

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059486.D
 Acq On : 10 Jul 2018 16:05
 Operator : VA/AP
 Sample : J3897-01
 Misc : 4.99g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 STOCK-PILE-A

Manual Integrations
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Quant Time: Jul 10 18:30:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 06:35:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	227915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	336492	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	299099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	139281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	145711	36.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.52%	
35) Dibromofluoromethane	4.27	113	128487	39.80	ug/l	0.02
Spiked Amount 50.000			Recovery	=	79.60%	
50) Toluene-d8	7.69	98	254250	33.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.94%	
62) 4-Bromofluorobenzene	11.50	95	121913	28.77	ug/l	0.02
Spiked Amount 50.000			Recovery	=	57.54%	
Target Compounds						
20) Methylene Chloride	2.26	84	13063m	3.79	ug/l	Qvalue

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

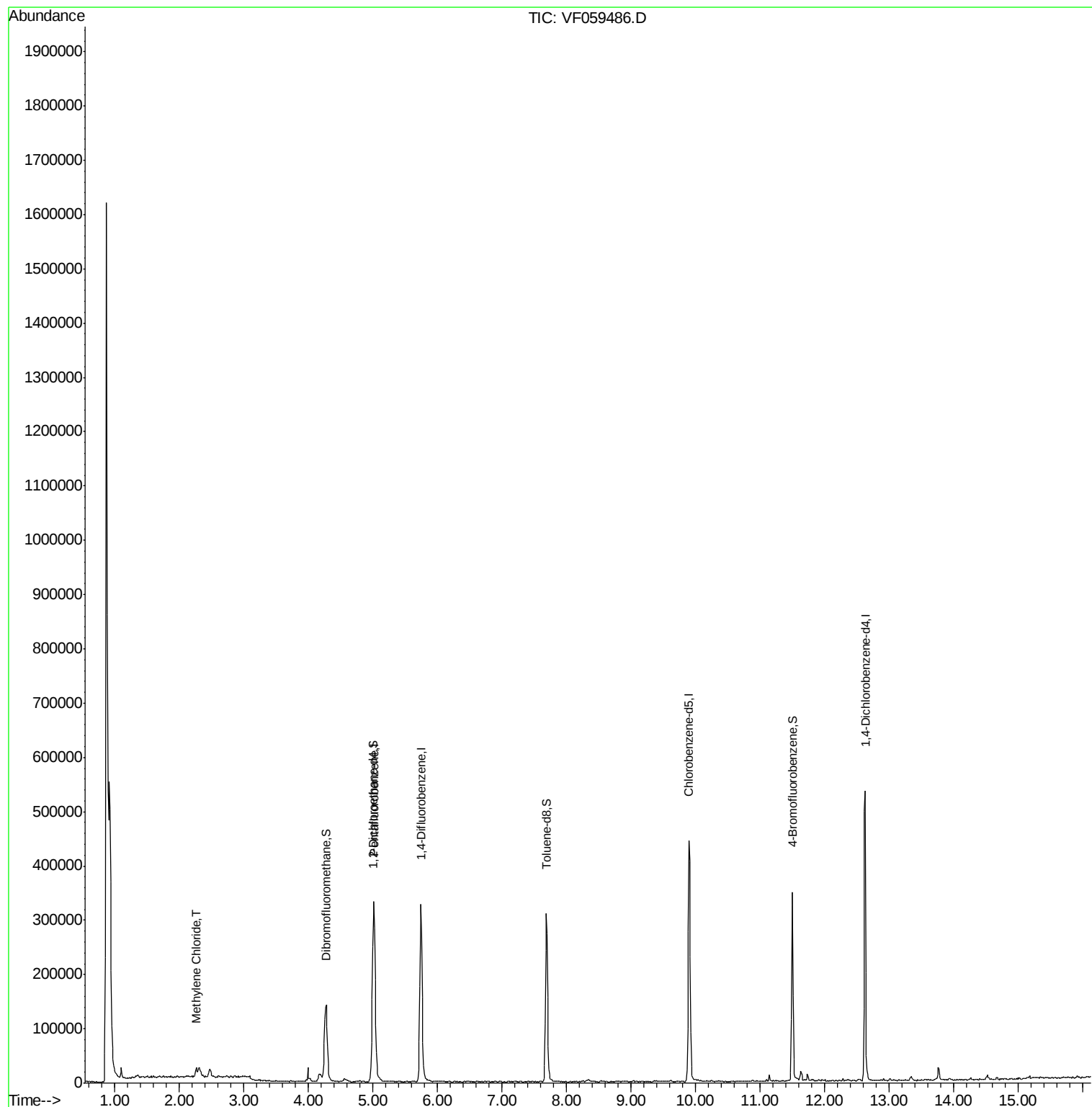
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071018\
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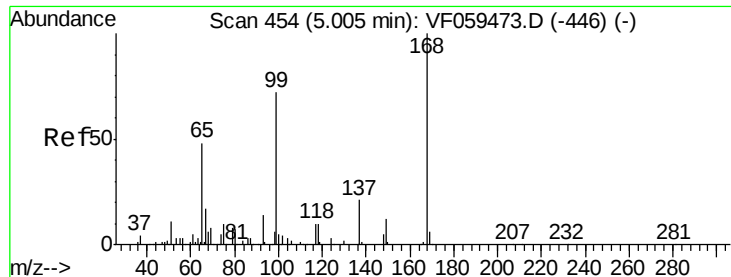
Instrument :
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Quant Time: Jul 10 18:30:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 06:35:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059486.D

