

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062118\
 Data File : VF059276.D
 Acq On : 21 Jun 2018 22:46
 Operator : VA/AP
 Sample : J3570-03RE
 Misc : 5.14g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 20180373-AMENDED-COMPOSITE-

Quant Time: Jun 22 07:56:11 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

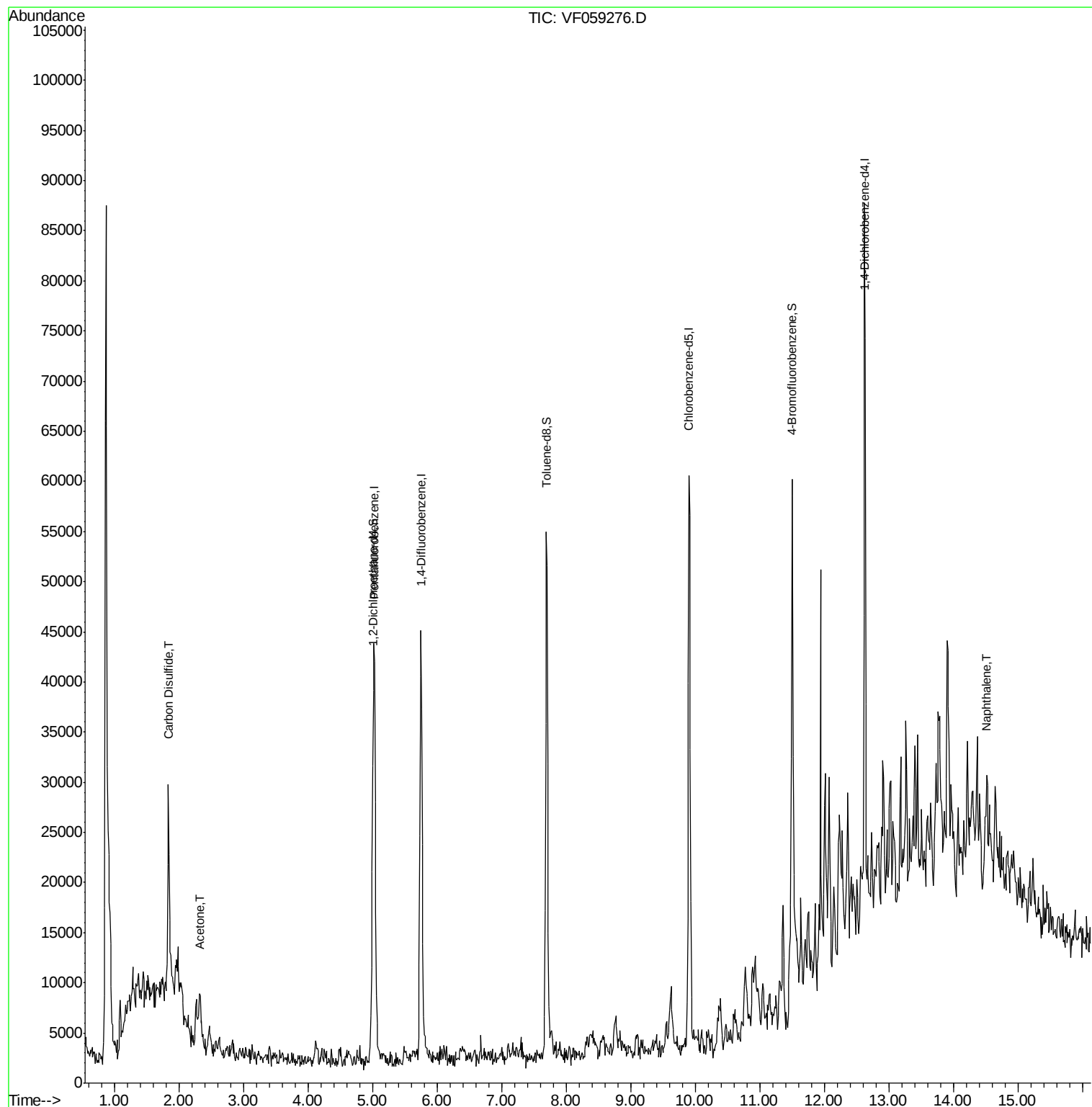
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	32147	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	46144	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	38729	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	18993	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	15408	33.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	66.78%	
35) Dibromofluoromethane	4.28	113	84	0.22	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	0.44%	
50) Toluene-d8	7.69	98	42390	42.93	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.86%	
62) 4-Bromofluorobenzene	11.50	95	21644	39.53	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	79.06%	
Target Compounds						
16) Acetone	2.32	43	8689	79.67	ug/l	94
17) Carbon Disulfide	1.84	76	25104	45.36	ug/l	98
95) Naphthalene	14.51	128	3407	3.61	ug/l #	85

