

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112918\
 Data File : VD060462.D
 Acq On : 29 Nov 2018 12:37
 Operator : VA/AP
 Sample : J6125-02
 Misc : 6.97g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Nov 30 05:45:53 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	30499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	52074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	43697	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	21320	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	21669	99.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.46%	
35) Dibromofluoromethane	6.33	113	21194	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
50) Toluene-d8	9.46	98	49220	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	
62) 4-Bromofluorobenzene	12.44	95	20498	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

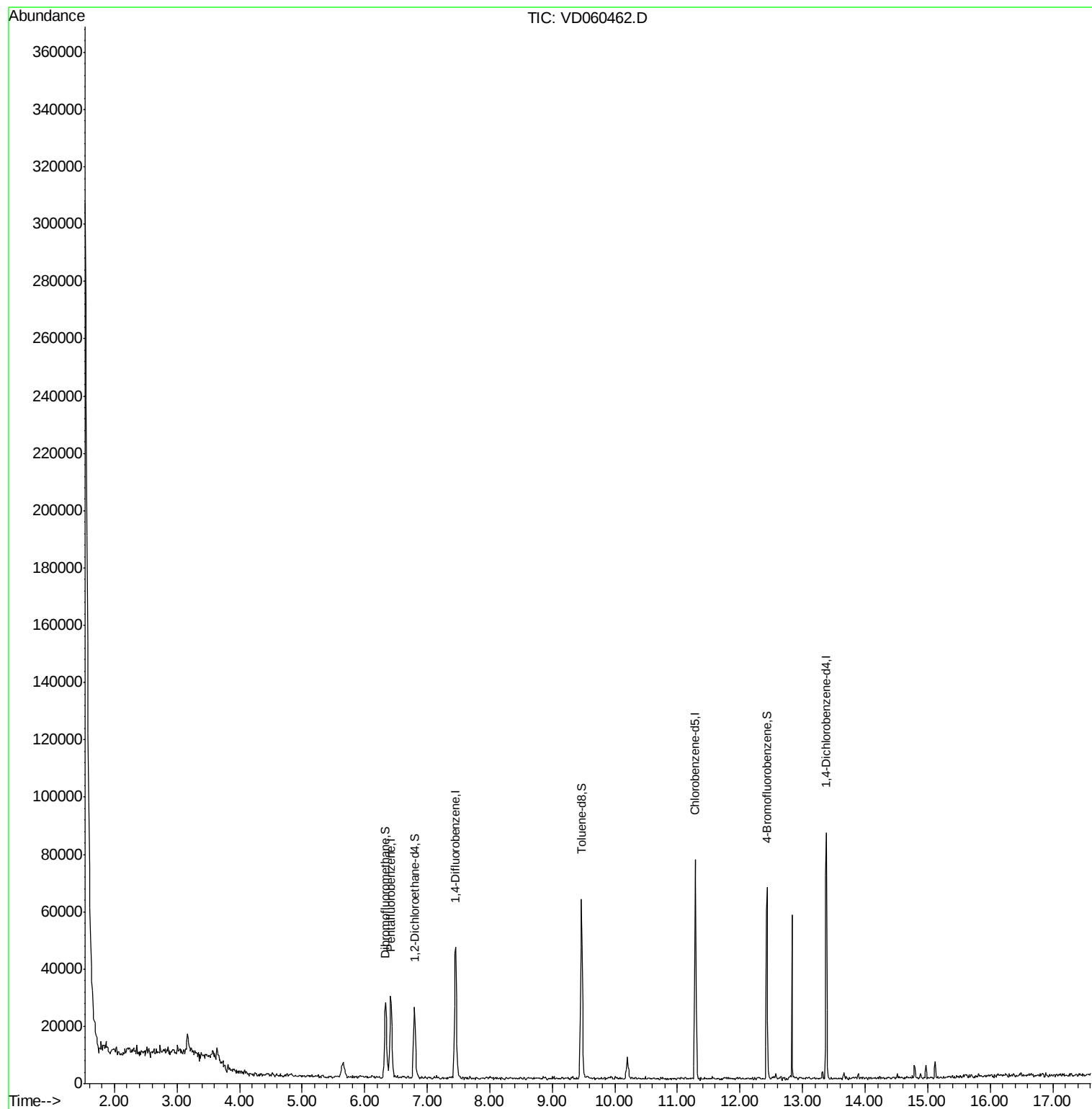
Target Compounds	Qvalue

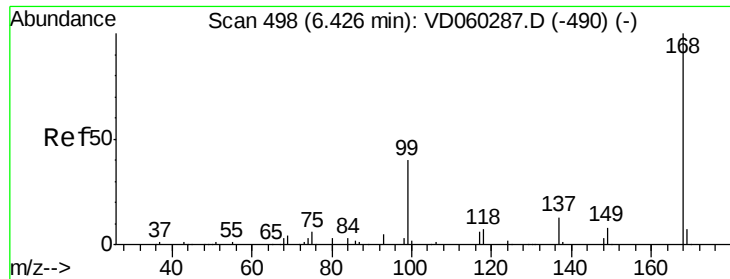
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.00 min

Lab File: VD060462.D

Acq: 29 Nov 2018 12:37

Instrument :

MSVOA_D

ClientSampleId :

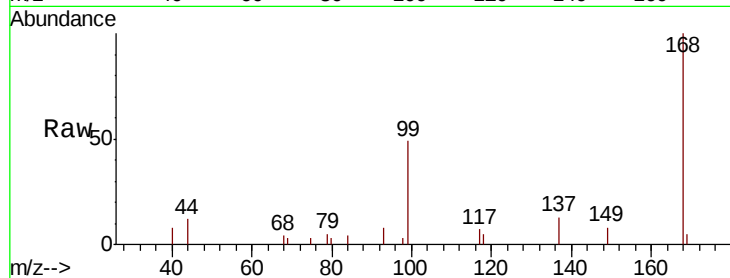
FK-GF-02-028-A

Tot Ion:168 Resp: 30499

Ion Ratio Lower Upper

168 100

99 49.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

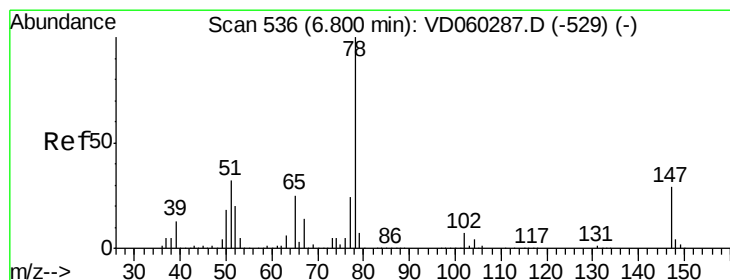
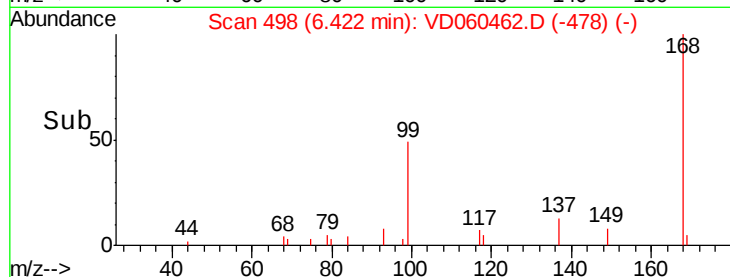
6.42

