

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112918\
 Data File : VD060463.D
 Acq On : 29 Nov 2018 13:05
 Operator : VA/AP
 Sample : J6125-04
 Misc : 6.4g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-028-B

Quant Time: Nov 30 05:47:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

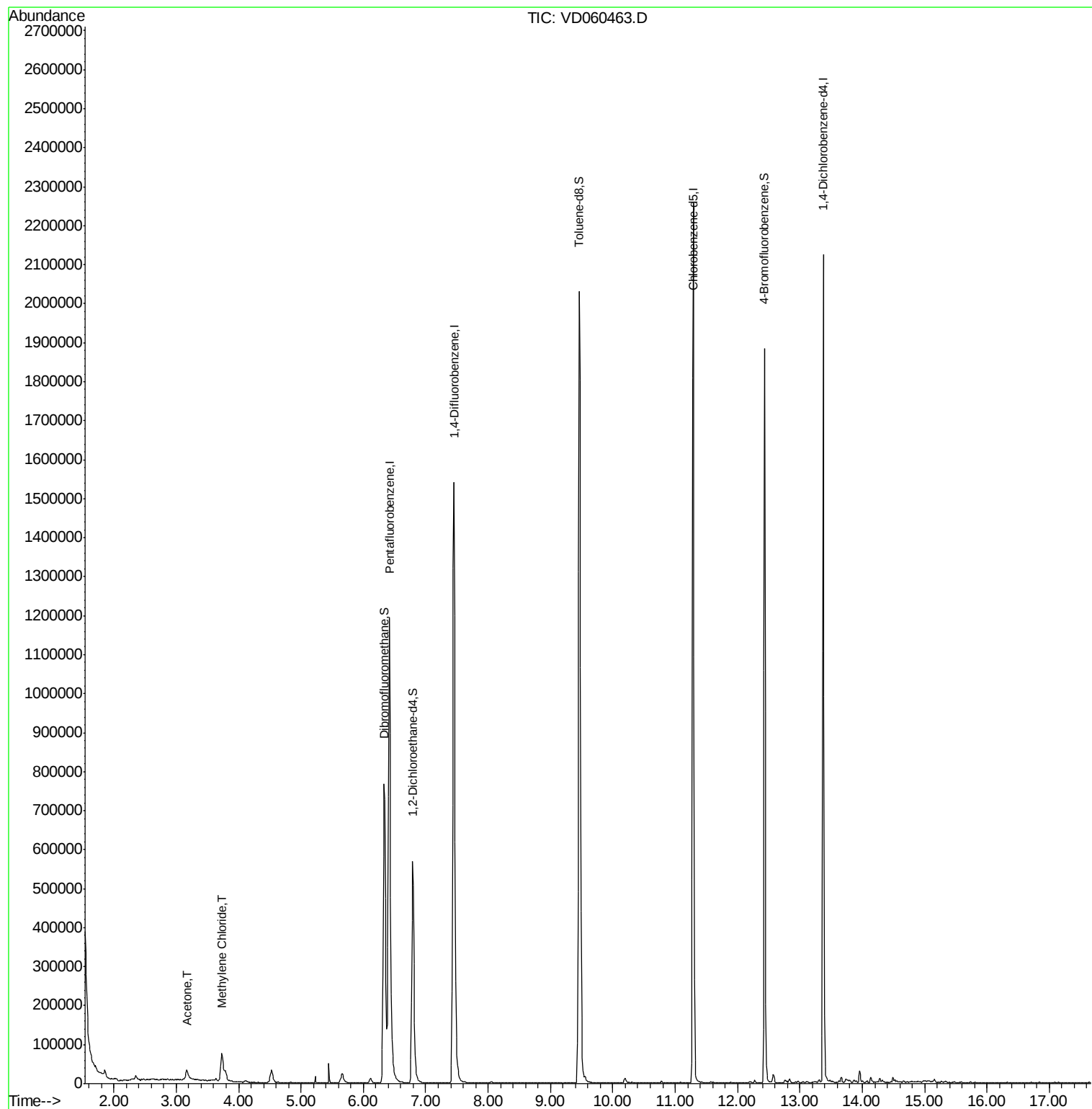
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1218351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1649183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1218180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	475187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	456322	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
35) Dibromofluoromethane	6.33	113	624224	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
50) Toluene-d8	9.46	98	1659543	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
62) 4-Bromofluorobenzene	12.43	95	510758	39.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.32%	
Target Compounds						
16) Acetone	3.17	43	55877	36.926	ug/l	97
20) Methylene Chloride	3.73	84	48118	3.585	ug/l	92