Acq: 10 Jul 2018 16:05

Instrument :

MSVOA_F

ClientSampleId :

STOCK-PILE-A

Tot Ion:168 Resp: 227915

Ion Ratio Lower Upper

168 100

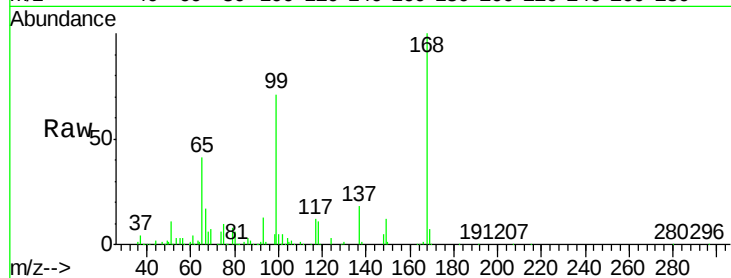
99 71.0 57.7 86.5

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

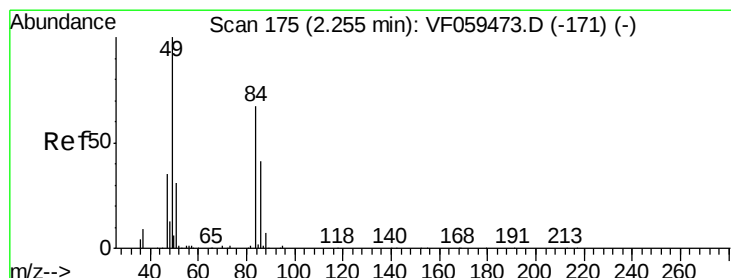
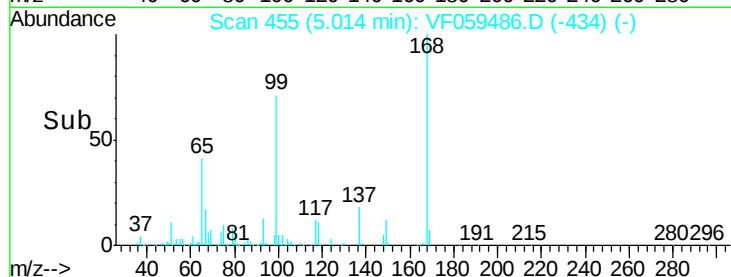
40000

