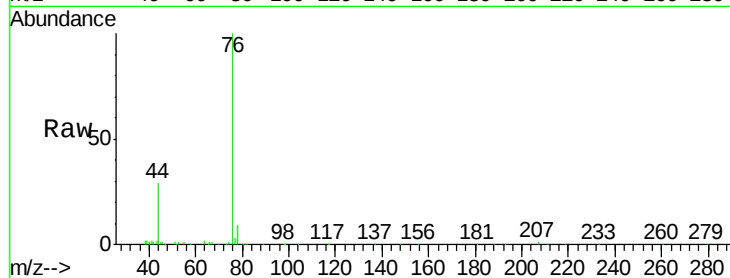
Acq: 21 Jun 2018 6:15

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.8	11.8

Instrument :
MSVOA_F
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#20

Methylene Chloride

Concen: 8.96 ug/l m

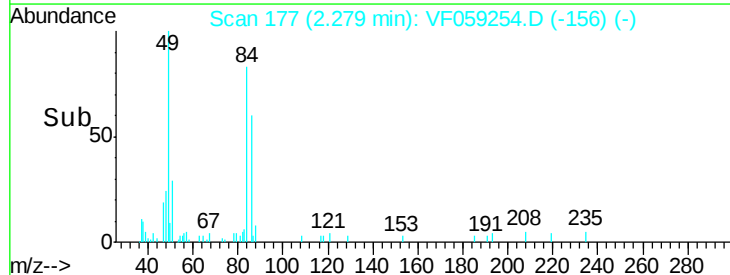
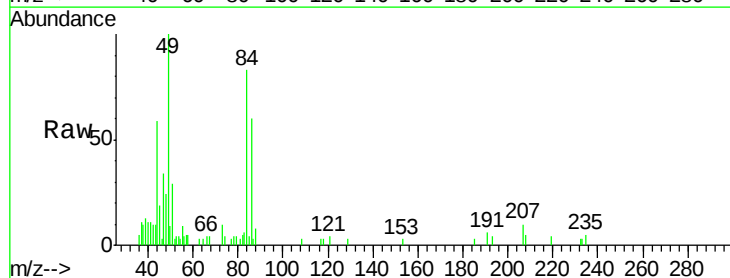
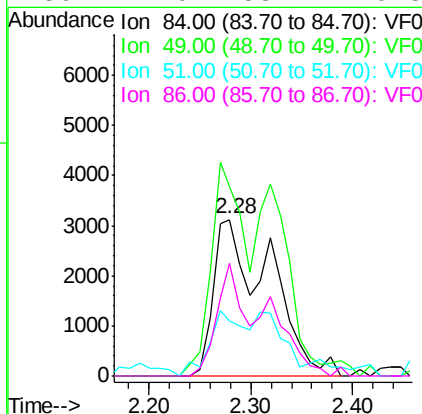
RT: 2.28 min Scan# 177

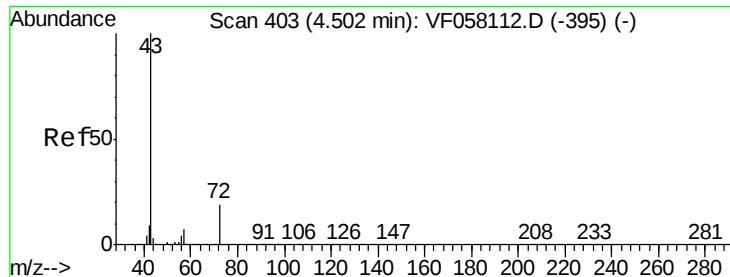
Delta R.T. 0.00 min

Lab File: VF059254.D

Acq: 21 Jun 2018 6:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.8	121.0	181.4#
51	35.4	35.8	53.6#
86	72.0	53.2	79.8





#25

2-Butanone

Concen: 23.81 ug/l

RT: 4.51 min Scan# 403

Delta R.T. 0.00 min

Lab File: VF059254.D

Acq: 21 Jun 2018 6:15

Instrument :