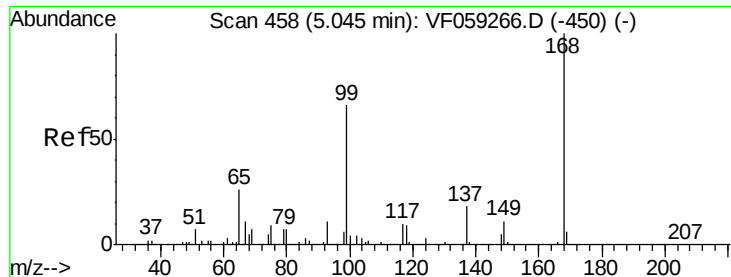
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

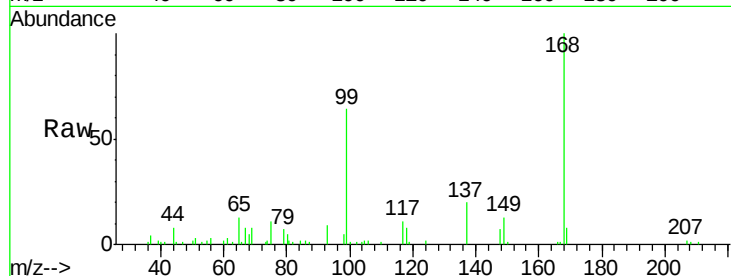
20180373-AMENDED-COMPOSITE-

Tot Ion:168 Resp: 32147

Ion Ratio Lower Upper

168 100

99 63.8 52.6 78.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

12000

10000

8000

6000

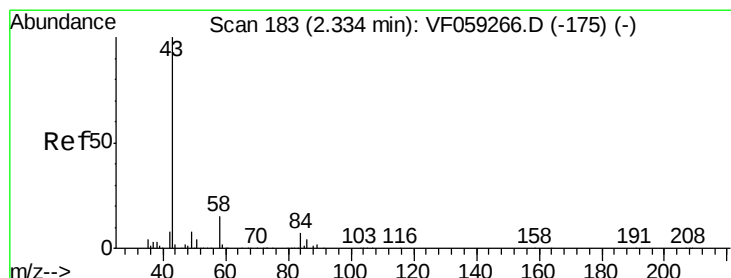
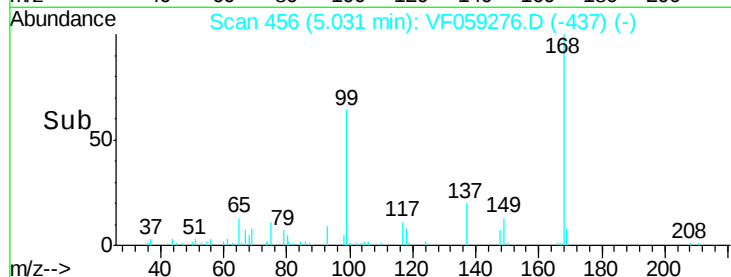
4000

2000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 79.67 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.01 min