10000

5000

0

Time--> 6.30 6.40 6.50



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. -0.00 min

Lab File: VD060462.D

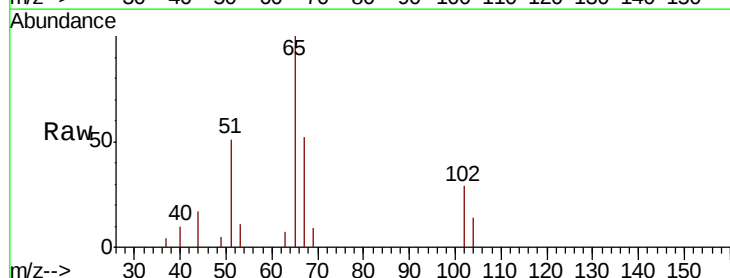
Acq: 29 Nov 2018 12:37

Tgt Ion: 65 Resp: 21669

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

10000

8000

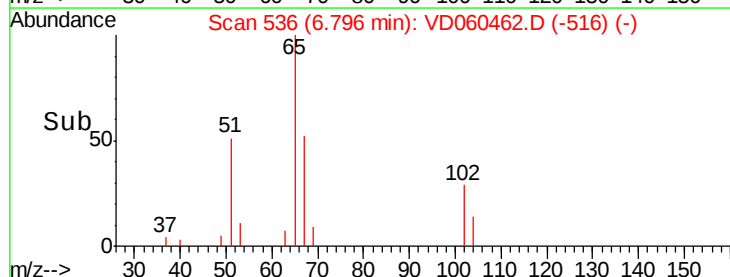
6000

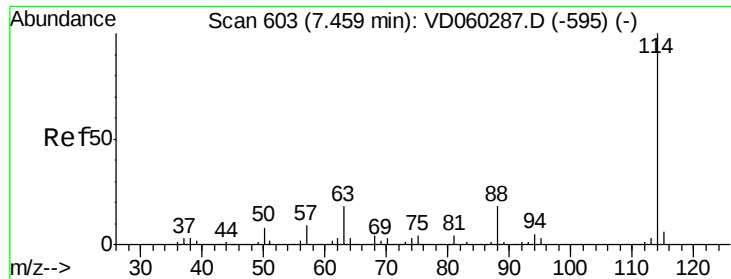
4000

2000

0

Time--> 6.70 6.80 6.90

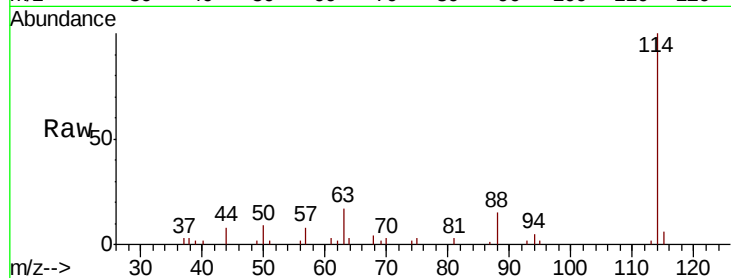




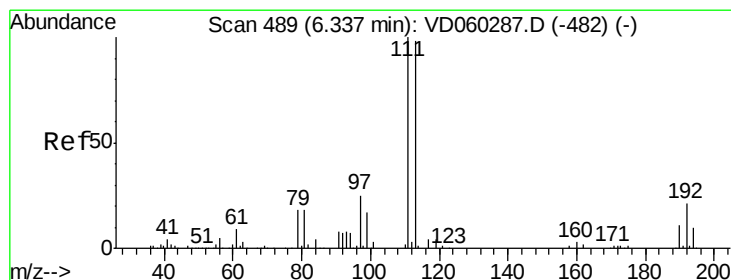
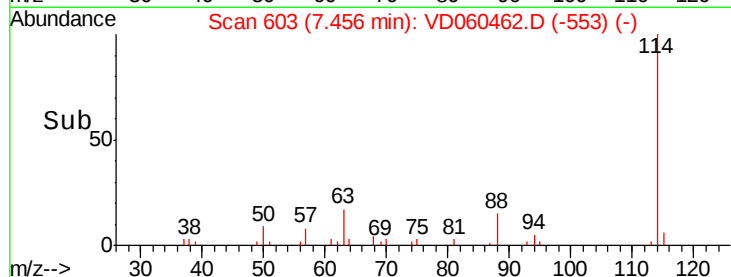
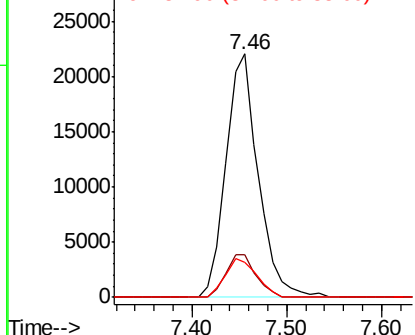
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VD060462.D
 Acq: 29 Nov 2018 12:37

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

Tot Ion:114 Resp: 52074
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.0
 88 14.6 0.0 35.4