MSVOA_F

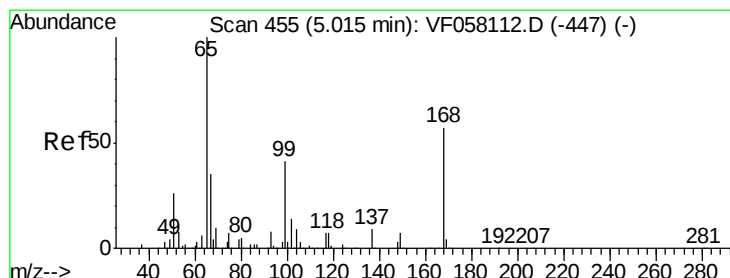
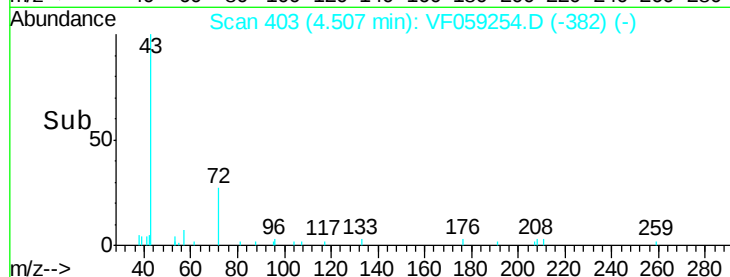
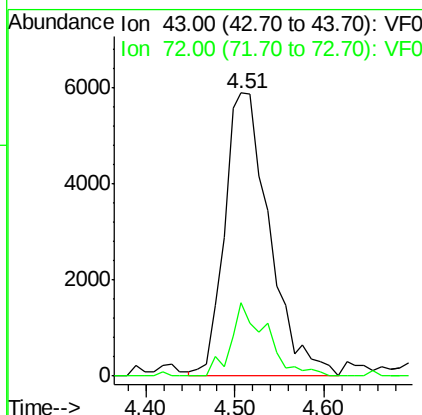
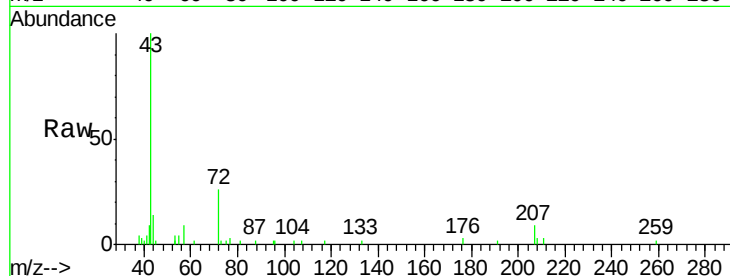
ClientSampleId :

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Tot Ion: 43 Resp: 20733
 Ion Ratio Lower Upper
 43 100
 72 26.1 16.1 24.1#

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#33

1,2-Dichloroethane-d4

Concen: 62.70 ug/l

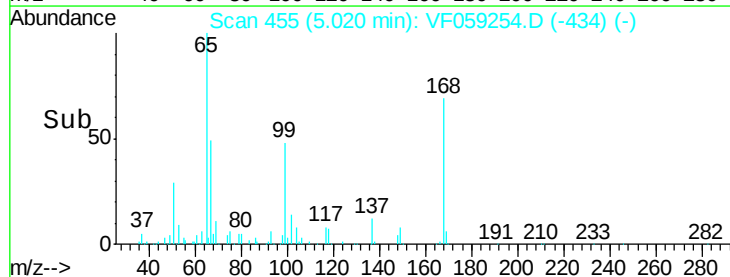
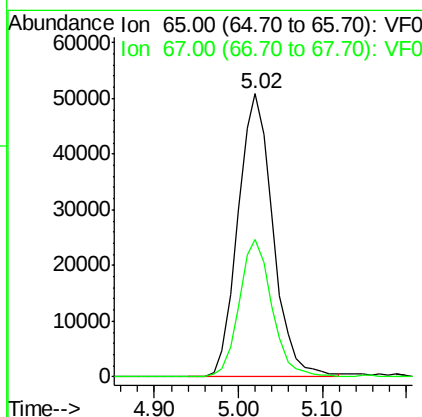
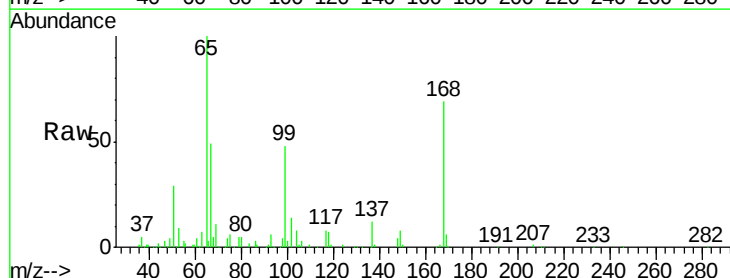
RT: 5.02 min Scan# 455

