

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091018\
 Data File : VD059989.D
 Acq On : 10 Sep 2018 13:26
 Operator : JC/SY
 Sample : J4836-02
 Misc : 9.56g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-025-A

Quant Time: Sep 10 14:32:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

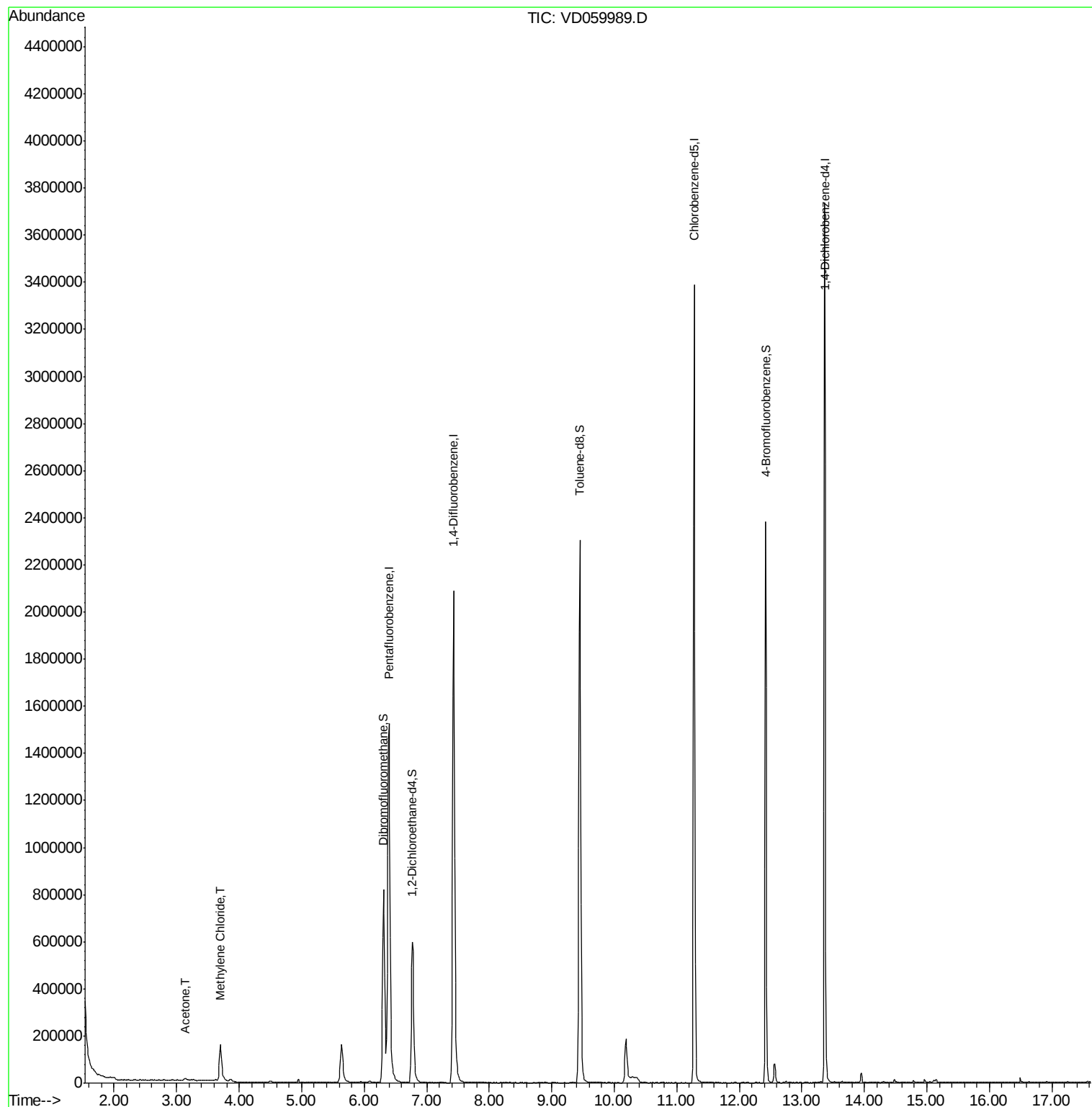
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1525190	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.43	114	2149342	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1765088	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	837160	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	518467	40.33	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	80.66%	
35) Dibromofluoromethane	6.31	113	635642	37.72	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	75.44%	
50) Toluene-d8	9.45	98	1821916	38.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	77.92%	
62) 4-Bromofluorobenzene	12.42	95	669995	35.27	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	70.54%	
Target Compounds						
16) Acetone	3.14	43	19501	8.33	ug/l	# 90
20) Methylene Chloride	3.70	84	98412	2.78	ug/l	96

