

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059829.D
 Acq On : 3 Aug 2018 10:06
 Operator : VA/AP
 Sample : J4267-14
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-B

Quant Time: Aug 03 11:15:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	183856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	243452	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	128265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	103407	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	132594	40.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.26%	
35) Dibromofluoromethane	4.28	113	109743	43.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.80%	
50) Toluene-d8	7.71	98	63565	10.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.56%	
62) 4-Bromofluorobenzene	11.51	95	88124	27.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.00%	

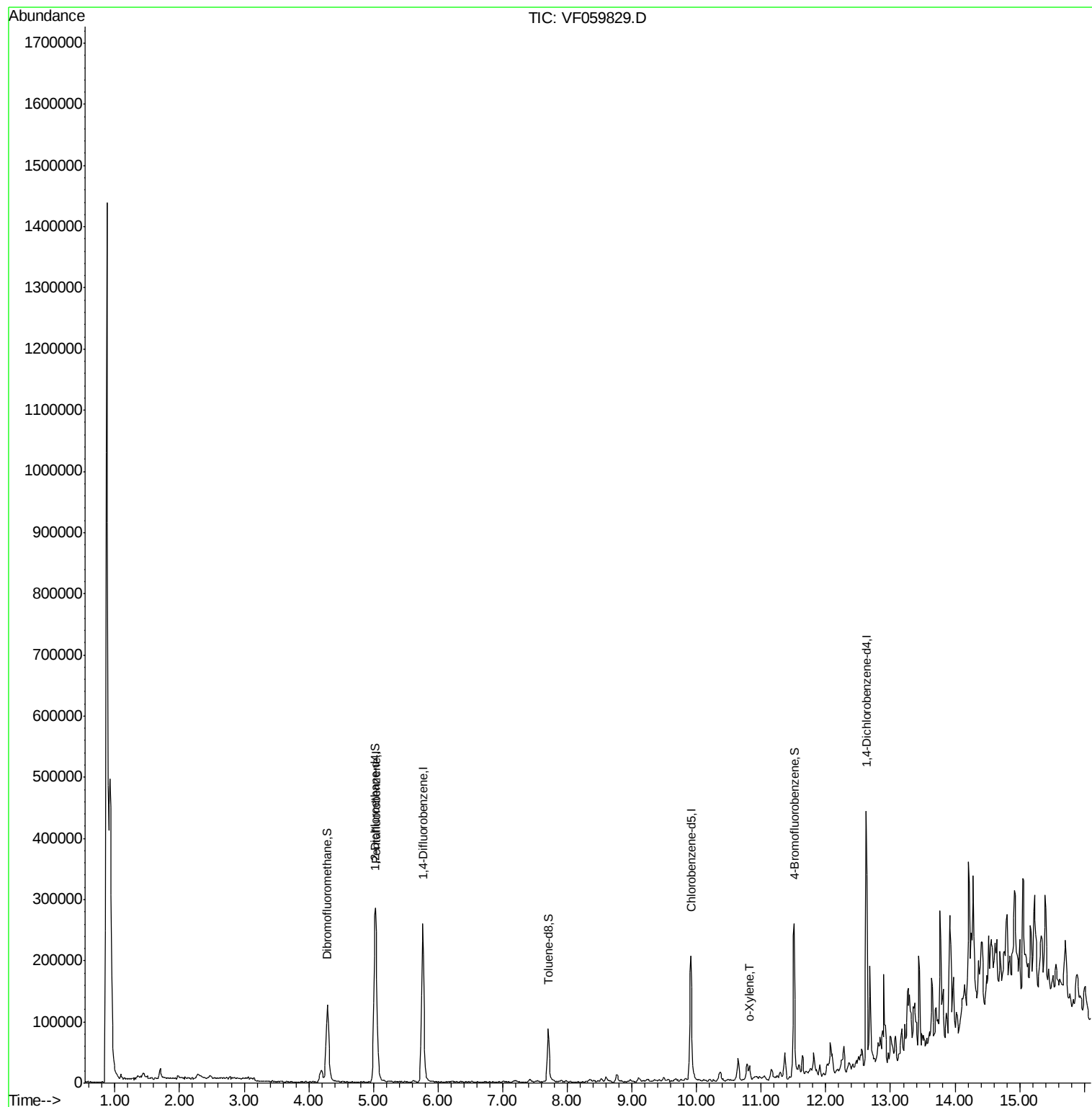
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) o-Xylene	10.82	106	3602	2.20	ug/l	100