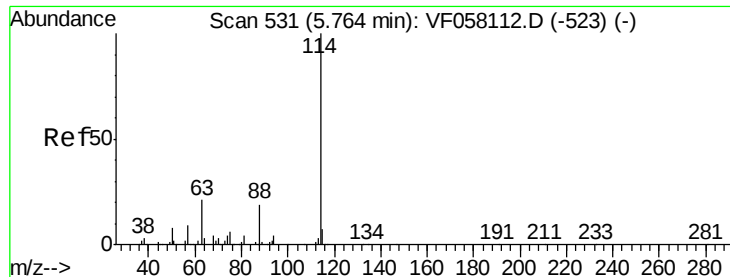
Delta R.T. 0.00 min

Lab File: VF059254.D

Acq: 21 Jun 2018 6:15

Tgt Ion: 65 Resp: 147482
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 97.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059254.D

Acq: 21 Jun 2018 6:15

Instrument :

MSVOA_F

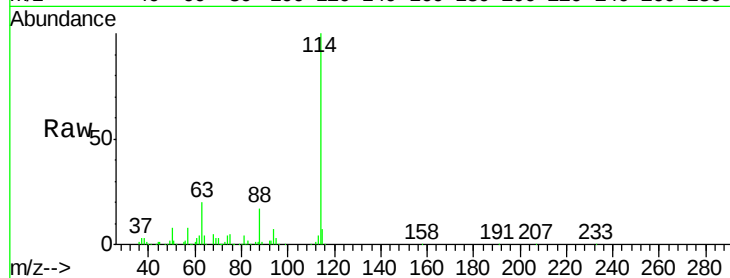
ClientSampleId :

20180374-AMENDED-COMPOSITE-

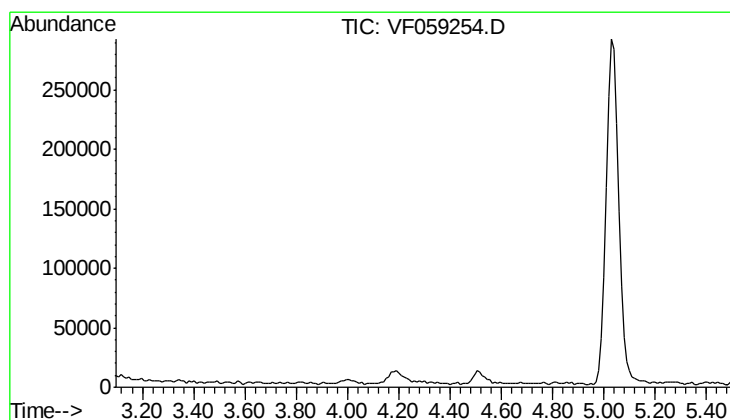
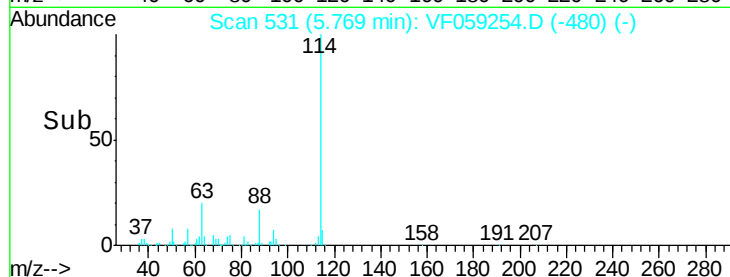
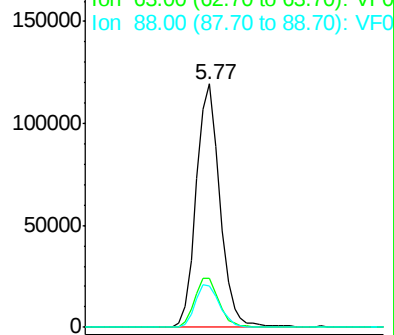
Tot Ion:	114	Resp:	311457
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	41.6
88	16.9	0.0	38.8