20000

0

Time-->

4.90 5.01 5.10 5.20



#20

Methylene Chloride

Concen: 3.79 ug/l m

RT: 2.26 min Scan# 176

Delta R.T. 0.01 min

Lab File: VF059486.D

Acq: 10 Jul 2018 16:05

Tgt Ion: 84 Resp: 13063

Ion Ratio Lower Upper

84 100

49 170.7 120.4 180.6

51 62.5 38.1 57.1#

86 58.8 49.0 73.4

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

8000

6000

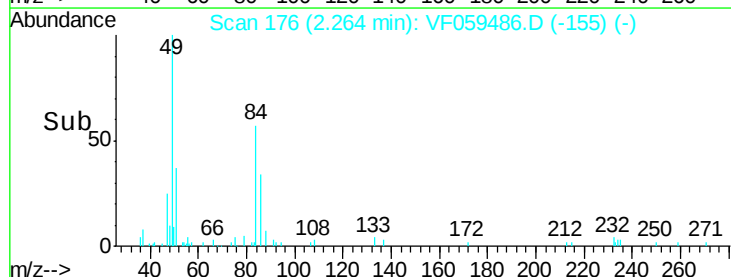
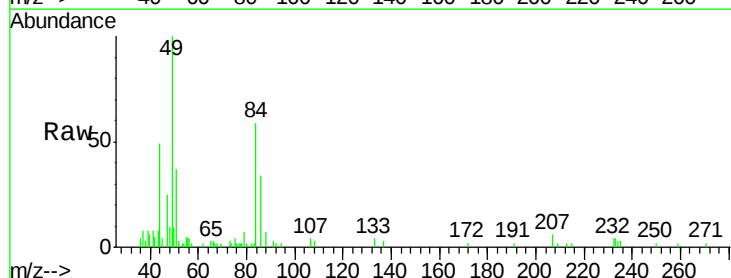
4000

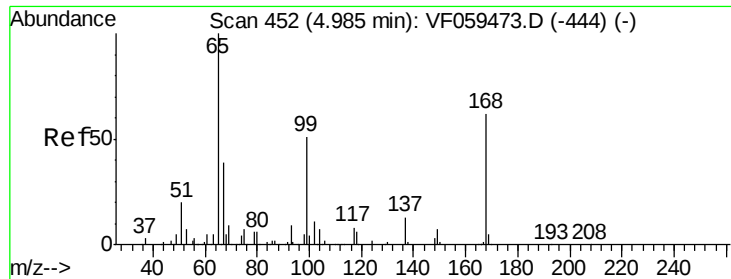
2000

0

Time-->

2.20 2.26 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 36.76 ug/l

RT: 4.99 min Scan# 453

Delta R.T. 0.01 min

Lab File: VF059486.D

Acq: 10 Jul 2018 16:05

Instrument :

MSVOA_F

ClientSampleId :

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Tot Ion: 65 Resp: 145711

Ion Ratio Lower Upper

65 100

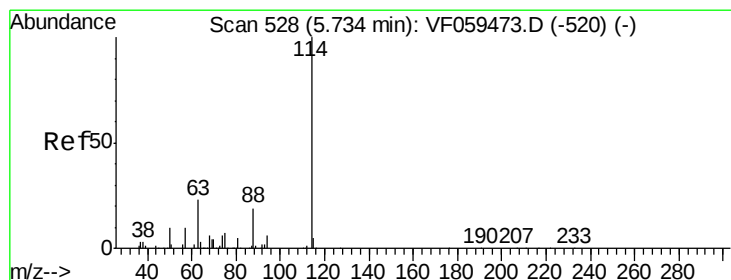
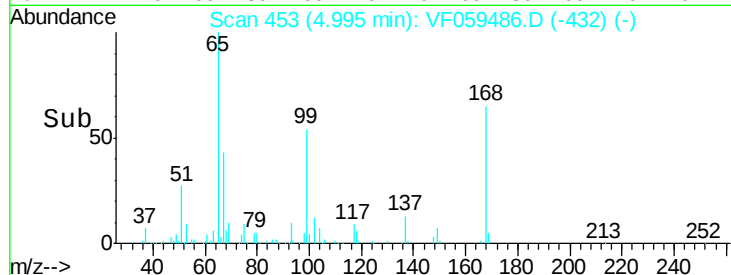
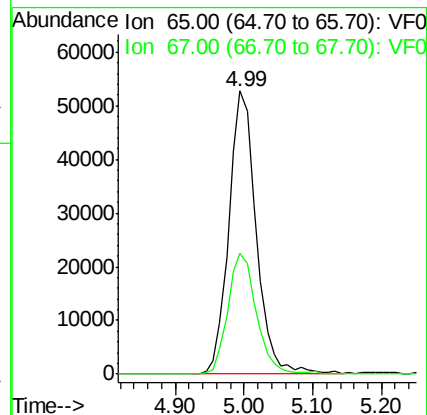
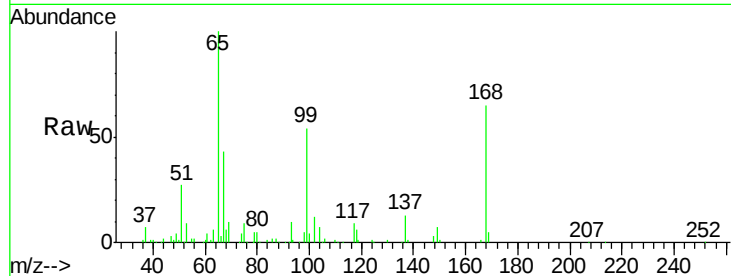
67 42.9 0.0 88.6