Lab File: VF059276.D

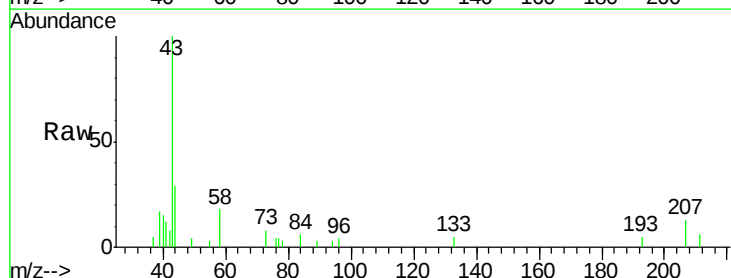
Acq: 21 Jun 2018 22:46

Tgt Ion: 43 Resp: 8689

Ion Ratio Lower Upper

43 100

58 17.6 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

3000

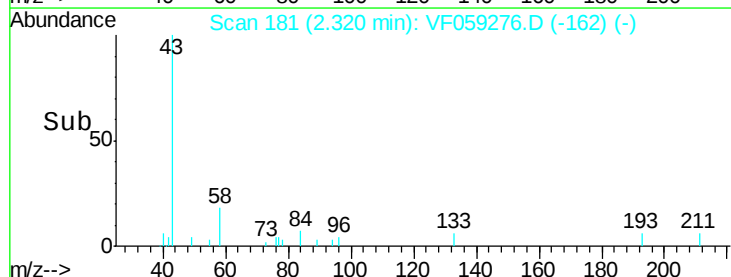
2000

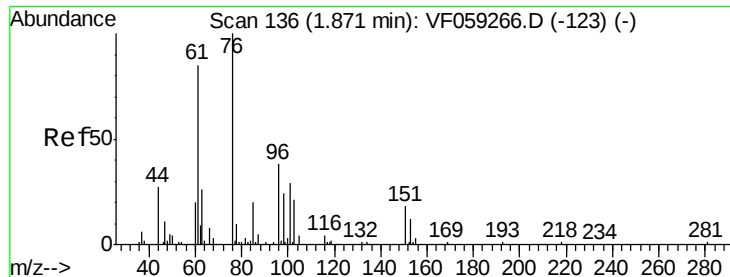
1000

0

Time-->

2.20 2.25 2.30 2.35 2.40





#17

Carbon Disulfide

Concen: 45.36 ug/l

RT: 1.84 min Scan# 132

Delta R.T. -0.03 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

Instrument :

MSVOA_F

ClientSampleId :

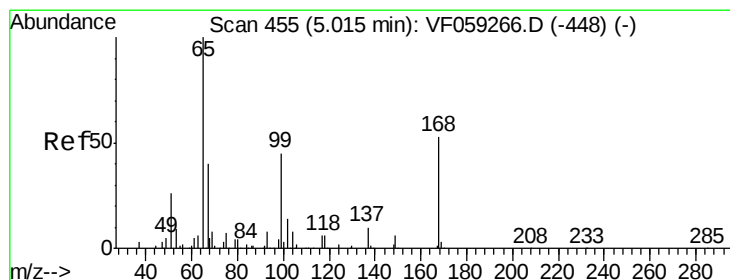
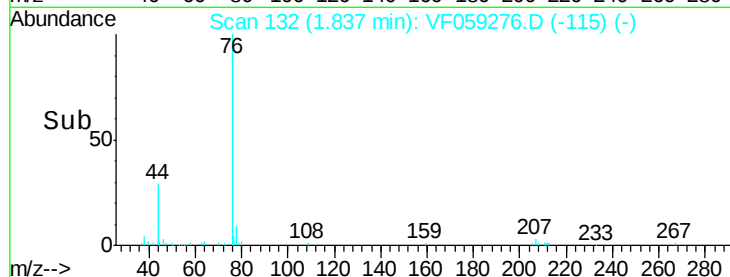
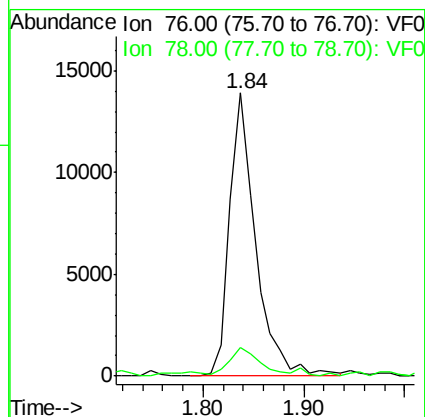
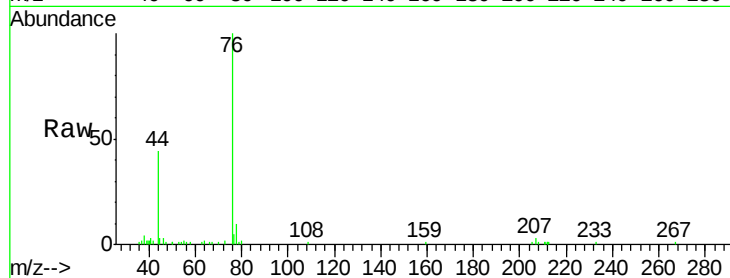
20180373-AMENDED-COMPOSITE-