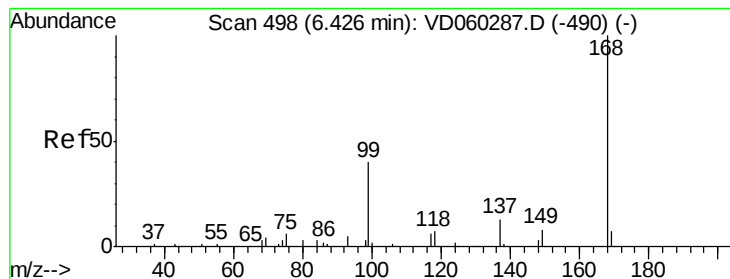
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060463.D

Acq: 29 Nov 2018 13:05

Instrument :

MSVOA_D

ClientSampleId :

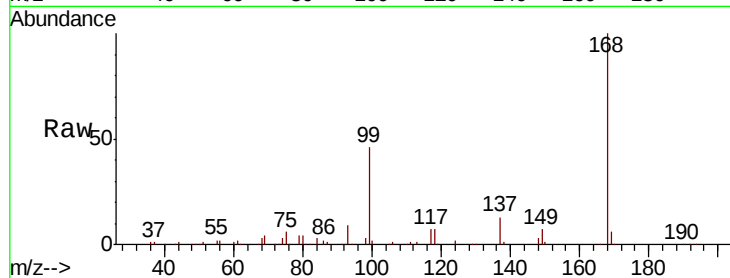
FK-GF-02-028-B

Tot Ion:168 Resp: 1218351

Ion Ratio Lower Upper

168 100

99 45.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

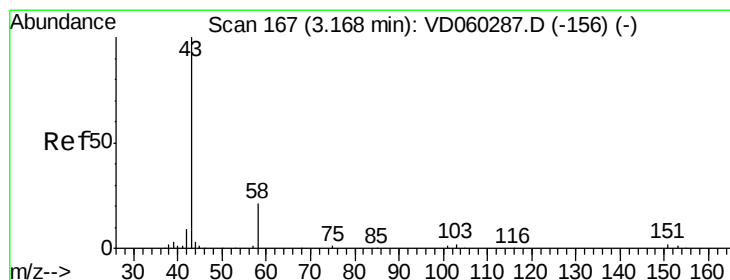
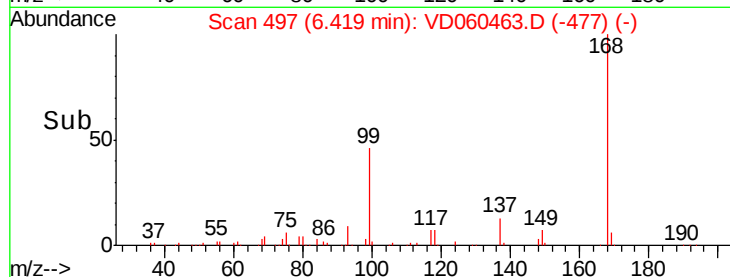
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 36.926 ug/l

