

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059487.D
 Acq On : 10 Jul 2018 16:33
 Operator : VA/AP
 Sample : J3879-06RE
 Misc : 5.14g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SURCHARGE-SP-3RE

Quant Time: Jul 10 18:37:20 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	5.03	168	203482	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.74	114	279284	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.90	117	233549	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	89944	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	120419	34.02	ug/l	0.02
Spiked Amount	50.000		Recovery	=	68.04%	
35) Dibromofluoromethane	4.28	113	103903	38.77	ug/l	0.02
Spiked Amount	50.000		Recovery	=	77.54%	
50) Toluene-d8	7.69	98	202219	32.08	ug/l	0.01
Spiked Amount	50.000		Recovery	=	64.16%	
62) 4-Bromofluorobenzene	11.50	95	82025	23.33	ug/l	0.02
Spiked Amount	50.000		Recovery	=	46.66%	

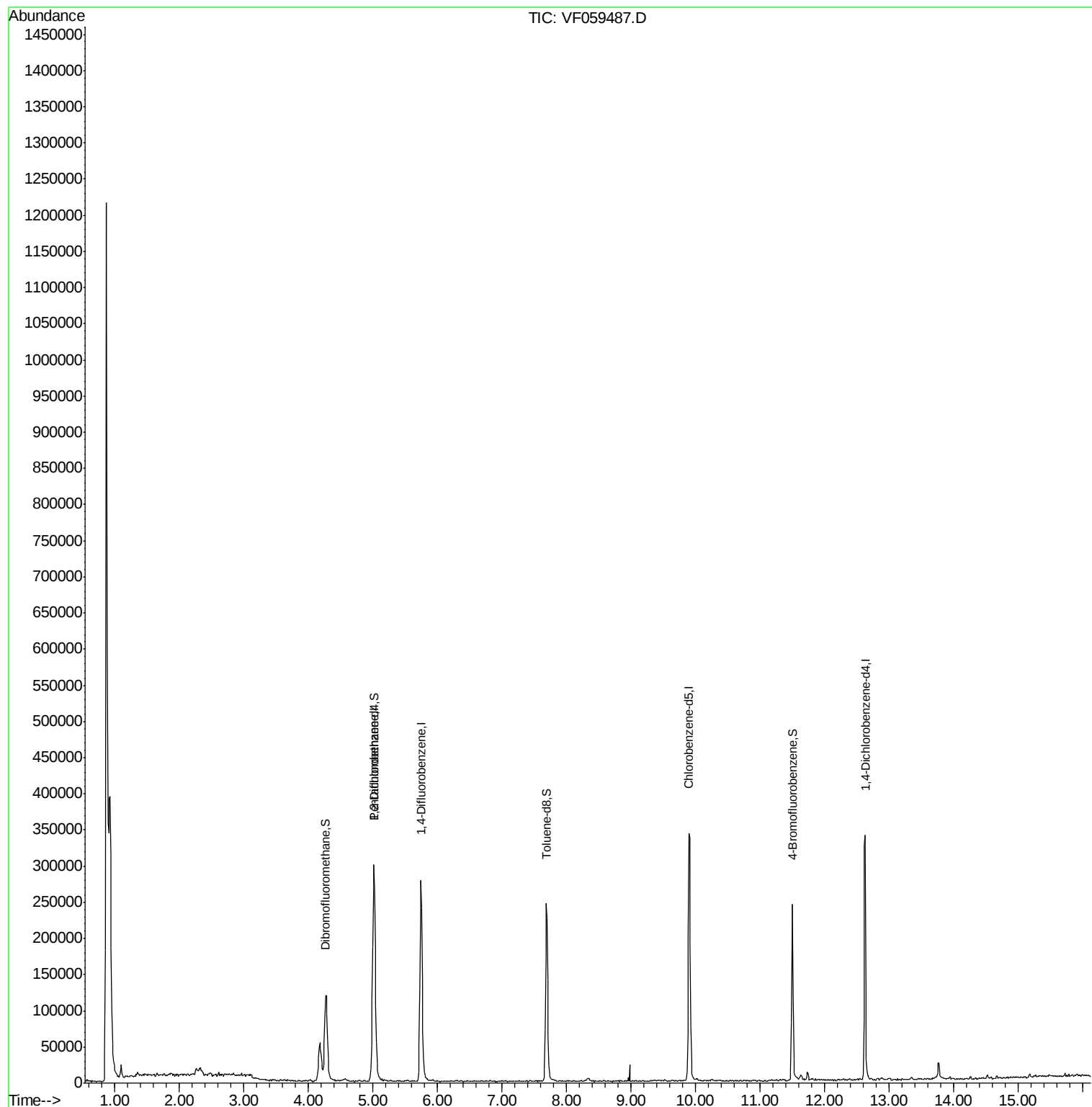
Target Compounds	Qvalue

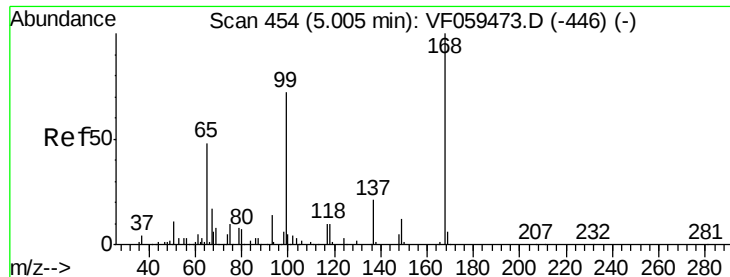
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 06:35:36 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.02 min

Lab File: VF059487.D

Acq: 10 Jul 2018 16:33

Instrument :

MSVOA_F

ClientSampleId :

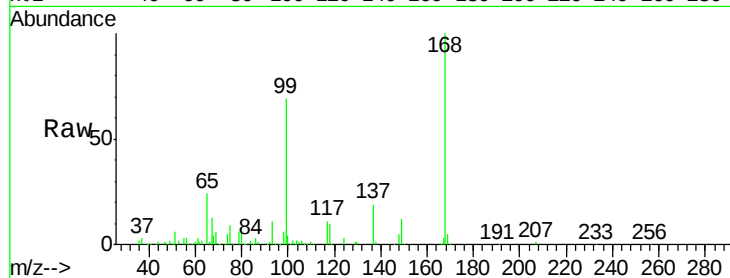
SURCHARGE-SP-3RE

Tot Ion:168 Resp: 203482

Ion Ratio Lower Upper

168 100

99 69.3 57.7 86.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

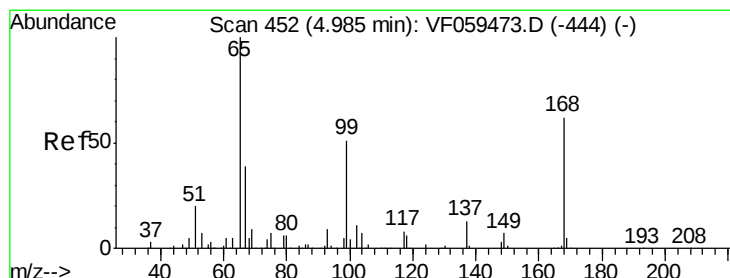
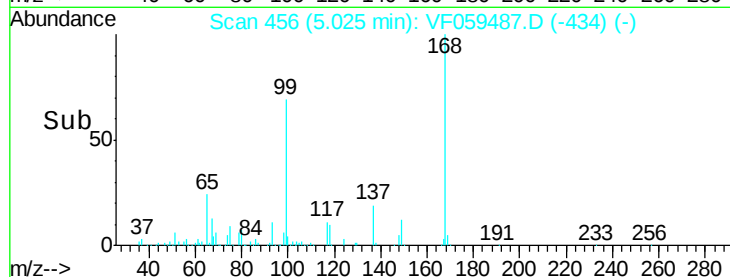
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 34.02 ug/l