Tot Ion: 76 Resp: 25104

Ion Ratio Lower Upper

76 100

78 10.0 8.6 12.8



#33

1,2-Dichloroethane-d4

Concen: 33.39 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059276.D

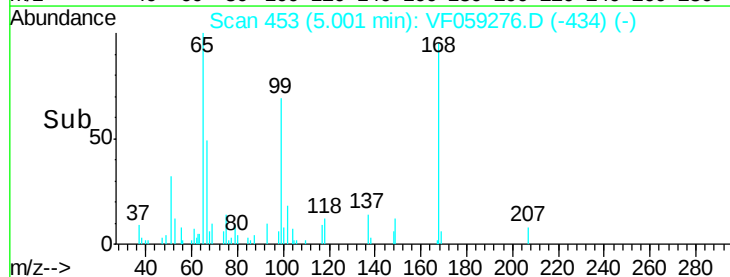
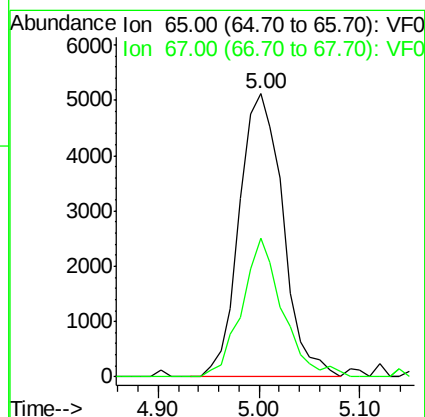
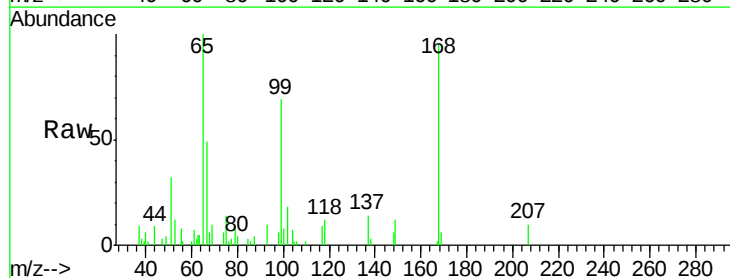
Acq: 21 Jun 2018 22:46