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Abundance Ion 114.00 (113.70 to 114.70): V



#35

Dibromofluoromethane

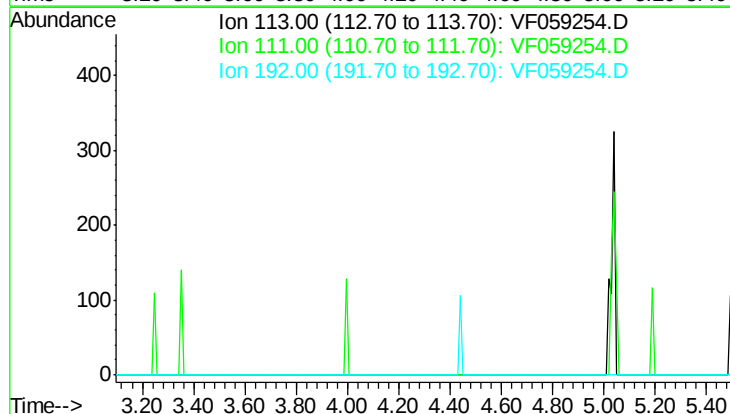
Concen: 0.00 ug/l

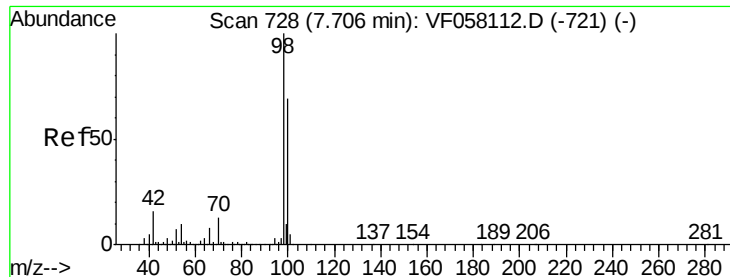
Expected RT: 4.30 min

Lab File: VF059254.D

Acq: 21 Jun 2018 6:15

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	101.6
192	15.9





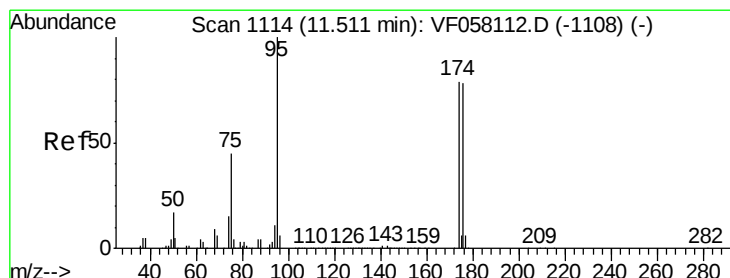
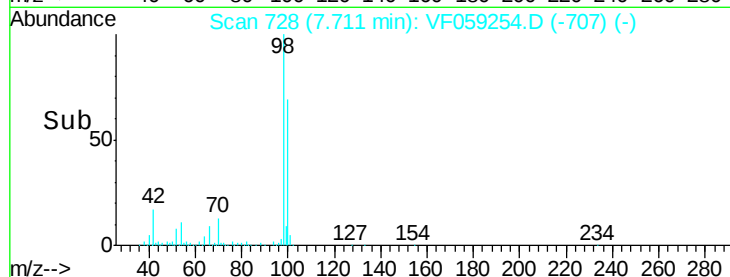
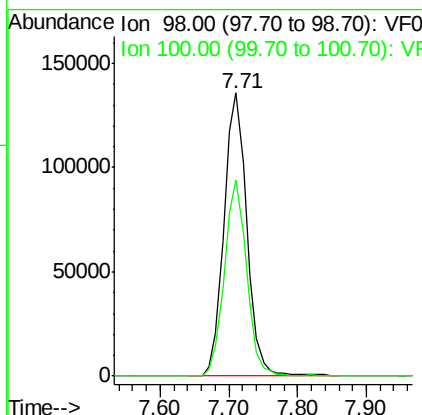
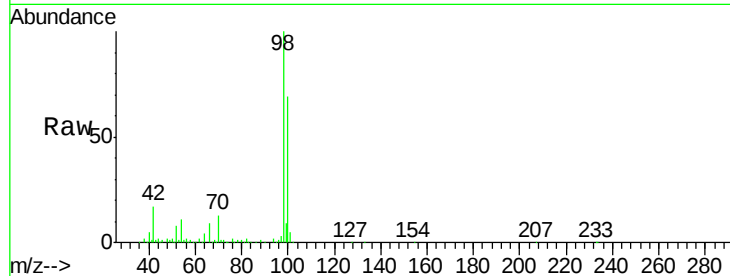
#50
Toluene-d8
Concen: 48.67 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059254.D
Acq: 21 Jun 2018 6:15