RT: 5.01 min Scan# 454

Delta R.T. 0.02 min

Lab File: VF059487.D

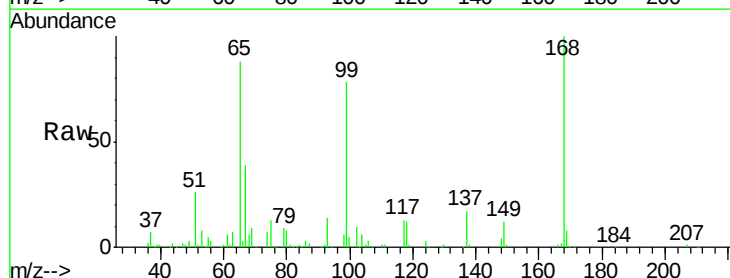
Acq: 10 Jul 2018 16:33

Tgt Ion: 65 Resp: 120419

Ion Ratio Lower Upper

65 100

67 43.6 0.0 88.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

50000

40000

30000

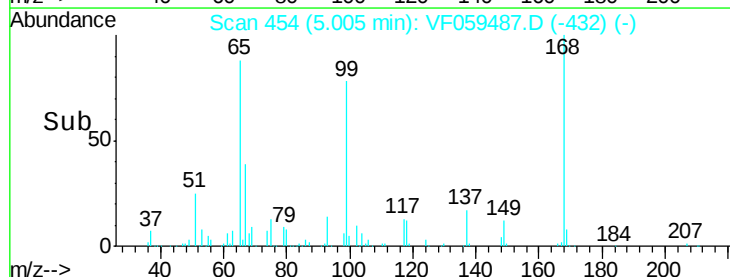
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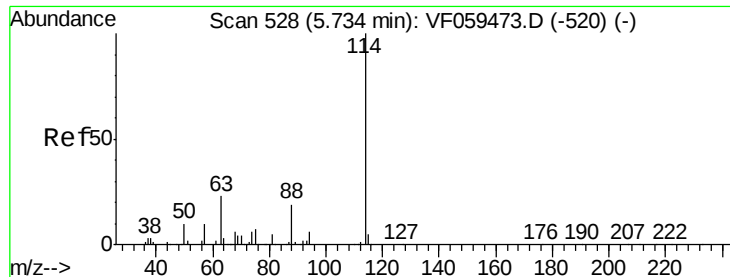
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0

Time-->

4.80 4.90 5.00 5.10 5.20

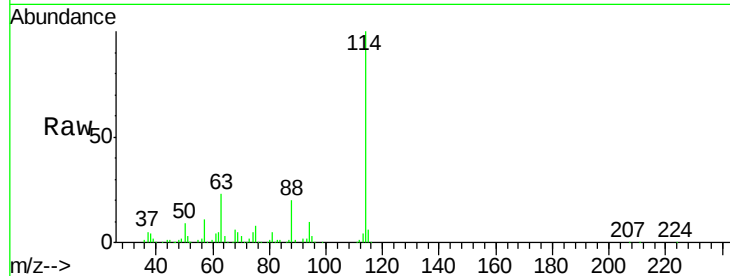




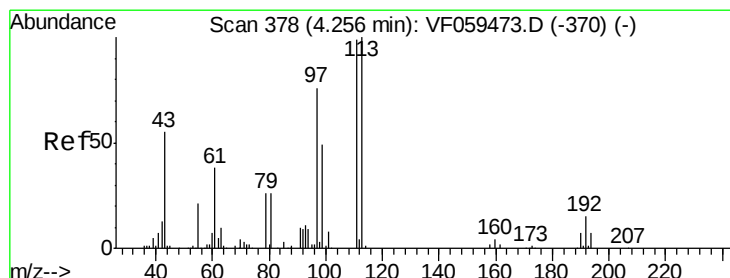
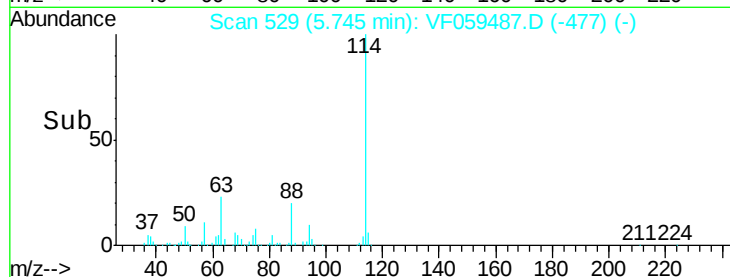
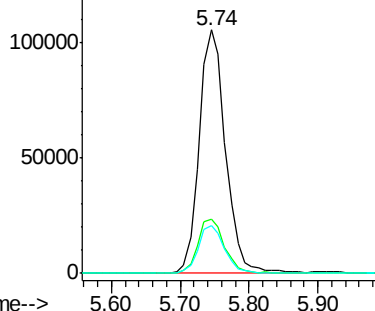
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.74 min Scan# 529
 Delta R.T. 0.01 min
 Lab File: VF059487.D
 Acq: 10 Jul 2018 16:33