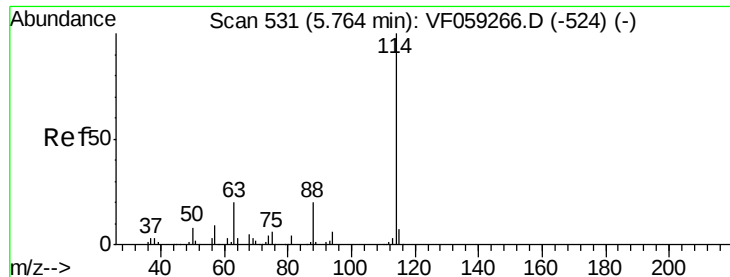
Tgt Ion: 65 Resp: 15408

Ion Ratio Lower Upper

65 100

67 49.1 0.0 95.8

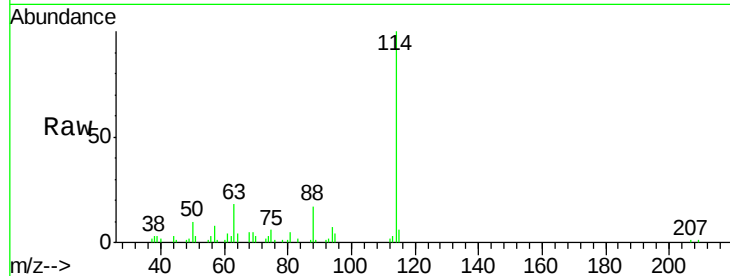




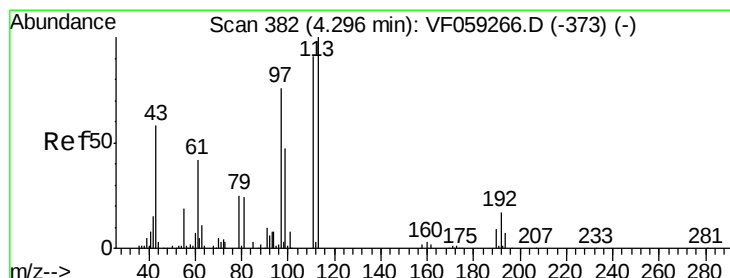
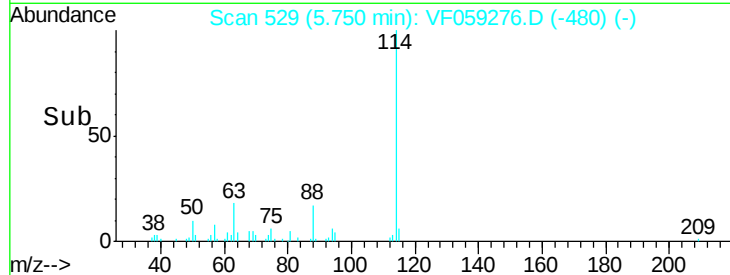
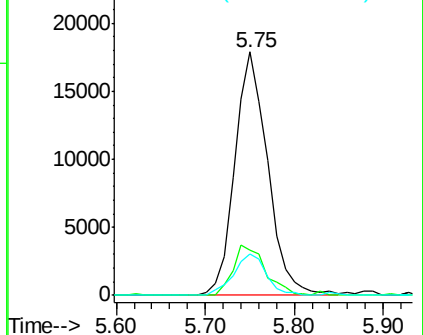
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VF059276.D
 Acq: 21 Jun 2018 22:46

Instrument :
 MSVOA_F
 ClientSampleId :
 20180373-AMENDED-COMPOSITE-

Tot Ion:114 Resp: 46144
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 41.0
 88 17.1 0.0 39.6

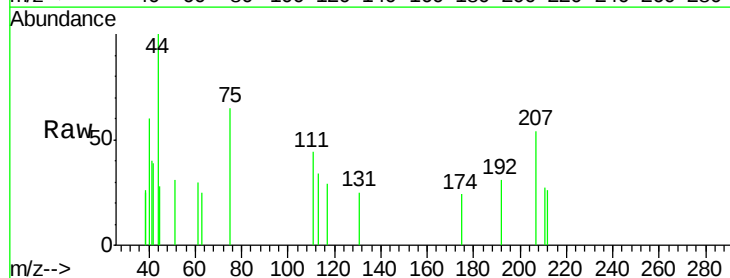


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

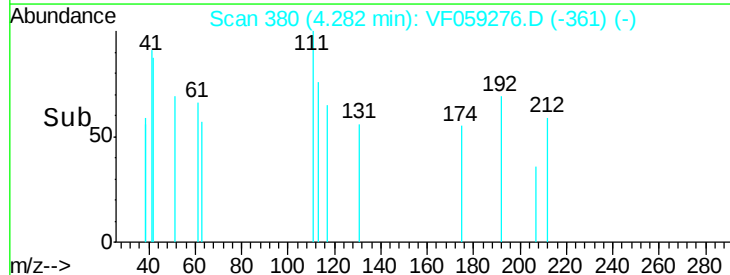
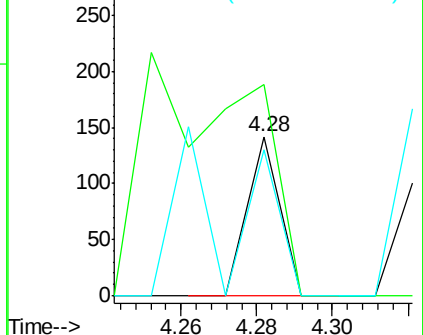


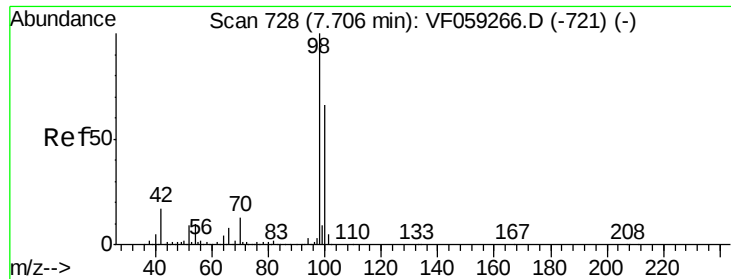
#35
 Dibromofluoromethane
 Concen: 0.22 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VF059276.D
 Acq: 21 Jun 2018 22:46

Tgt Ion:113 Resp: 84
 Ion Ratio Lower Upper
 113 100
 111 132.4 73.1 109.7#
 192 91.5 13.9 20.9#



Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

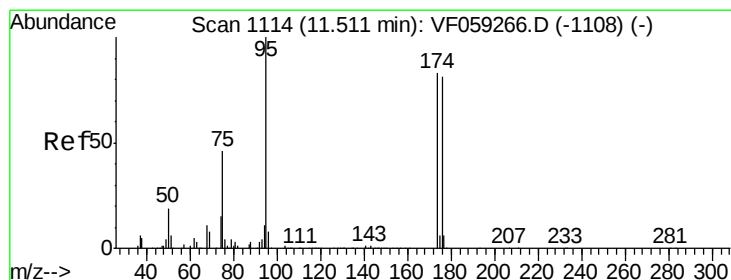
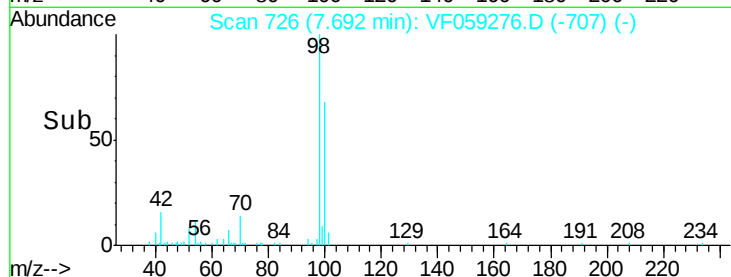
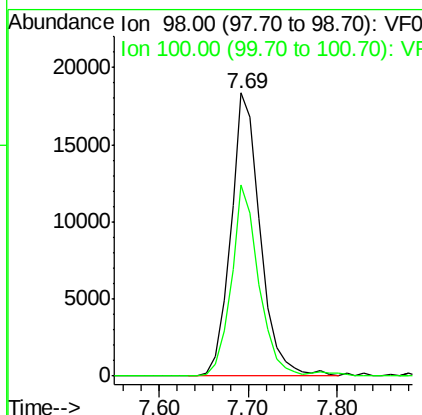
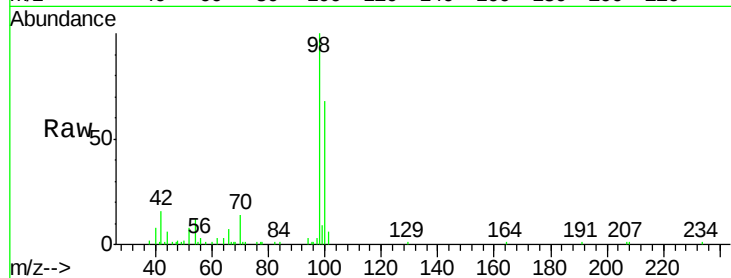




#50
Toluene-d8
Concen: 42.93 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.01 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

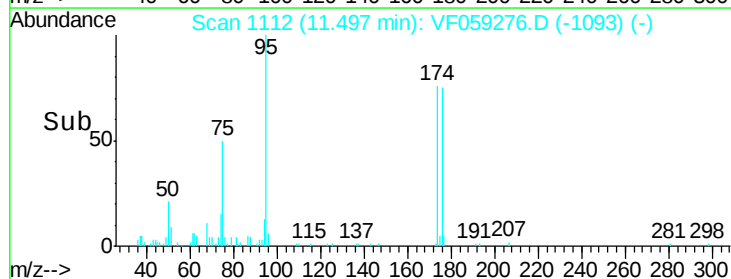
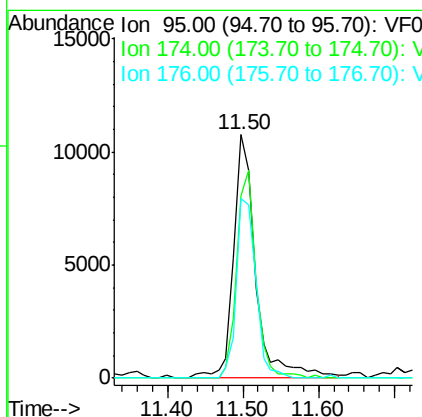
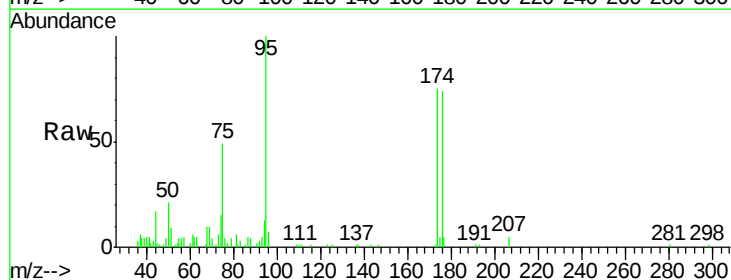
Instrument :
MSVOA_F
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20180373-AMENDED-COMPOSITE-