RT: 3.17 min Scan# 167

Delta R.T. 0.00 min

Lab File: VD060463.D

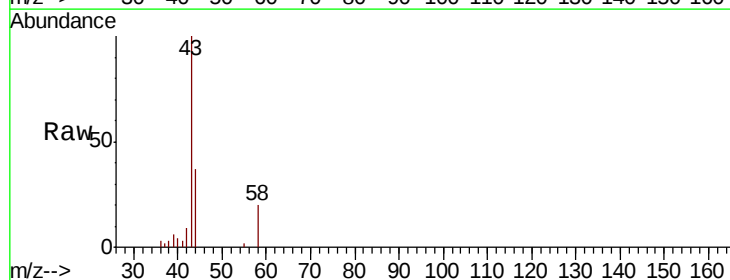
Acq: 29 Nov 2018 13:05

Tgt Ion: 43 Resp: 55877

Ion Ratio Lower Upper

43 100

58 19.7 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.17

20000

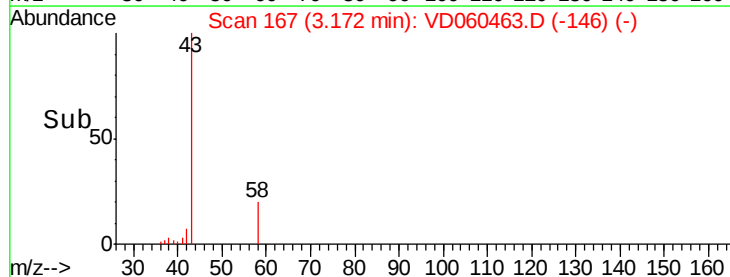
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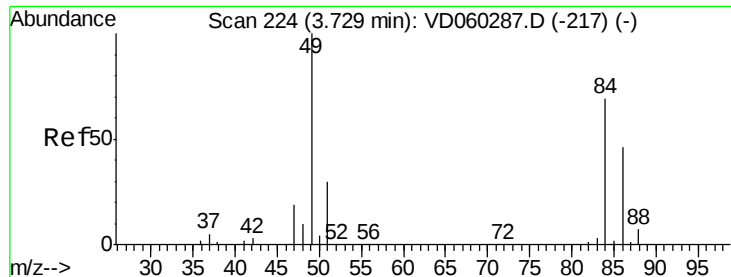
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5000

0

Time-->

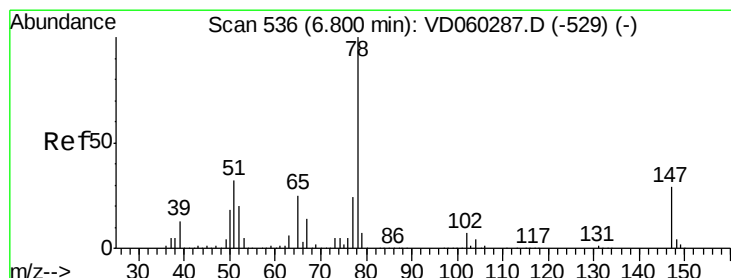
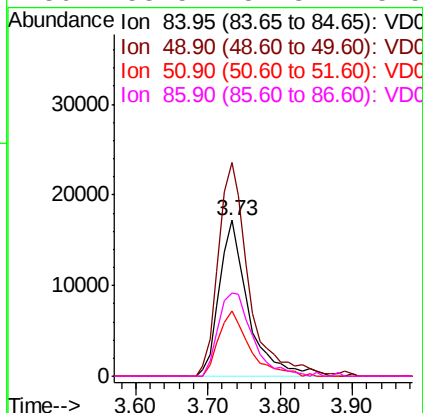
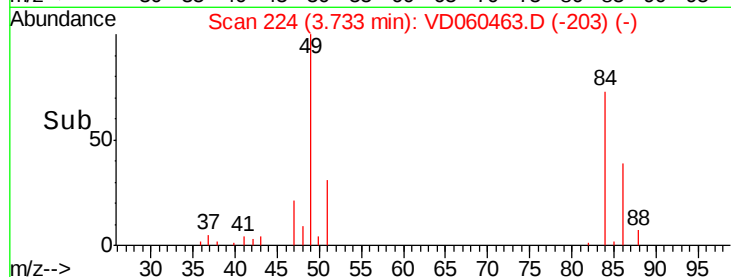
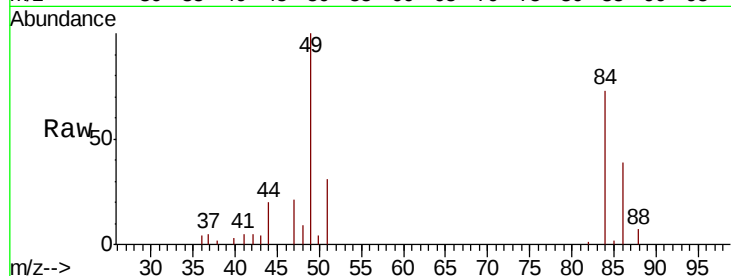