Instrument :
MSVOA_F
ClientSampleId :
20180374-AMENDED-COMPOSITE-

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		312483		
100	69.4	55.6	83.4		

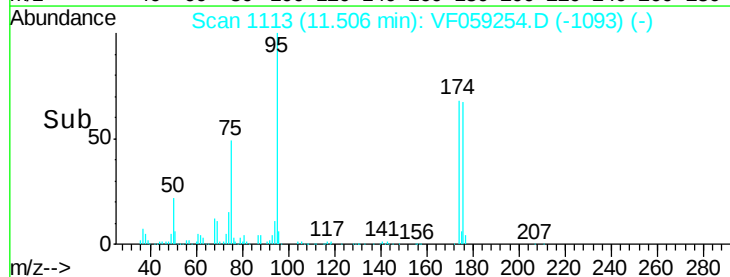
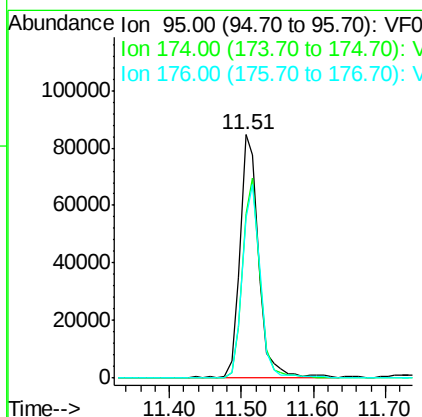
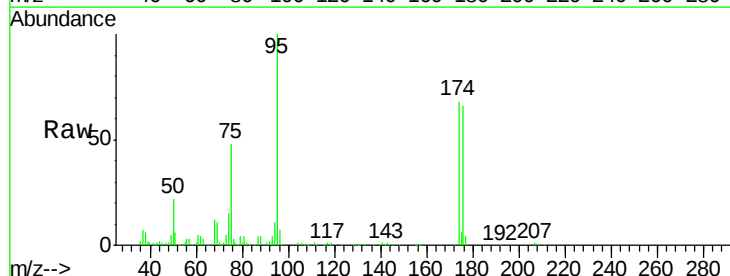
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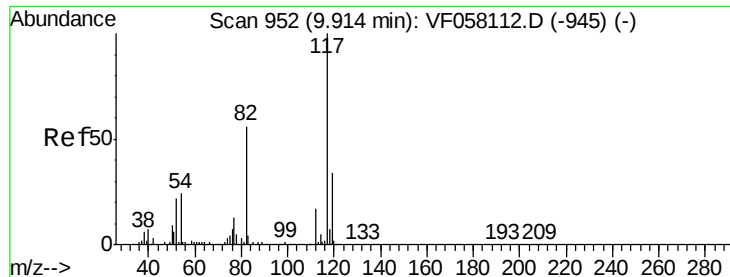
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#62
4-Bromofluorobenzene
Concen: 47.29 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059254.D
Acq: 21 Jun 2018 6:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		155733		
174	67.7	0.0	157.8		
176	66.1	0.0	155.8		