Instrument :
 MSVOA_F
 ClientSampleId :
 SURCHARGE-SP-3RE

Tot Ion:114 Resp: 279284
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.2
 88 19.7 0.0 38.0

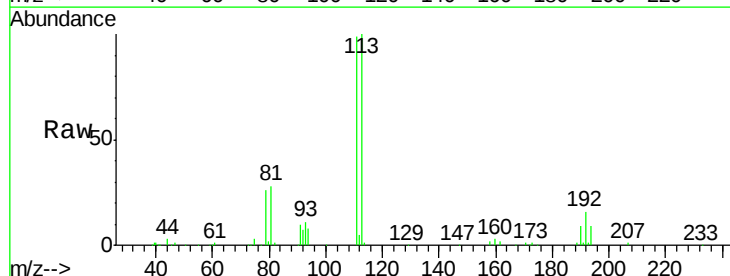


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

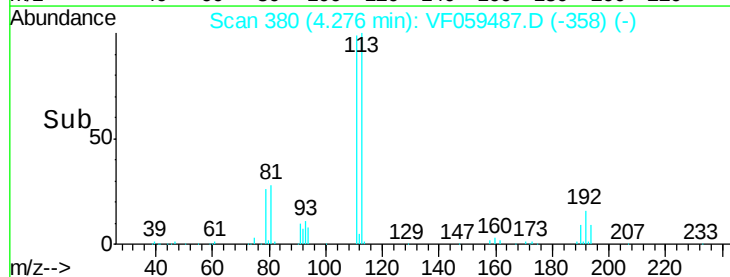
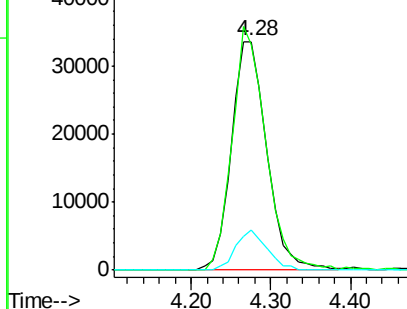


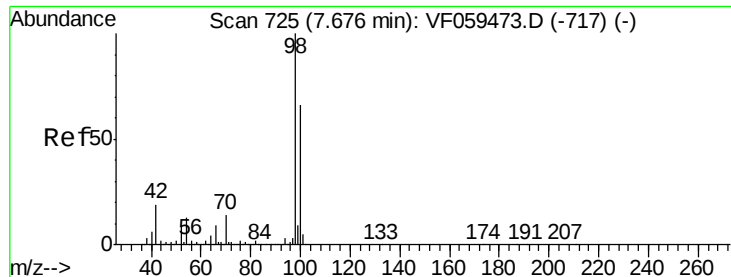
#35
 Dibromofluoromethane
 Concen: 38.77 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. 0.02 min
 Lab File: VF059487.D
 Acq: 10 Jul 2018 16:33

Tgt Ion:113 Resp: 103903
 Ion Ratio Lower Upper
 113 100
 111 99.0 79.3 118.9
 192 17.4 12.0 18.0



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: 32.08 ug/l

RT: 7.69 min Scan# 726

Delta R.T. 0.01 min

Lab File: VF059487.D

Acq: 10 Jul 2018 16:33

Instrument :

MSVOA_F

ClientSampleId :