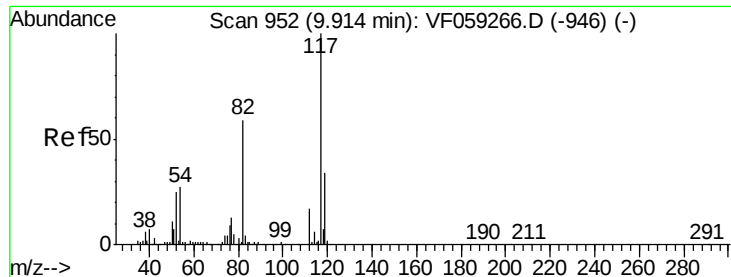
Tot Ion: 98 Resp: 42390
Ion Ratio Lower Upper
98 100
100 67.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 39.53 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

Tgt Ion: 95 Resp: 21644
Ion Ratio Lower Upper
95 100
174 74.7 0.0 166.2
176 73.9 0.0 162.8

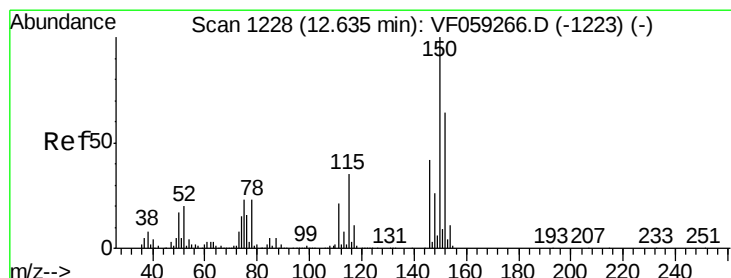
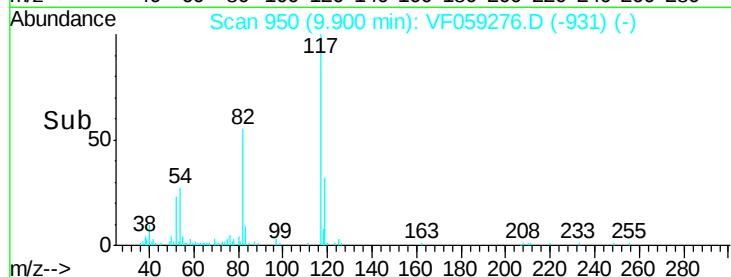
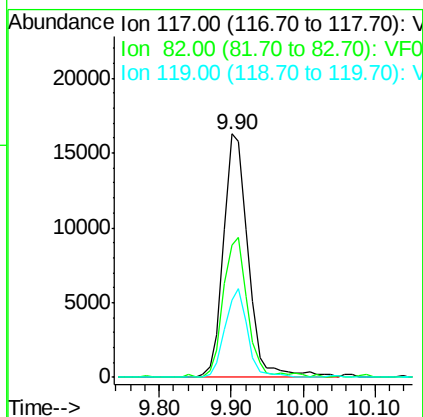
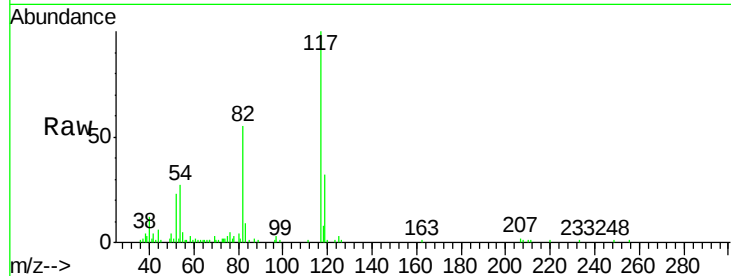