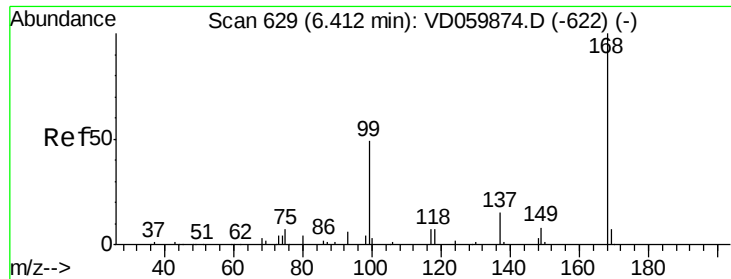
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.40 min Scan# 495

Delta R.T. -0.01 min

Lab File: VD059989.D

Acq: 10 Sep 2018 13:26

Instrument :

MSVOA_D

ClientSampleId :

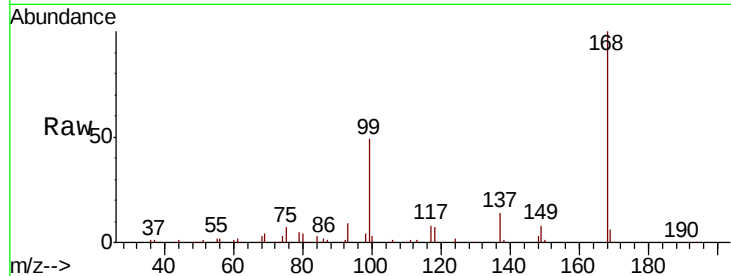
FK-GF-02-025-A

Tot Ion:168 Resp: 1525190

Ion Ratio Lower Upper

168 100

99 48.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

600000

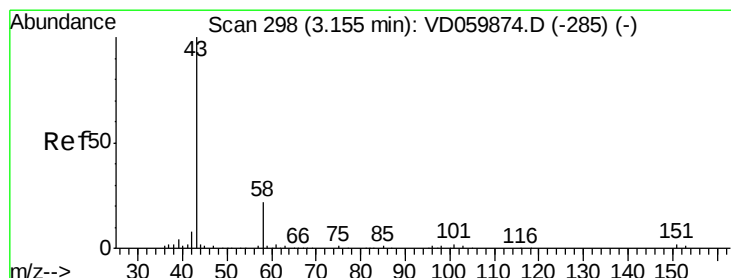
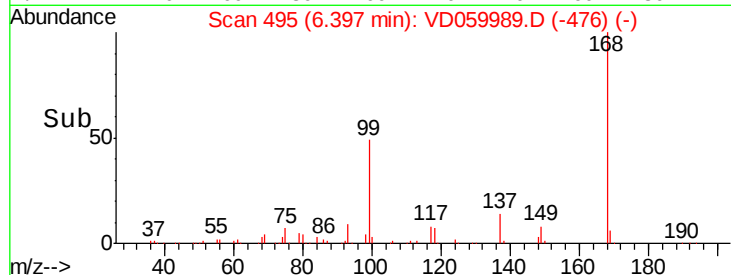
400000