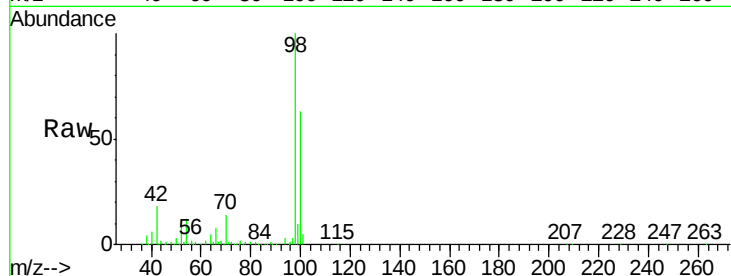
SURCHARGE-SP-3RE

Tot Ion: 98 Resp: 202219

Ion Ratio Lower Upper

98 100

100 63.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.69

80000

60000

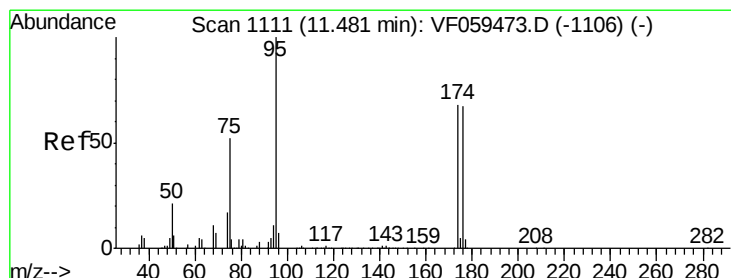
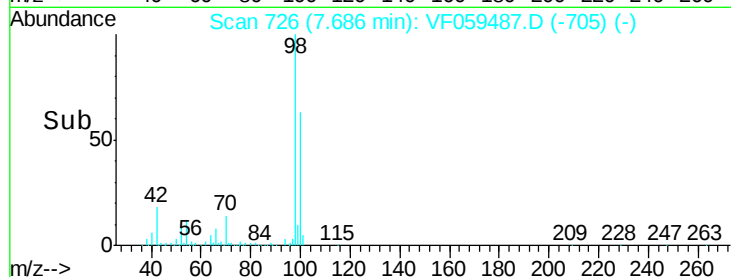
40000

20000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 23.33 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF059487.D

Acq: 10 Jul 2018 16:33

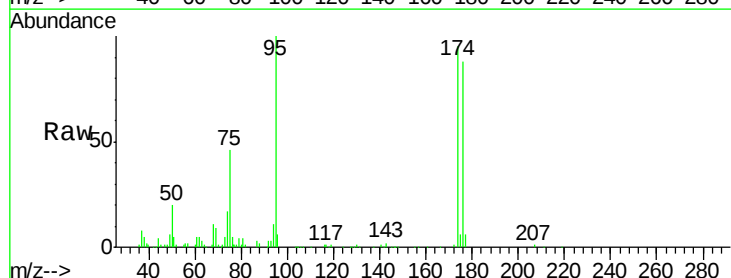
Tgt Ion: 95 Resp: 82025

Ion Ratio Lower Upper

95 100

174 94.6 0.0 137.0

176 88.1 0.0 133.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

60000

50000

40000

30000

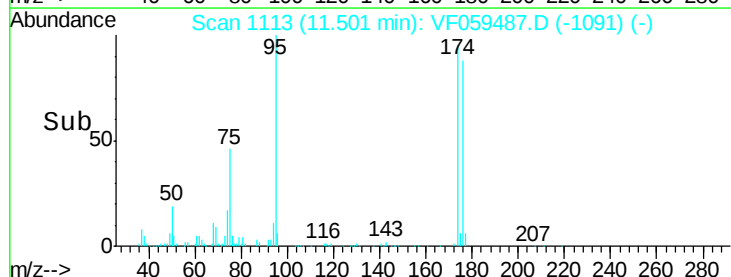
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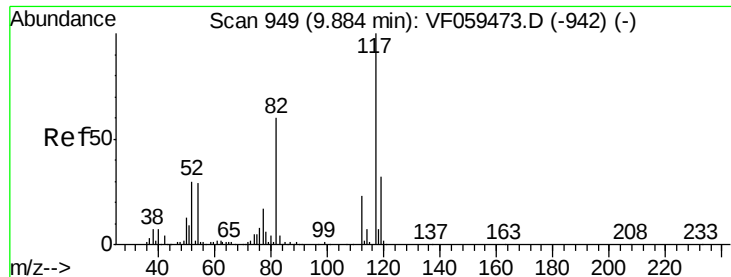
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0