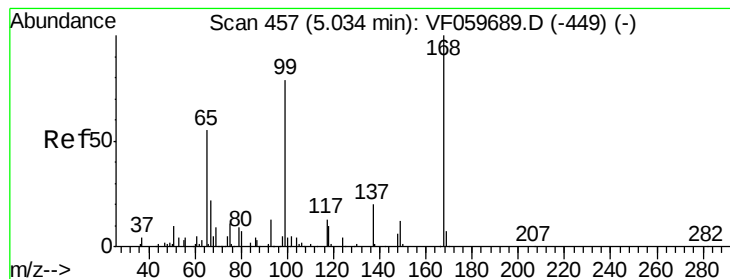
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059829.D

Acq: 3 Aug 2018 10:06

Instrument :

MSVOA_F

ClientSampleId :

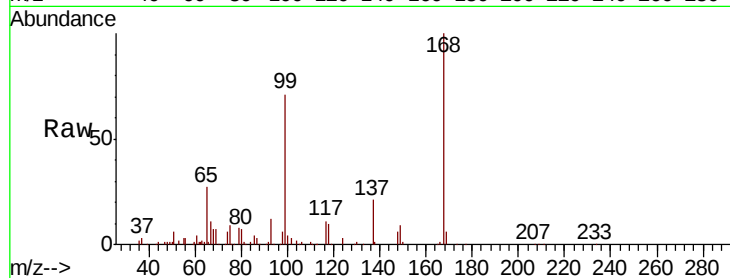
UST-B

Tot Ion:168 Resp: 183856

Ion Ratio Lower Upper

168 100

99 71.0 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

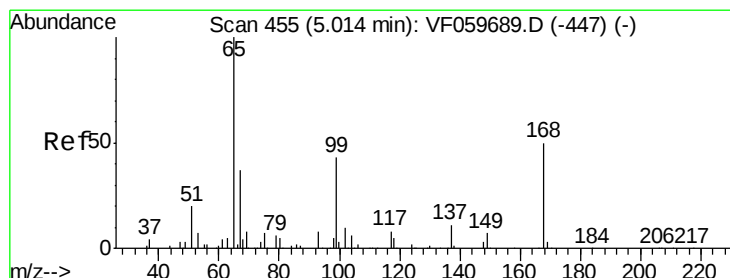
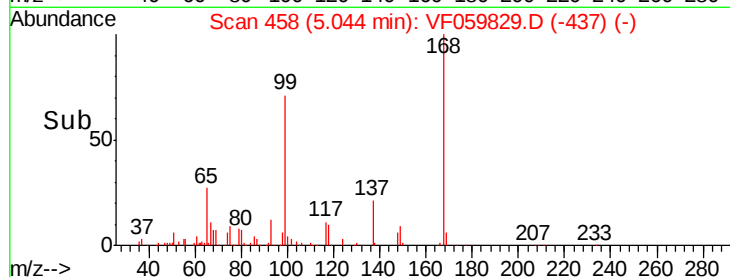
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.13 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059829.D