200000

0

Time-->

6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 8.33 ug/l

RT: 3.14 min Scan# 164

Delta R.T. -0.01 min

Lab File: VD059989.D

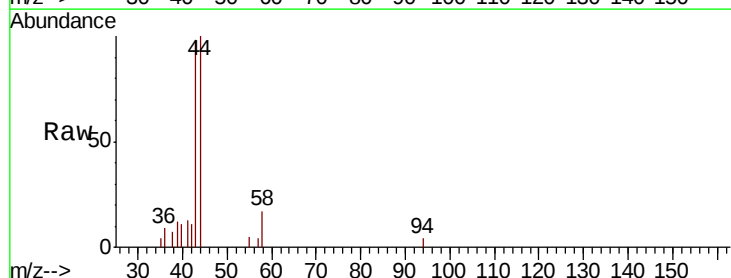
Acq: 10 Sep 2018 13:26

Tgt Ion: 43 Resp: 19501

Ion Ratio Lower Upper

43 100

58 17.0 17.6 26.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.14

8000

6000

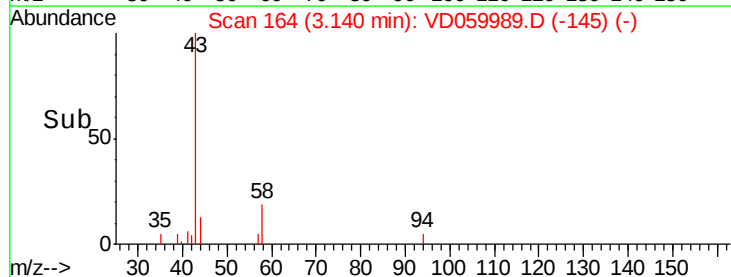
4000

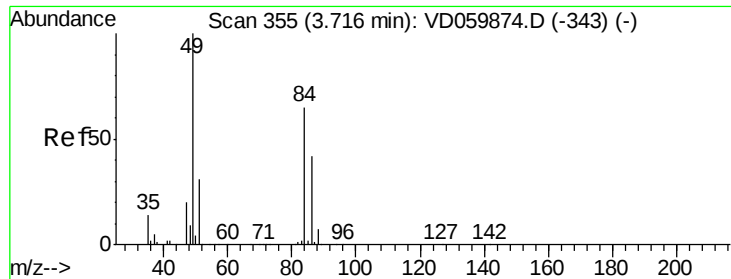
2000

0

Time-->

3.10 3.20