#20
Methylene Chloride
Concen: 3.585 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD060463.D
Acq: 29 Nov 2018 13:05

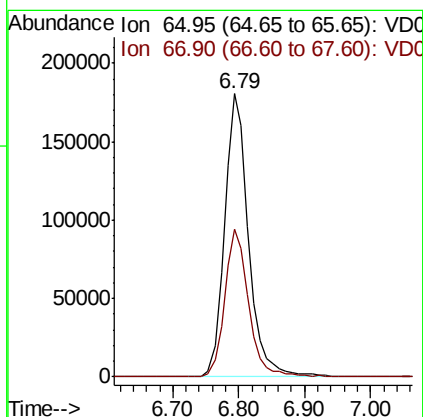
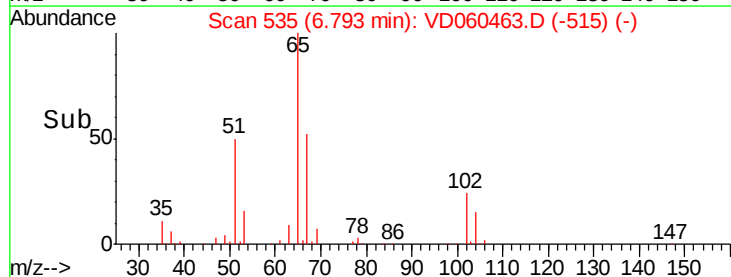
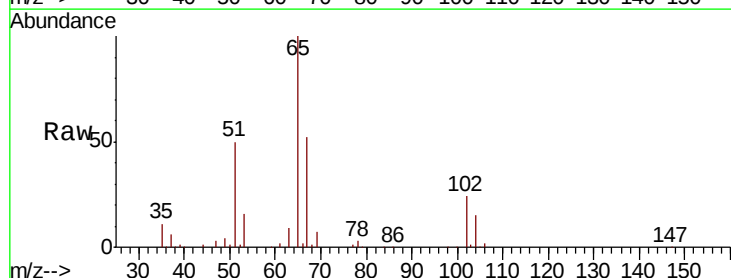
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

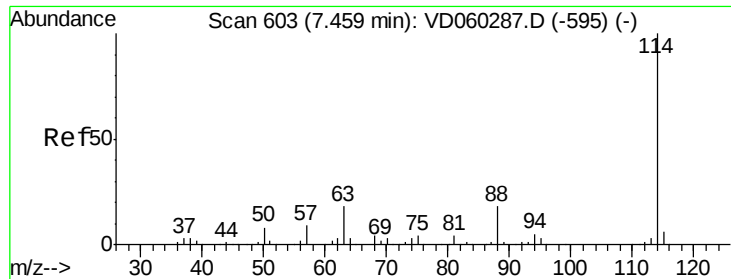
Tot Ion: 84 Resp: 48118
Ion Ratio Lower Upper
84 100
49 137.0 115.6 173.4
51 42.3 35.6 53.4
86 53.5 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060463.D
Acq: 29 Nov 2018 13:05