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 529

Delta R.T. 0.01 min

Lab File: VF059486.D

Acq: 10 Jul 2018 16:05

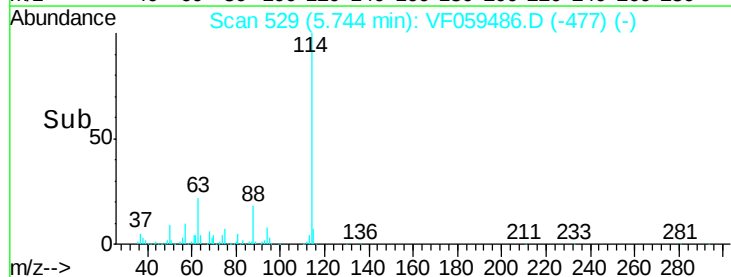
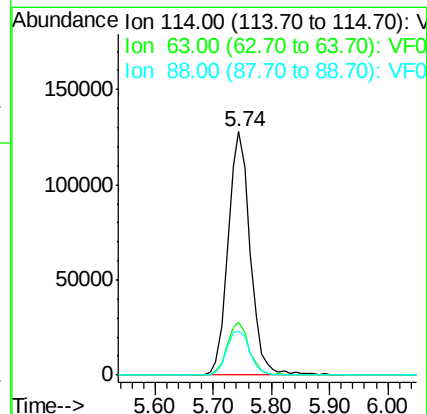
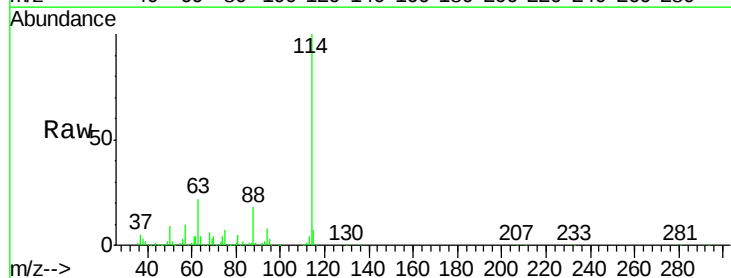
Tgt Ion: 114 Resp: 336492

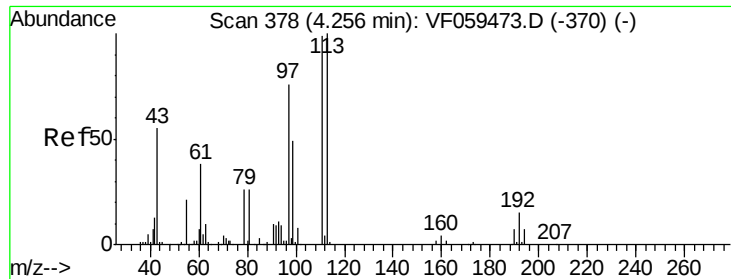
Ion Ratio Lower Upper

114 100

63 21.5 0.0 47.2

88 18.1 0.0 38.0





#35

Dibromofluoromethane

Concen: 39.80 ug/l

RT: 4.27 min Scan# 380

Delta R.T. 0.02 min

Lab File: VF059486.D

Acq: 10 Jul 2018 16:05

Instrument :