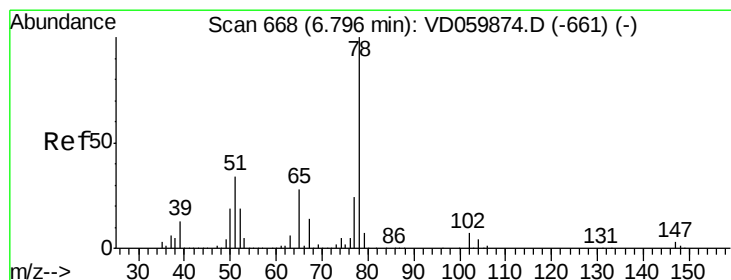
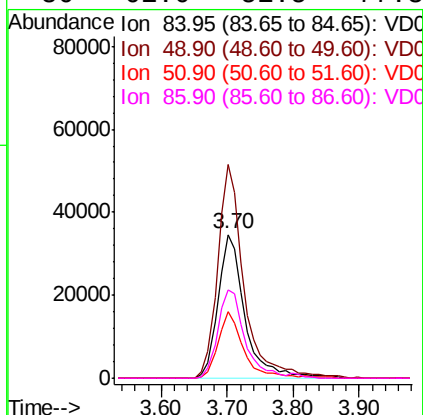
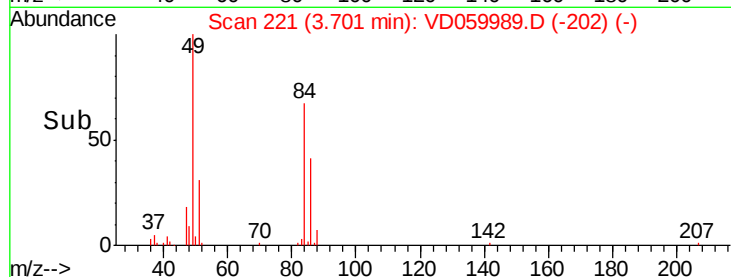
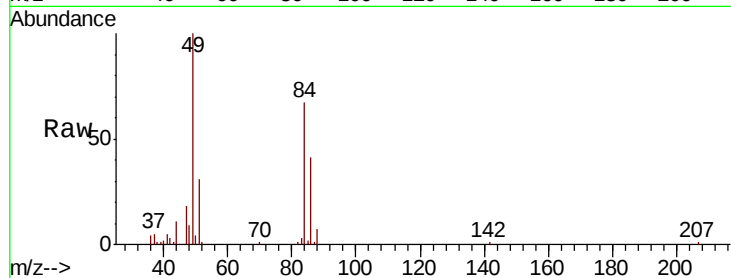




#20
Methvlene Chloride
Concen: 2.78 ug/l
RT: 3.70 min Scan# 221
Delta R.T. -0.01 min
Lab File: VD059989.D
Acq: 10 Sep 2018 13:26

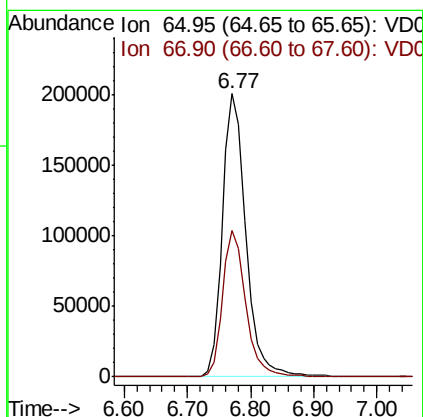
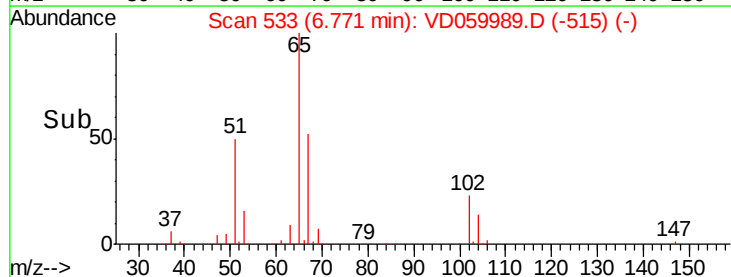
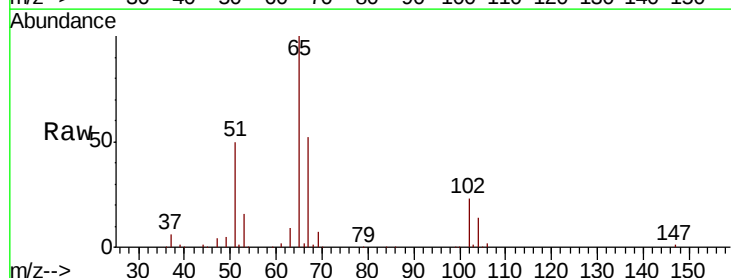
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-025-A