Tgt Ion: 65 Resp: 456322
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.8

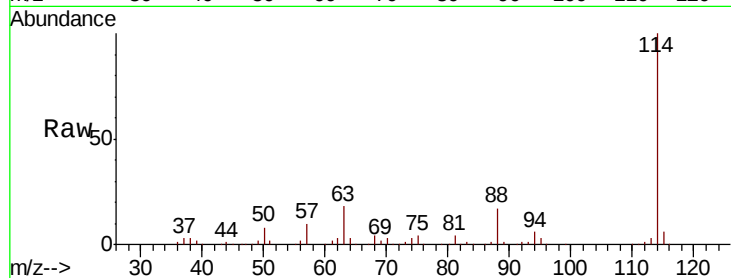




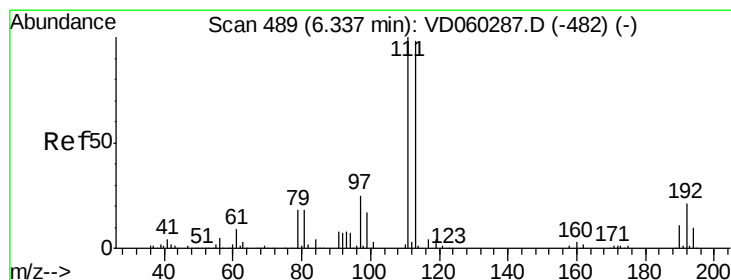
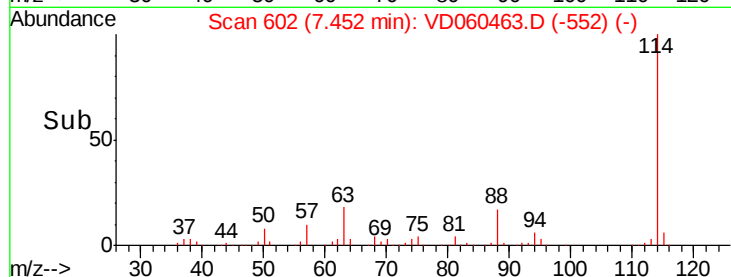
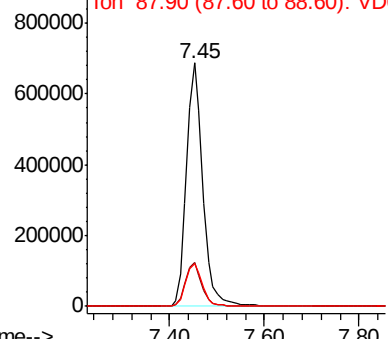
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD060463.D
Acq: 29 Nov 2018 13:05

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

Tot Ion:114 Resp: 1649183
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.0
88 17.4 0.0 35.4

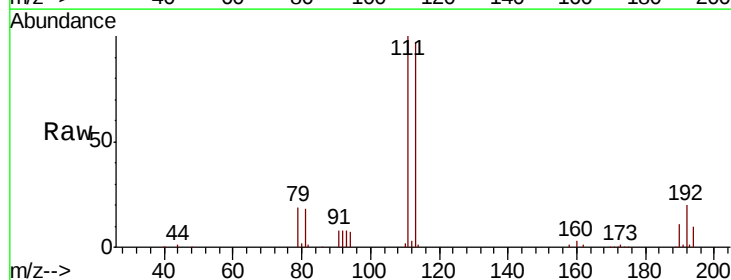


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

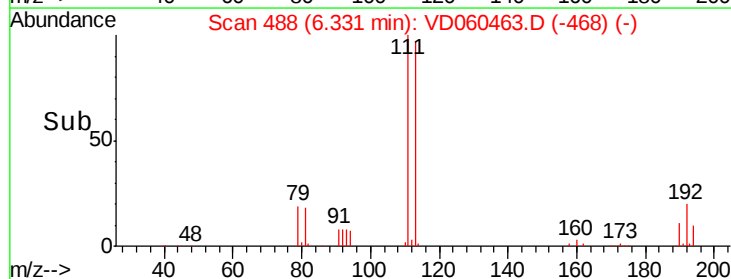
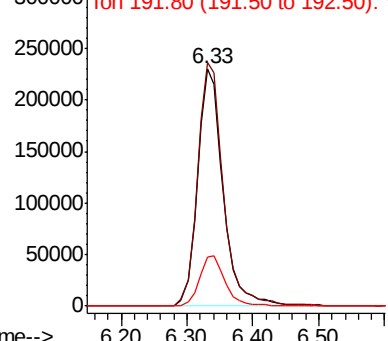


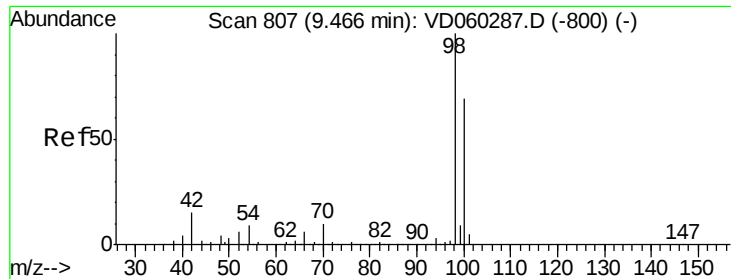
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060463.D
Acq: 29 Nov 2018 13:05

Tgt Ion:113 Resp: 624224
Ion Ratio Lower Upper
113 100
111 102.6 81.6 122.4
192 20.6 16.5 24.7