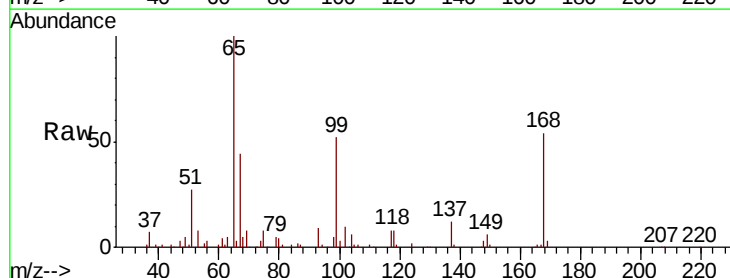
Acq: 3 Aug 2018 10:06

Tgt Ion: 65 Resp: 132594

Ion Ratio Lower Upper

65 100

67 44.0 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

50000

40000

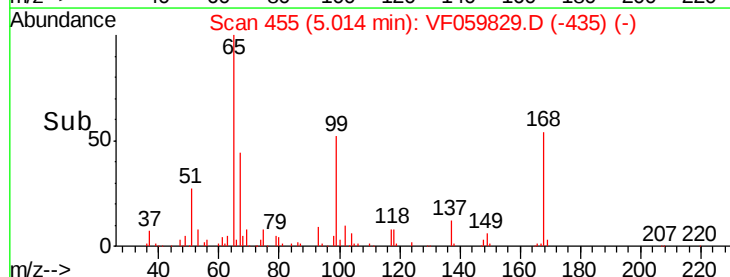
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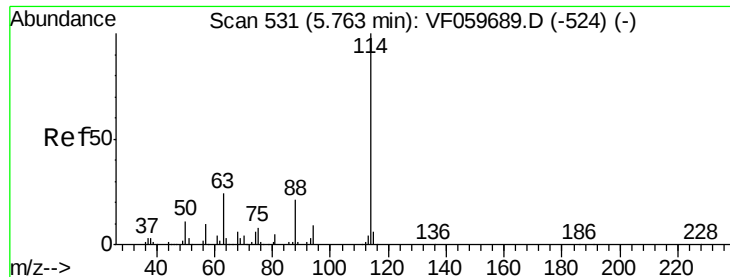
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059829.D

Acq: 3 Aug 2018 10:06

Instrument :

MSVOA_F

ClientSampleId :

UST-B

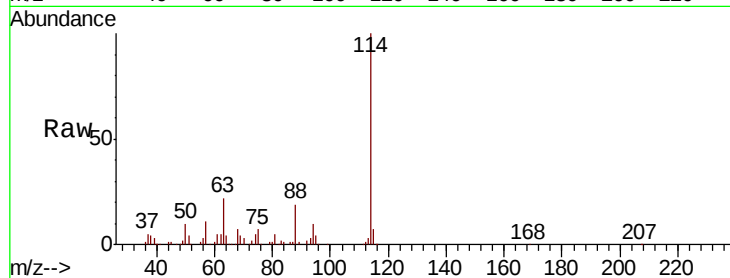
Tot Ion:114 Resp: 243452

Ion Ratio Lower Upper

114 100

63 21.6 0.0 47.4

88 19.0 0.0 41.2



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

120000

100000

80000

60000

40000

20000

0

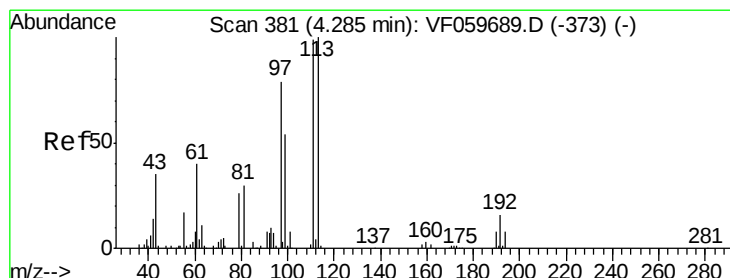
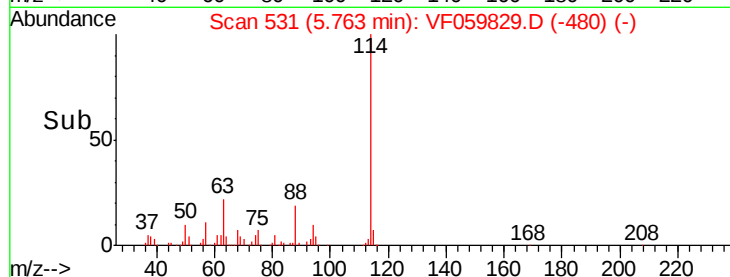
5.60