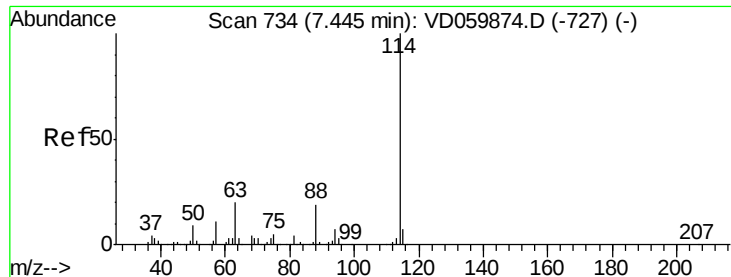
Tot Ion: 84 Resp: 98412
Ion Ratio Lower Upper
84 100
49 148.3 122.6 183.8
51 46.2 38.4 57.6
86 61.0 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. -0.02 min
Lab File: VD059989.D
Acq: 10 Sep 2018 13:26

Tgt Ion: 65 Resp: 518467
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.43 min Scan# 600

Delta R.T. -0.01 min

Lab File: VD059989.D

Acq: 10 Sep 2018 13:26

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-025-A

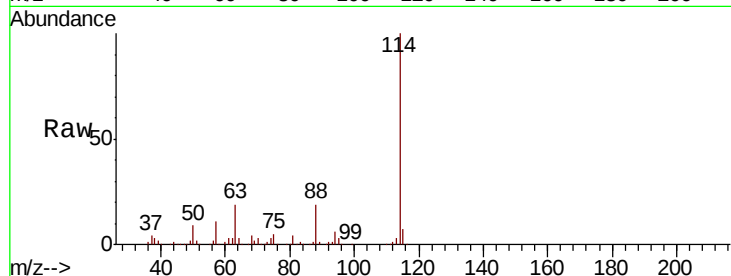
Tot Ion:114 Resp: 2149342

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.4

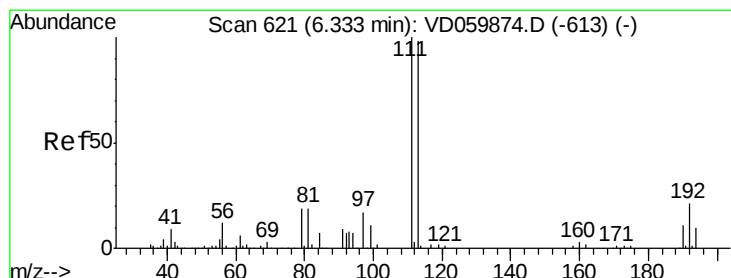
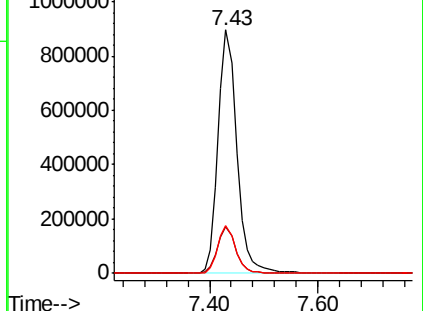
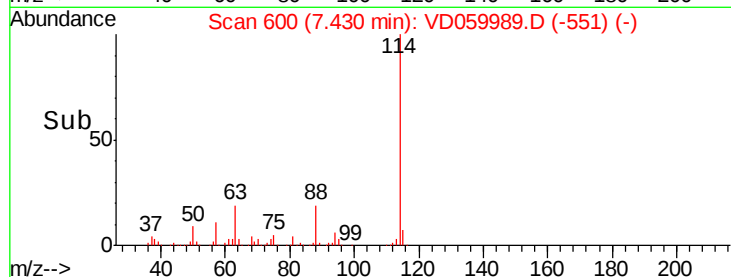
88 19.4 0.0 37.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.31 min Scan# 486