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: 9.46 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060463.D

Acq: 29 Nov 2018 13:05

Instrument :

MSVOA_D

ClientSampleId :

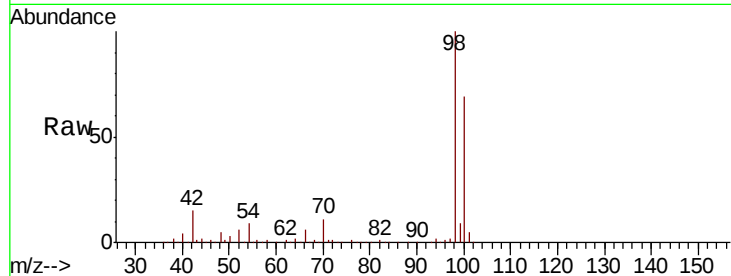
FK-GF-02-028-B

Tot Ion: 98 Resp: 1659543

Ion Ratio Lower Upper

98 100

100 69.1 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

800000

600000

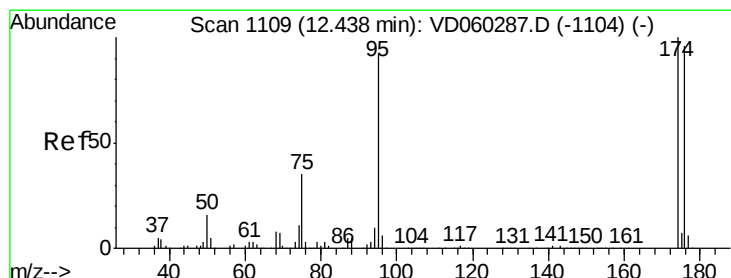
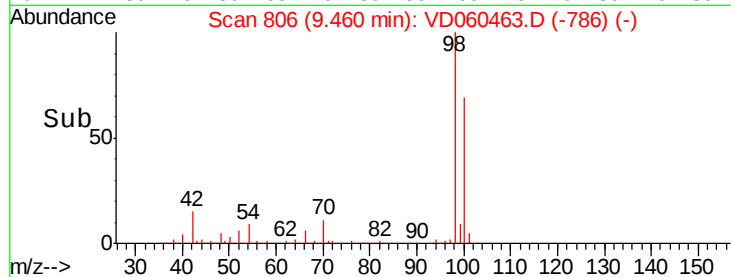
400000

200000

0

9.30 9.40 9.50 9.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060463.D

Acq: 29 Nov 2018 13:05

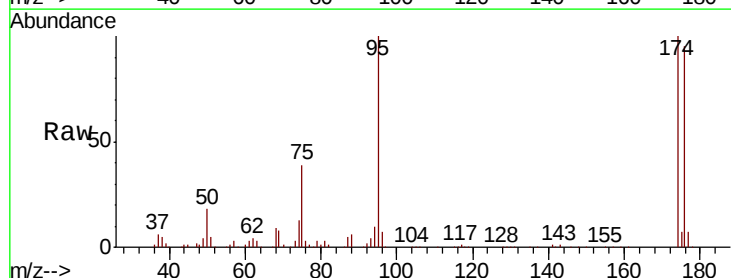
Tgt Ion: 95 Resp: 510758

Ion Ratio Lower Upper

95 100

174 99.5 0.0 160.8

176 94.7 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

500000

400000

300000

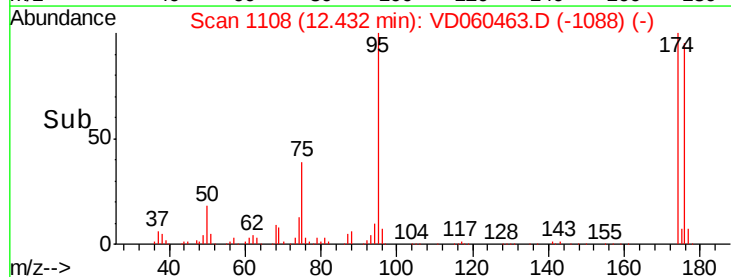
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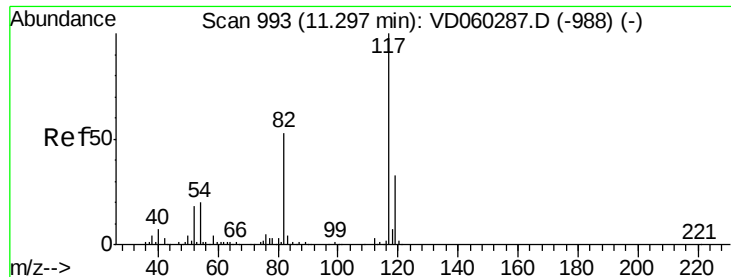
100000