5.76

5.80

6.00

Time-->



#35

Dibromofluoromethane

Concen: 43.40 ug/l

RT: 4.28 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059829.D

Acq: 3 Aug 2018 10:06

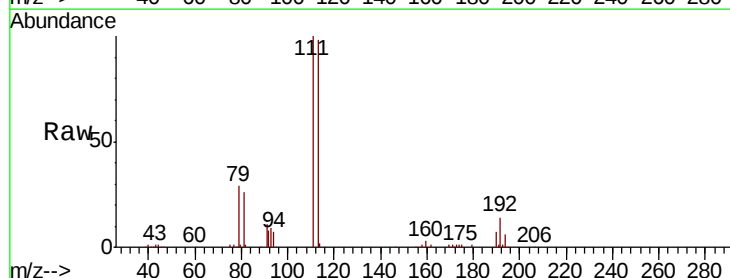
Tgt Ion:113 Resp: 109743

Ion Ratio Lower Upper

113 100

111 101.8 79.0 118.4

192 0.7 13.2 19.8#



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

50000

40000

30000

20000

10000

0

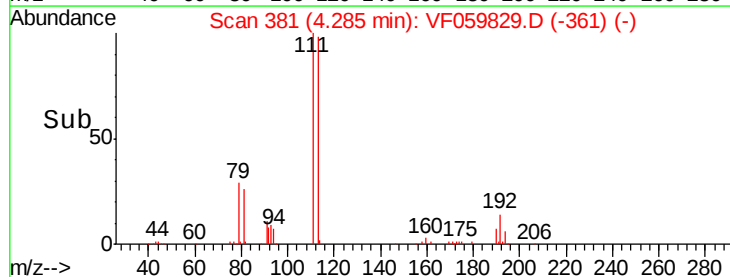
4.20

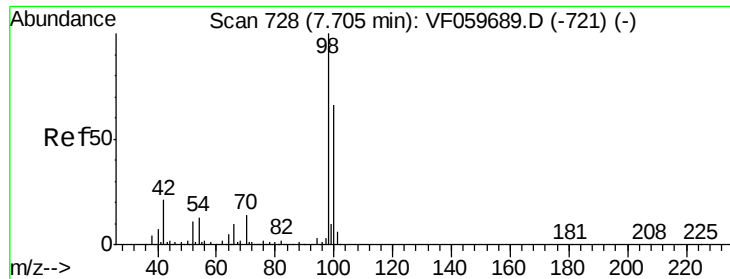
4.28

4.30

4.40

Time-->





#50

Toluene-d8

Concen: 10.78 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059829.D

Acq: 3 Aug 2018 10:06

Instrument :

MSVOA_F

ClientSampleId :

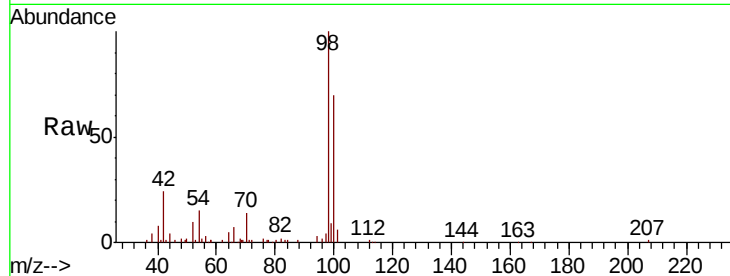
UST-B

Tot Ion: 98 Resp: 63565

Ion Ratio Lower Upper

98 100

100 69.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.71

30000

25000

20000

15000

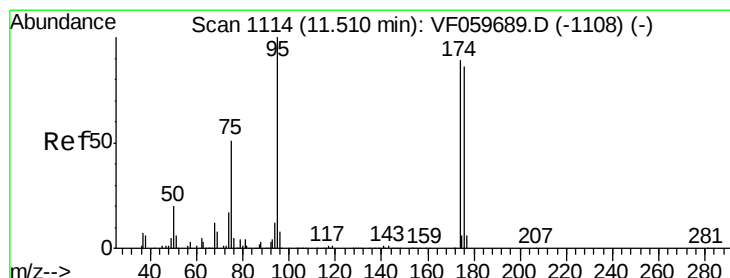
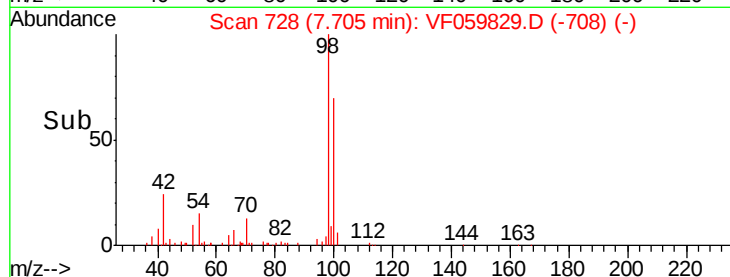
10000