Delta R.T. -0.02 min

Lab File: VD059989.D

Acq: 10 Sep 2018 13:26

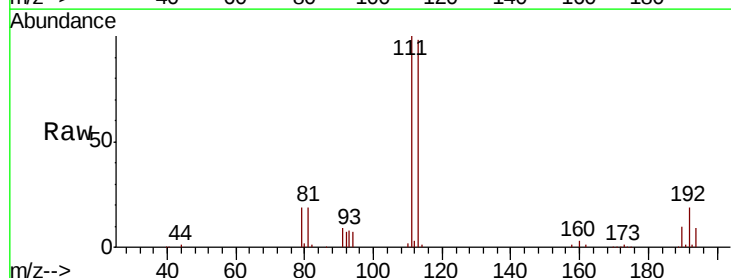
Tgt Ion:113 Resp: 635642

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

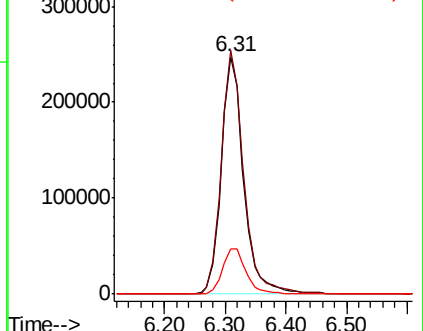
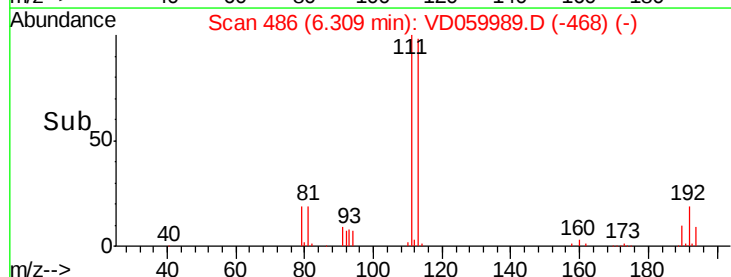
192 18.9 17.0 25.6