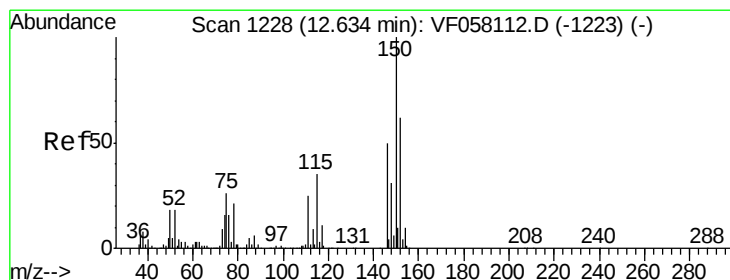
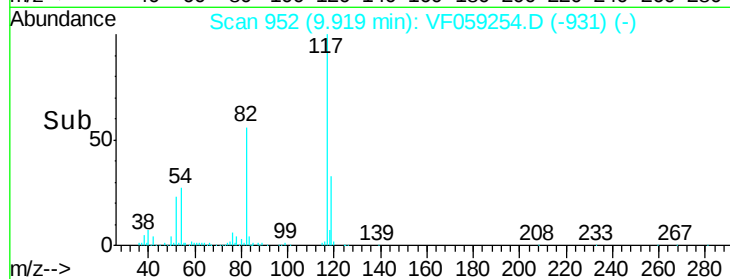
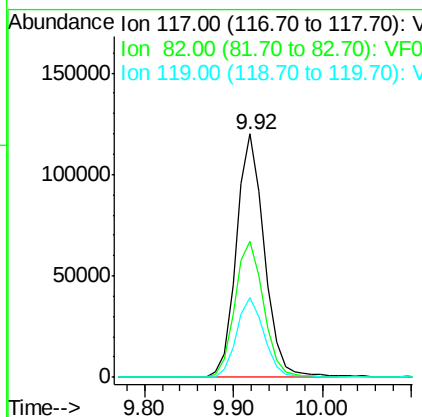
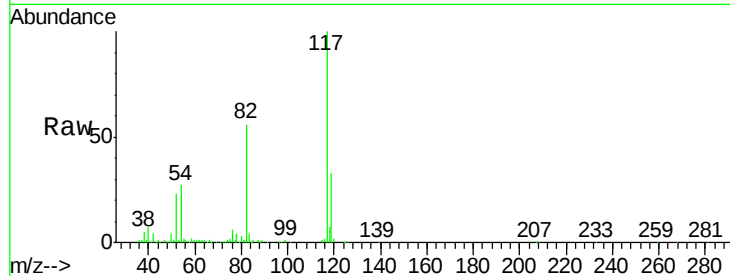
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059254.D
Acq: 21 Jun 2018 6:15

Instrument :
MSVOA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
117	100	262736		
82	55.7	45.2	67.8	
119	32.7	27.5	41.3	