MSVOA_F

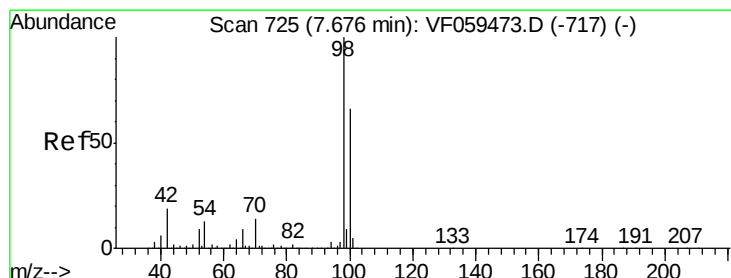
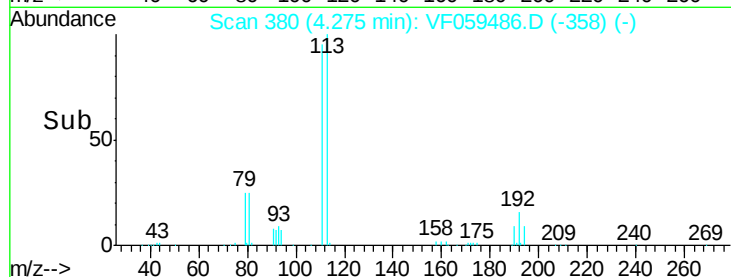
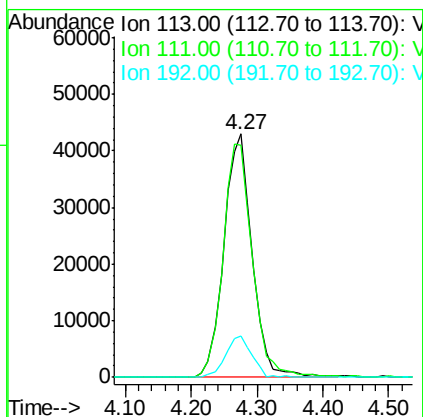
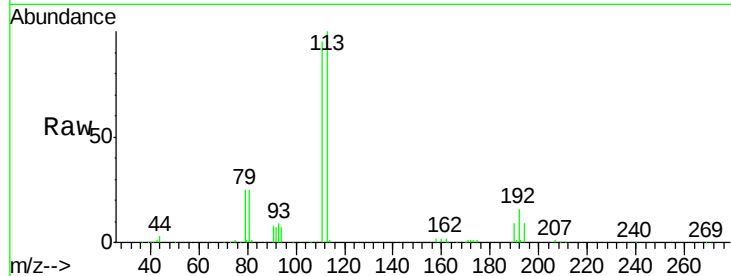
ClientSampleId :

STOCK-PILE-A

Tot Ion:	113	Resp:	128487
Ion Ratio	Lower	Upper	
113	100		
111	95.1	79.3	118.9
192	17.0	12.0	18.0

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#50

Toluene-d8

Concen: 33.47 ug/l

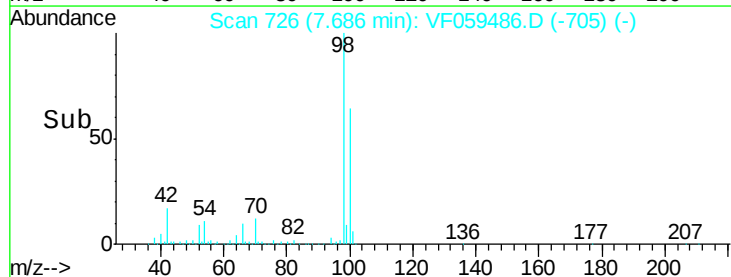
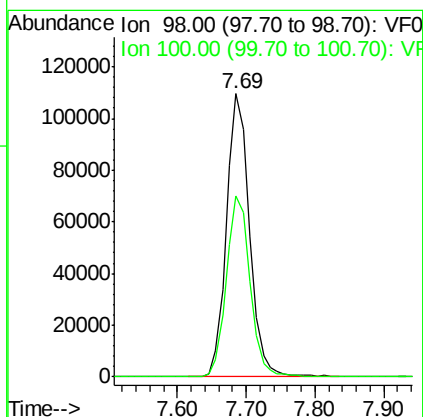
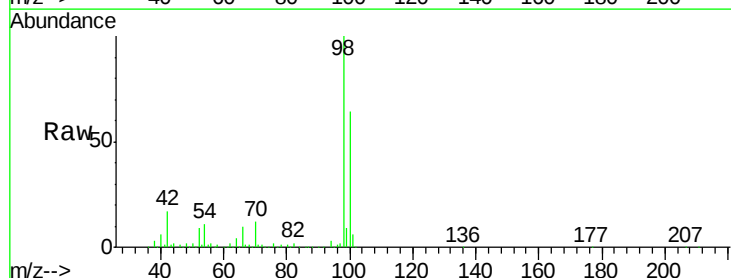
RT: 7.69 min Scan# 726