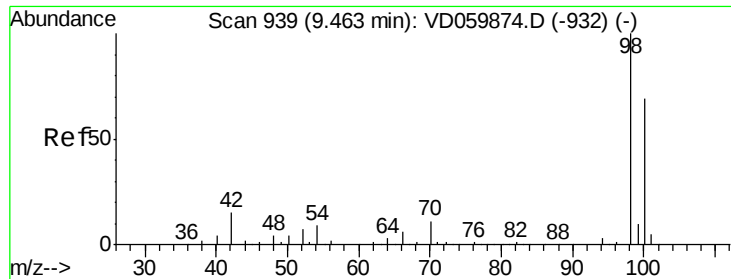


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

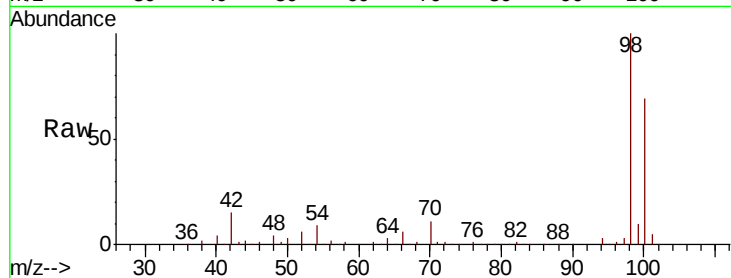




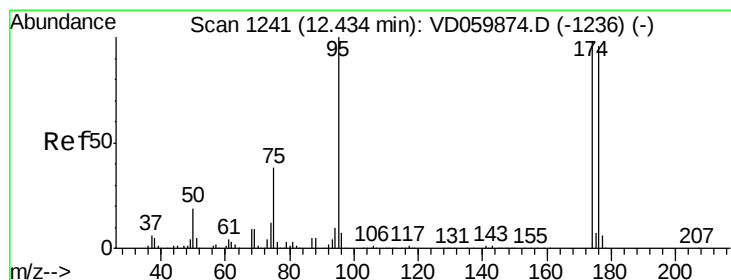
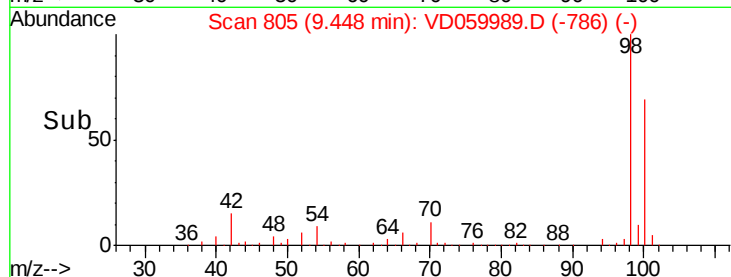
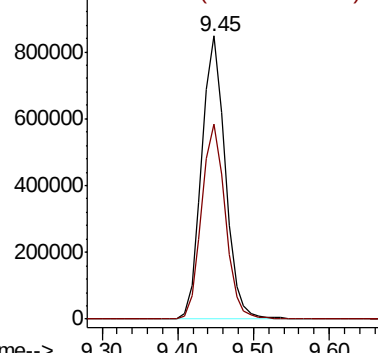
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. -0.01 min
Lab File: VD059989.D
Acq: 10 Sep 2018 13:26

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-025-A

Tot Ion: 98 Resp: 1821916
Ion Ratio Lower Upper
98 100
100 68.7 55.8 83.6

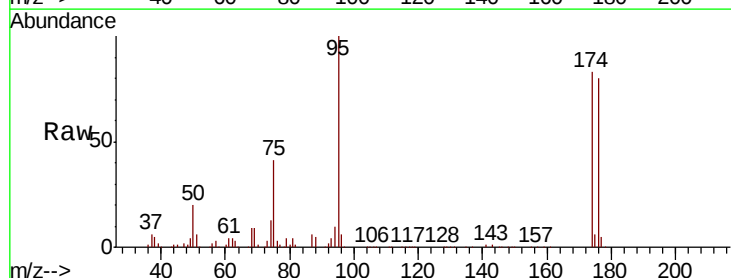


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

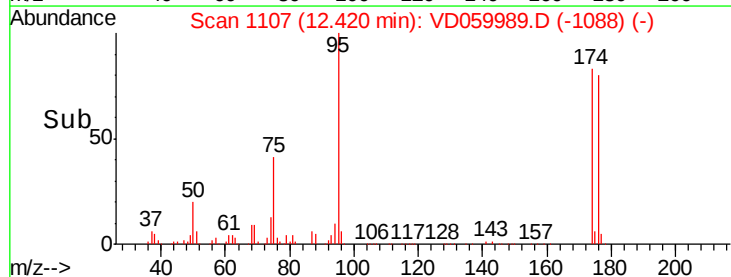
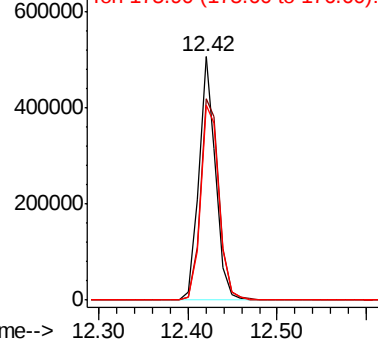


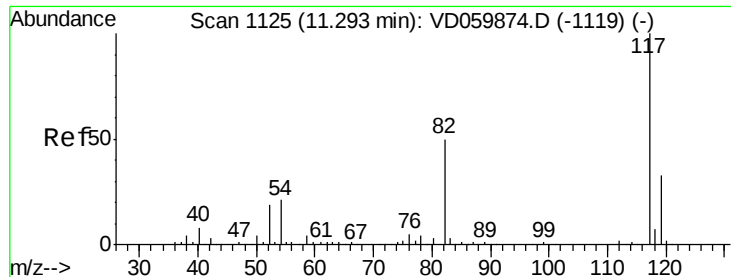
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VD059989.D
Acq: 10 Sep 2018 13:26