5000

0

7.60 7.70 7.80

Time-->



#62

4-Bromofluorobenzene

Concen: 27.00 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059829.D

Acq: 3 Aug 2018 10:06

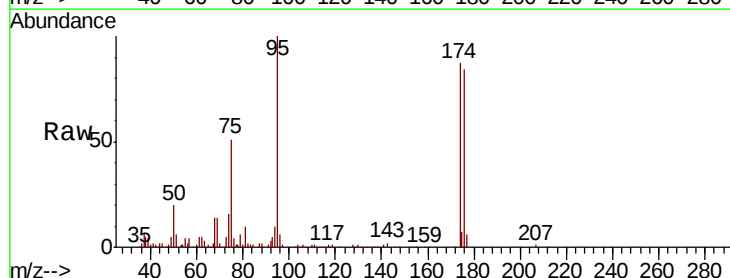
Tgt Ion: 95 Resp: 88124

Ion Ratio Lower Upper

95 100

174 87.2 0.0 178.4

176 84.3 0.0 173.0



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

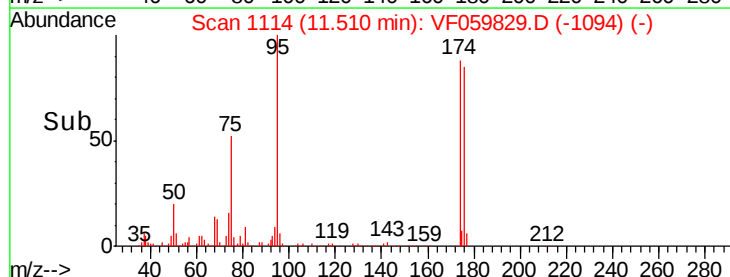
20000

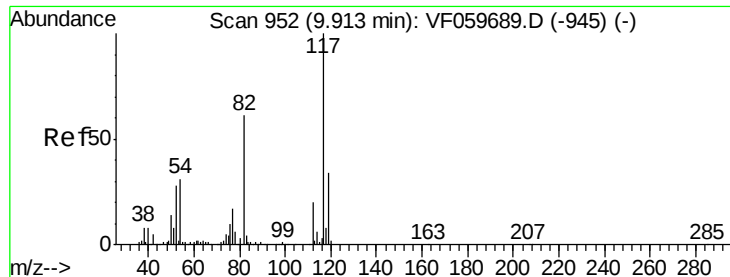
10000

0

11.40 11.50

Time-->

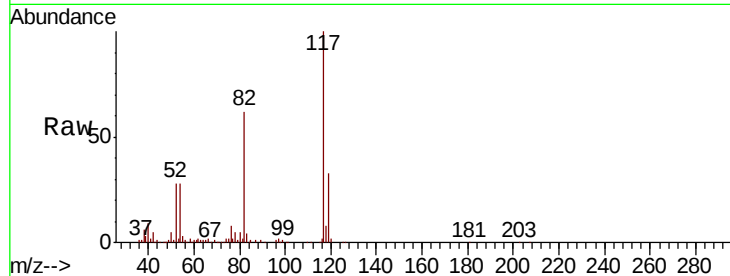




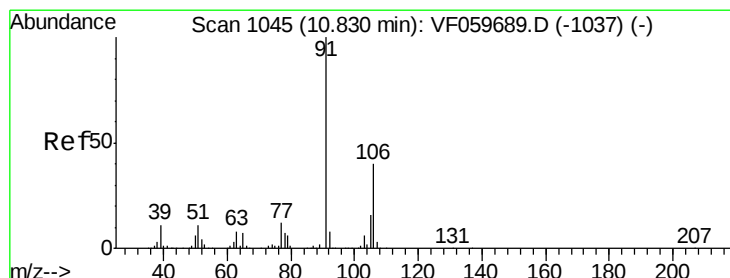
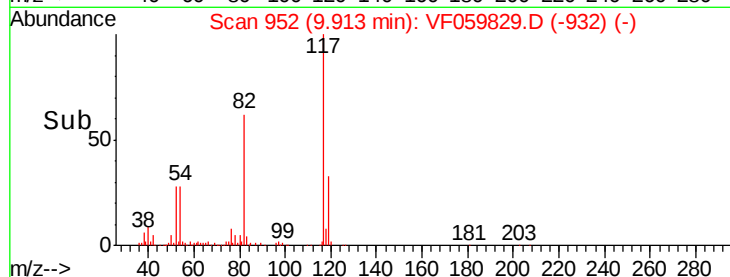
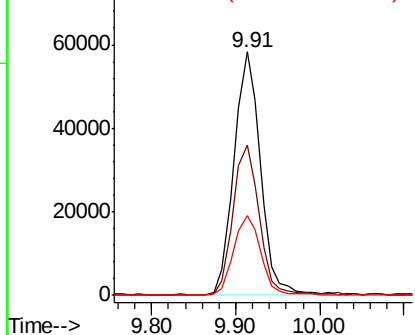
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059829.D
Acq: 3 Aug 2018 10:06