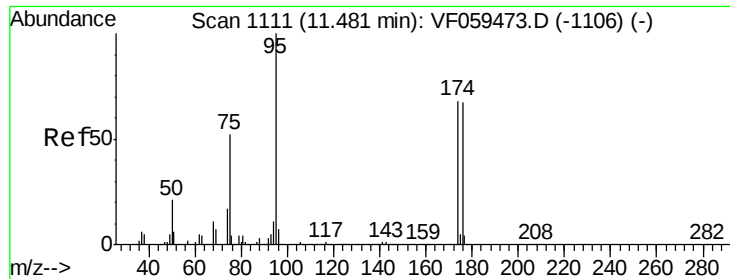
Delta R.T. 0.01 min

Lab File: VF059486.D

Acq: 10 Jul 2018 16:05

Tgt Ion:	98	Resp:	254250
Ion Ratio	Lower	Upper	
98	100		
100	63.8	52.6	78.8





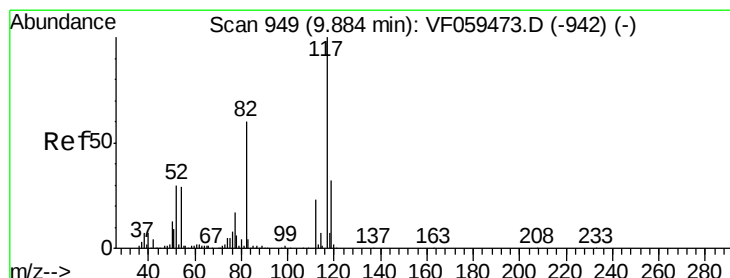
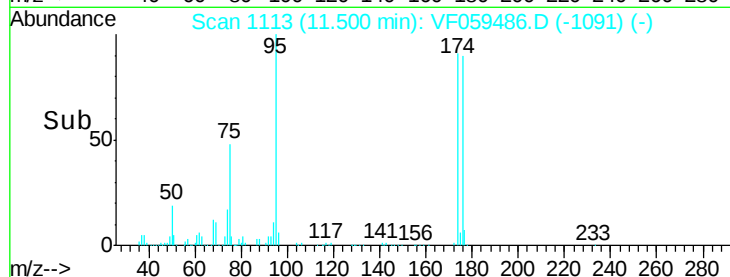
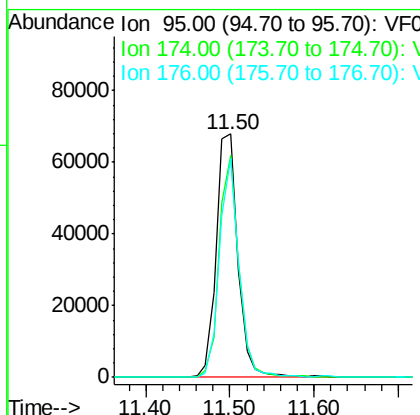
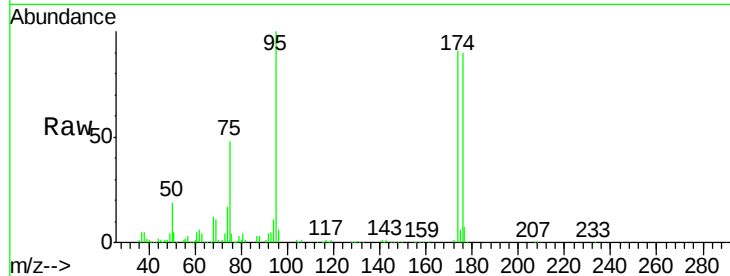
#62
 4-Bromofluorobenzene
 Concen: 28.77 ug/l
 RT: 11.50 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: VF059486.D
 Acq: 10 Jul 2018 16:05