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

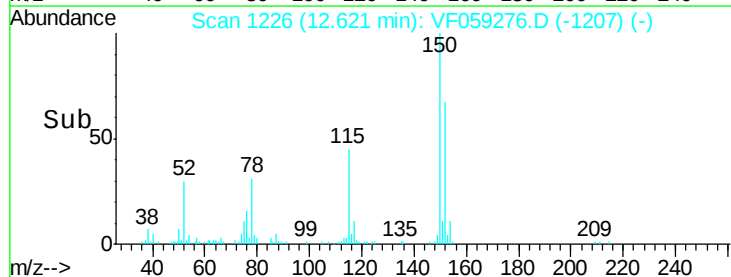
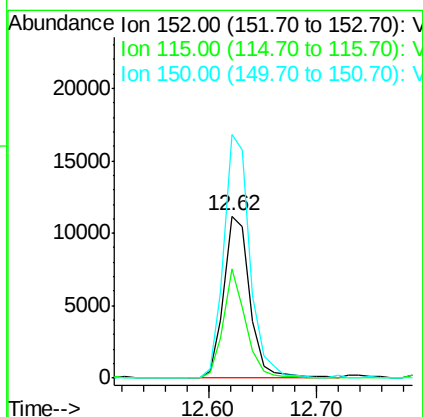
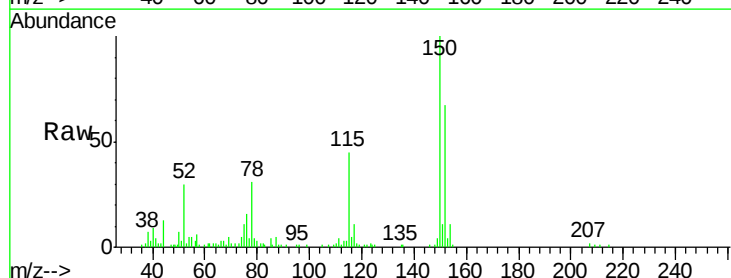
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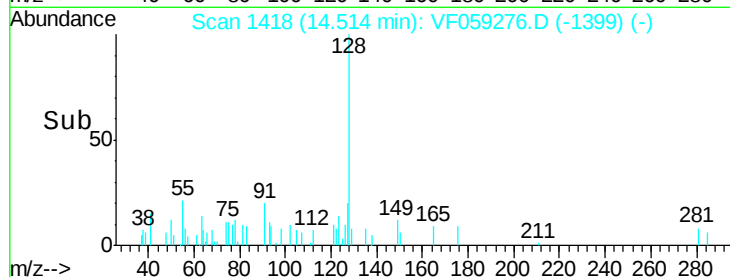
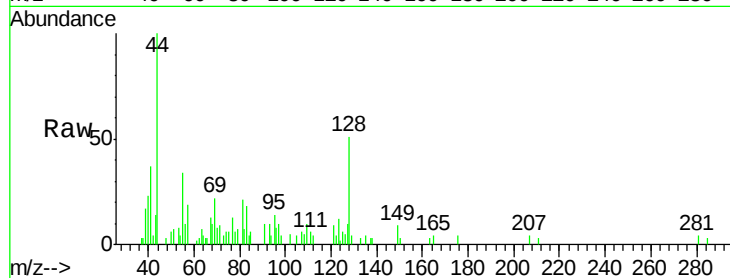
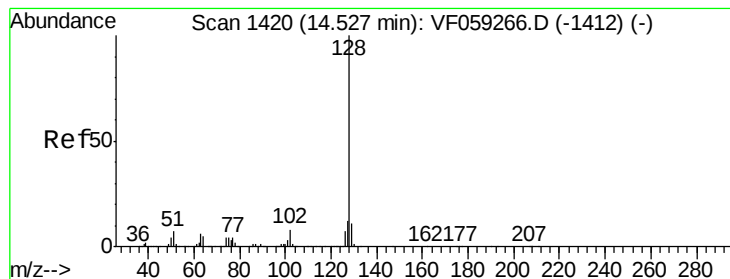
Tot Ion:117 Resp: 38729
Ion Ratio Lower Upper
117 100
82 54.5 47.1 70.7
119 31.6 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059276.D
Acq: 21 Jun 2018 22:46

Tgt Ion:152 Resp: 18993
Ion Ratio Lower Upper
152 100
115 67.2 27.8 83.3
150 150.3 0.0 313.8





#95

Naphthalene

Concen: 3.61 ug/l

RT: 14.51 min Scan# 1418

Delta R.T. -0.01 min

Lab File: VF059276.D

Acq: 21 Jun 2018 22:46

Instrument :

MSVOA_F

ClientSampleId :

20180373-AMENDED-COMPOSITE-

Tot Ion:128 Resp: 3407

Ion Ratio Lower Upper

128 100

127 19.8 9.6 14.4#

129 7.6 9.0 13.4#