Instrument :
MSVOA_F
ClientSampleId :
UST-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.8	49.0	73.4
119	32.6	27.3	40.9

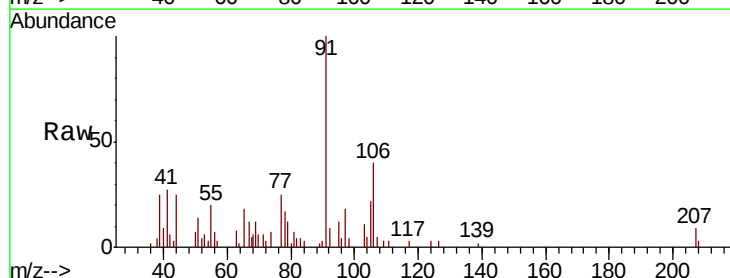


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

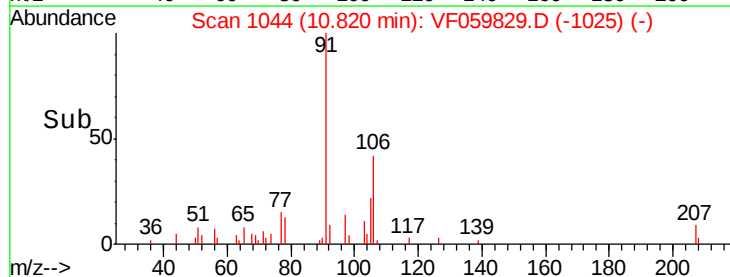
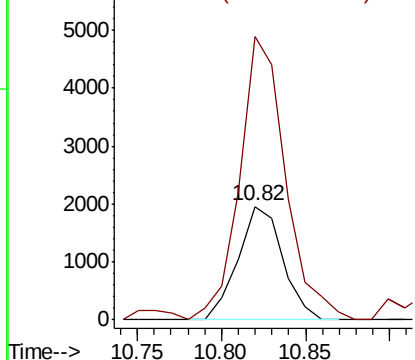


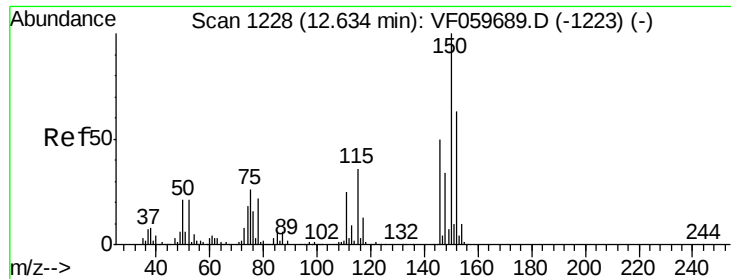
#69
o-Xylene
Concen: 2.20 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF059829.D
Acq: 3 Aug 2018 10:06

Tgt Ion	Ratio	Lower	Upper
106	100		
91	248.9	124.6	373.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059829.D

Acq: 3 Aug 2018 10:06

Instrument :

MSVOA_F

ClientSampleId :

UST-B

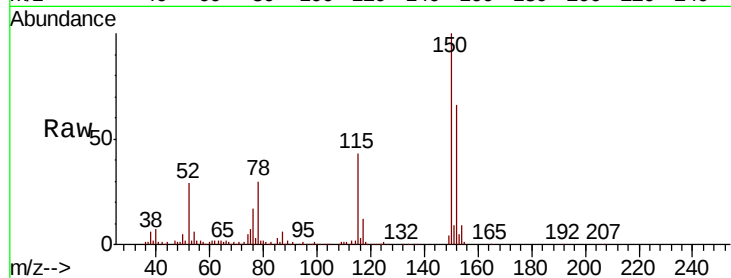
Tot Ion:152 Resp: 103407

Ion Ratio Lower Upper

152 100

115 65.5 28.2 84.6

150 152.6 0.0 316.2



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