Instrument :
 MSVOA_F
 ClientSampleId :
 STOCK-PILE-A

Tot Ion	Ratio	Resp	Lower	Upper
95	100	121913		
174	91.3	0.0	137.0	
176	90.2	0.0	133.8	

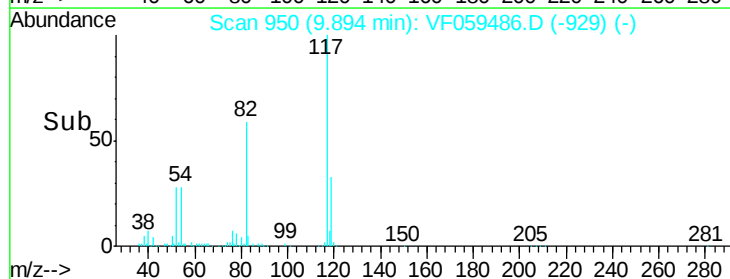
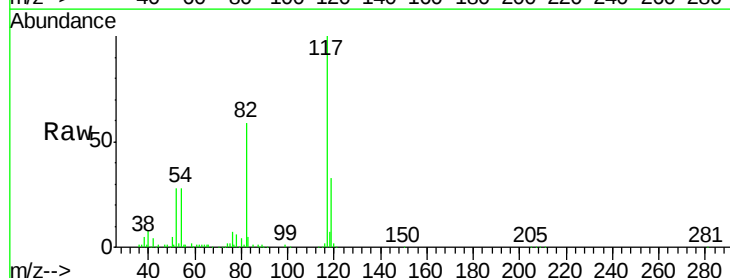
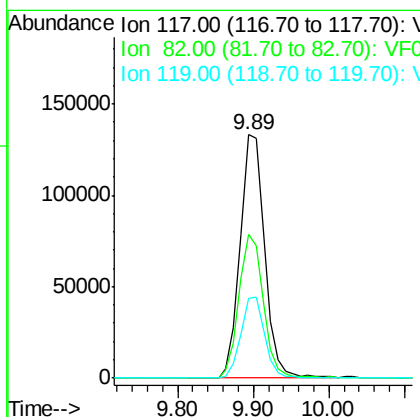
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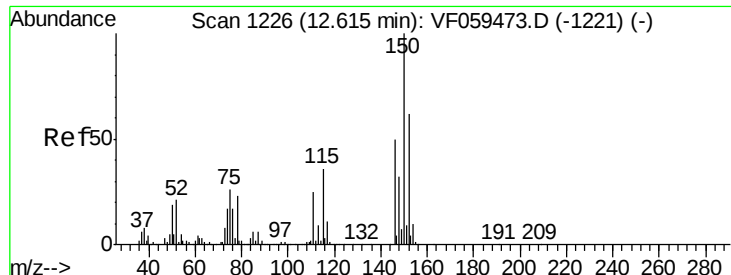
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#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 9.89 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: VF059486.D
 Acq: 10 Jul 2018 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	299099		
82	59.0	48.2	72.4	
119	33.0	25.7	38.5	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. 0.01 min

Lab File: VF059486.D

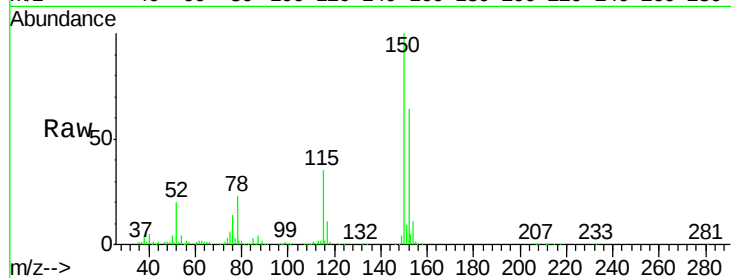
Acq: 10 Jul 2018 16:05

Instrument :

MSVOA_F

ClientSampleId :

STOCK-PILE-A



Tot Ion	Ratio	Resp	Lower	Upper
152	100	139281		
115	55.7	28.7	86.3	
150	157.4	0.0	323.8	

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