Tgt Ion: 95 Resp: 669995
Ion Ratio Lower Upper
95 100
174 82.5 0.0 195.6
176 79.9 0.0 191.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

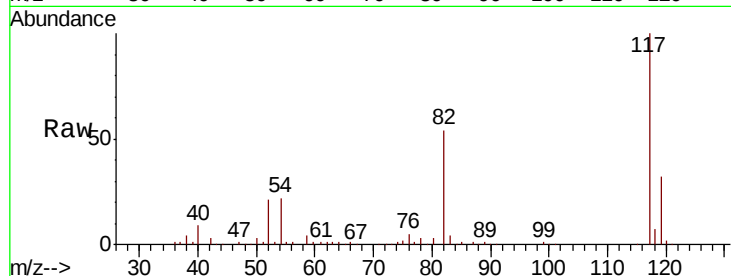




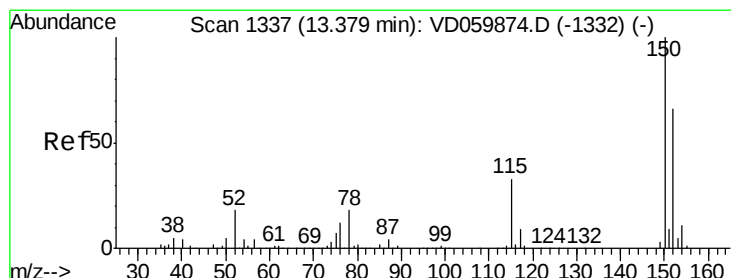
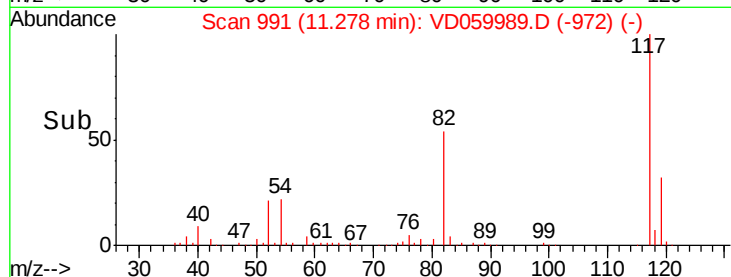
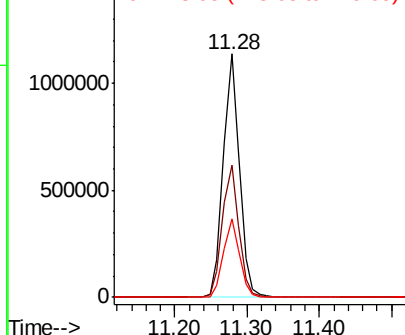
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD059989.D
Acq: 10 Sep 2018 13:26

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-025-A

Tot Ion:117 Resp: 1765088
Ion Ratio Lower Upper
117 100
82 54.2 40.1 60.1
119 32.4 26.7 40.1

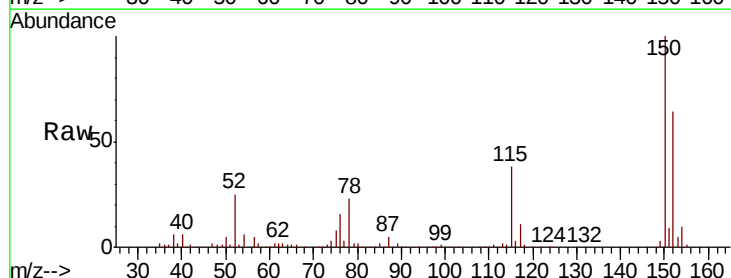


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD059989.D
Acq: 10 Sep 2018 13:26

Tgt Ion:152 Resp: 837160
Ion Ratio Lower Upper
152 100
115 58.3 25.7 77.0
150 155.1 0.0 310.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