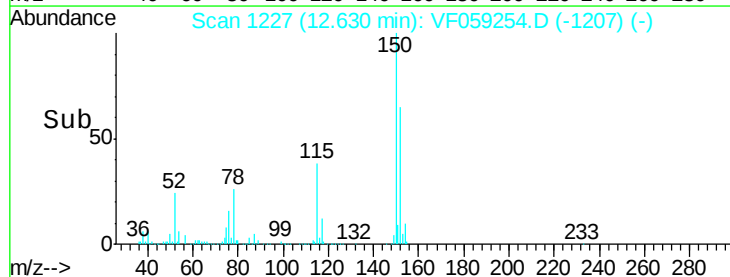
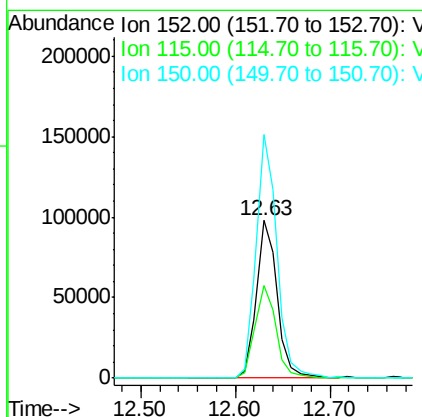
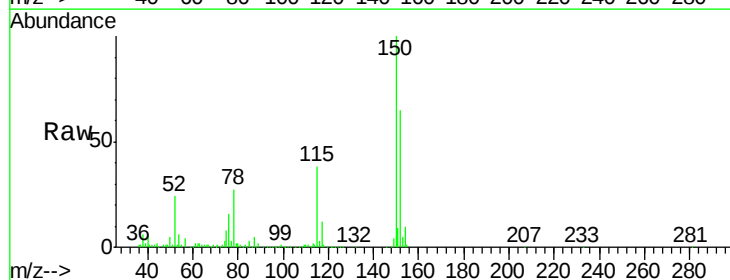
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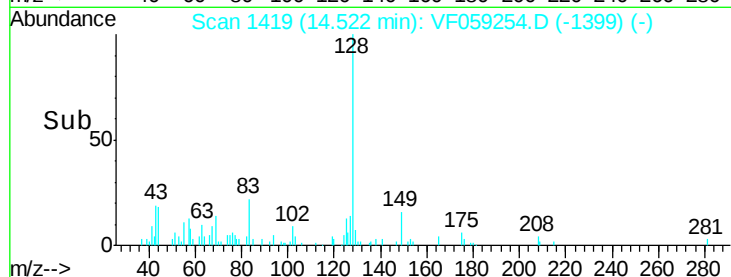
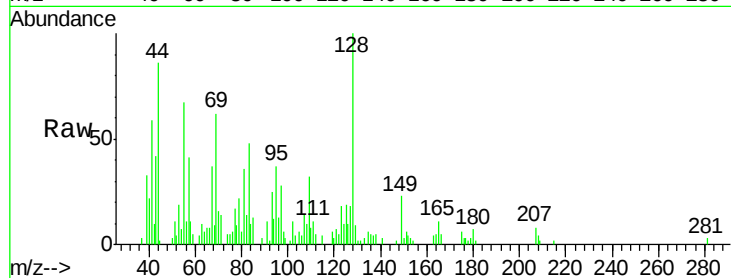
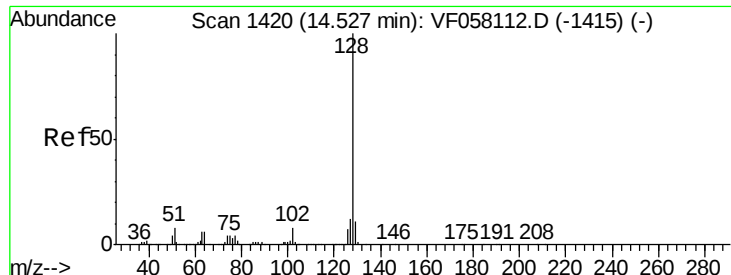
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059254.D
Acq: 21 Jun 2018 6:15

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	150423		
115	59.1	28.5	85.5	
150	154.6	0.0	323.8	





#95

Naphthalene

Concen: 1.07 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VF059254.D

Acq: 21 Jun 2018 6:15

Instrument :

MSVOA_F

ClientSampleId :

20180374-AMENDED-COMPOSITE-

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	17.6	9.9	14.9#
129	9.2	8.7	13.1

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