0

12.40 12.50

Time-->

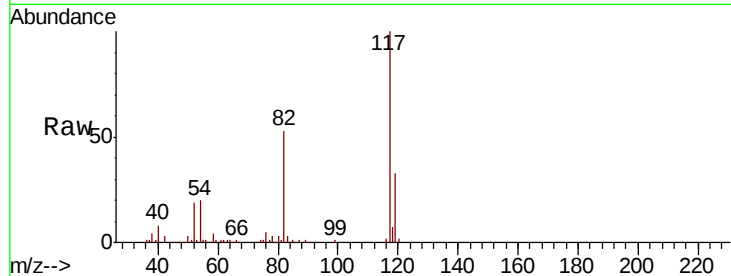




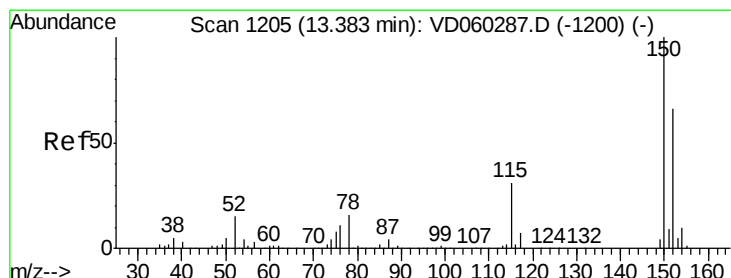
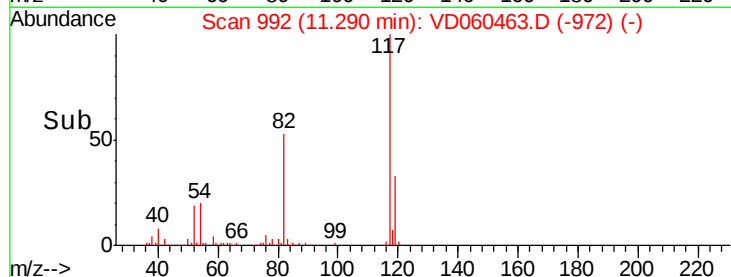
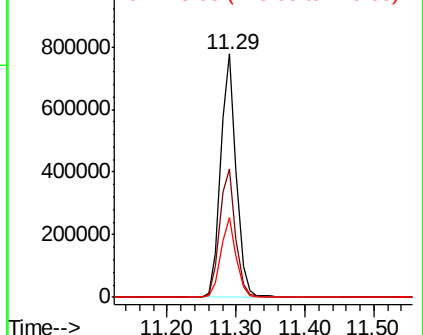
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060463.D
Acq: 29 Nov 2018 13:05

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

Tot Ion:117 Resp: 1218180
Ion Ratio Lower Upper
117 100
82 52.5 43.7 65.5
119 32.6 26.1 39.1

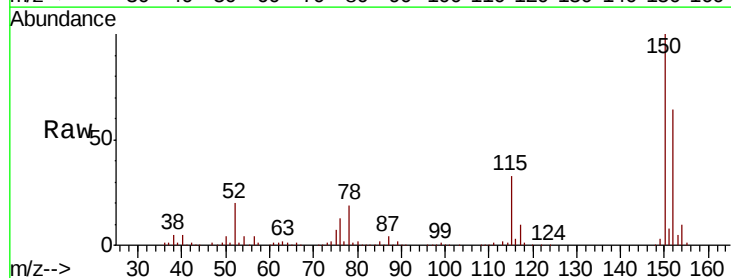


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060463.D
Acq: 29 Nov 2018 13:05

Tgt Ion:152 Resp: 475187
Ion Ratio Lower Upper
152 100
115 51.4 24.1 72.3
150 155.7 0.0 310.6



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