Time-->

11.40 11.50 11.60

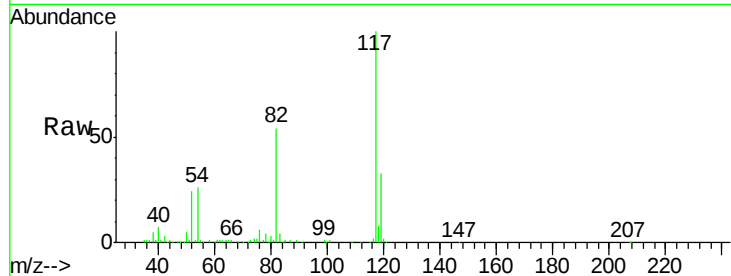




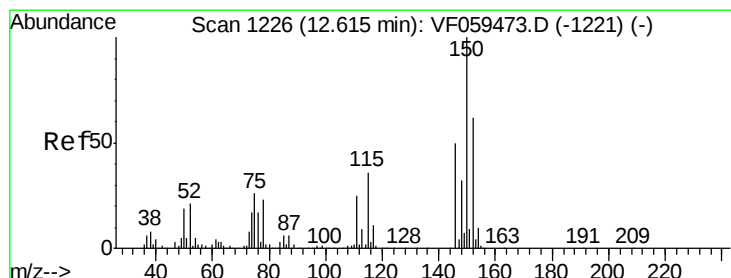
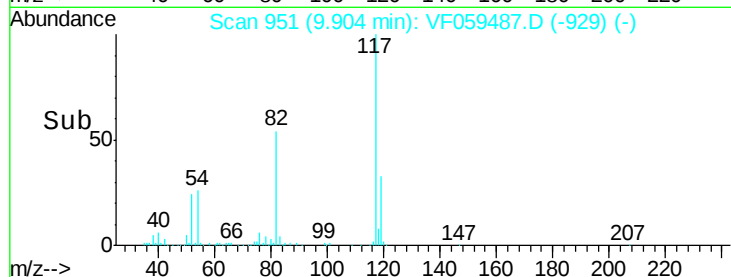
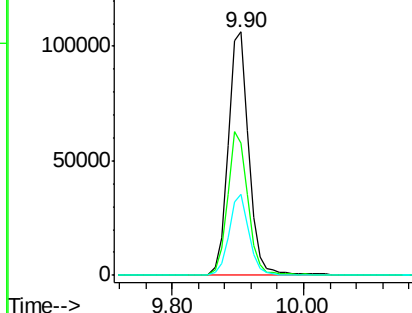
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.02 min
Lab File: VF059487.D
Acq: 10 Jul 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-3RE

Tot Ion:117 Resp: 233549
Ion Ratio Lower Upper
117 100
82 54.2 48.2 72.4
119 33.5 25.7 38.5

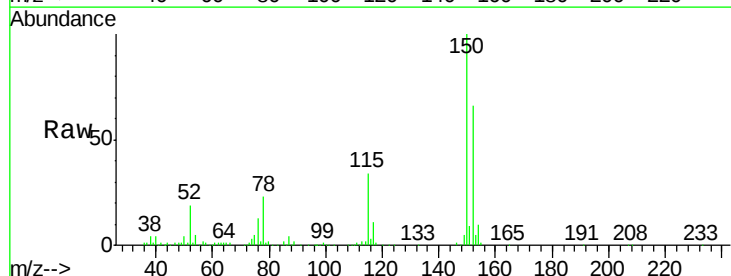


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF059487.D
Acq: 10 Jul 2018 16:33

Tgt Ion:152 Resp: 89944
Ion Ratio Lower Upper
152 100
115 51.2 28.7 86.3
150 152.4 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