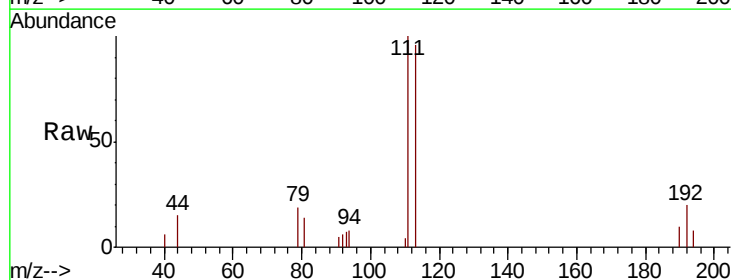


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

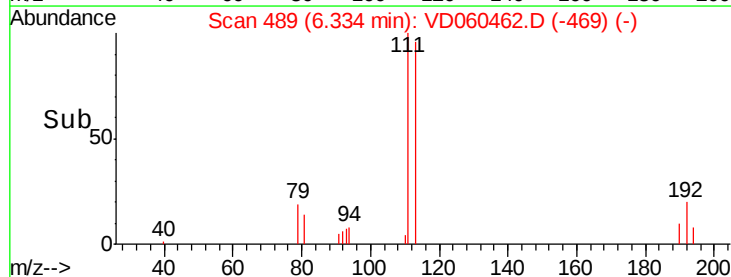
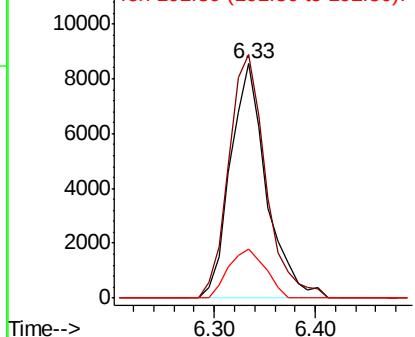


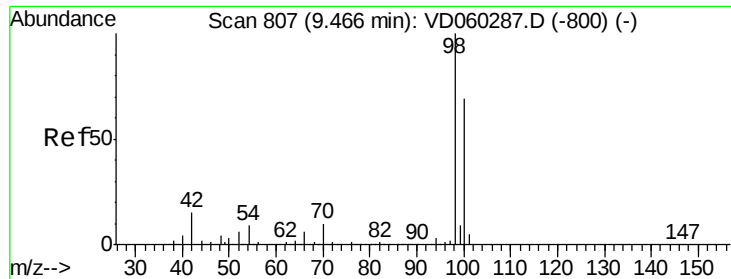
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VD060462.D
 Acq: 29 Nov 2018 12:37

Tgt Ion:113 Resp: 21194
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.6 122.4
 192 20.8 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# 807

Delta R.T. -0.00 min

Lab File: VD060462.D

Acq: 29 Nov 2018 12:37

Instrument :

MSVOA_D

ClientSampleId :

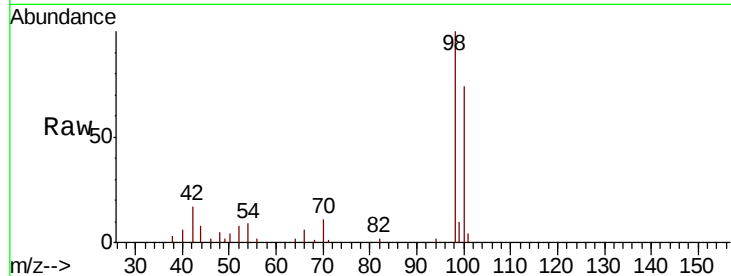
FK-GF-02-028-A

Tot Ion: 98 Resp: 49220

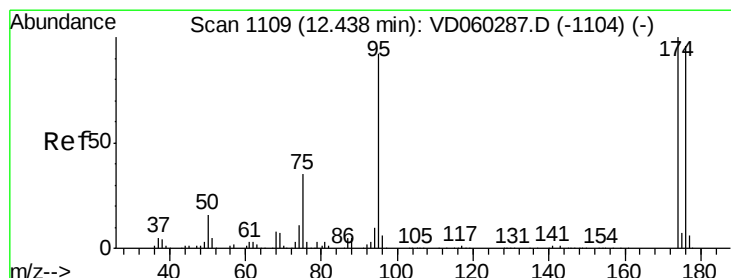
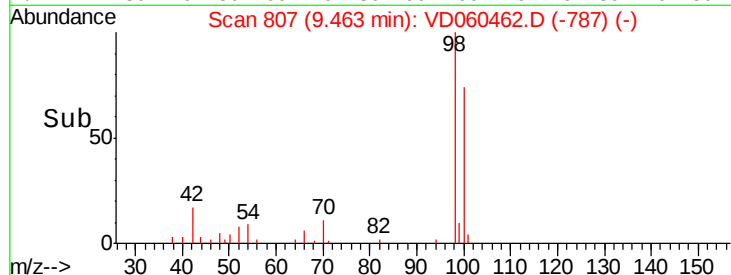
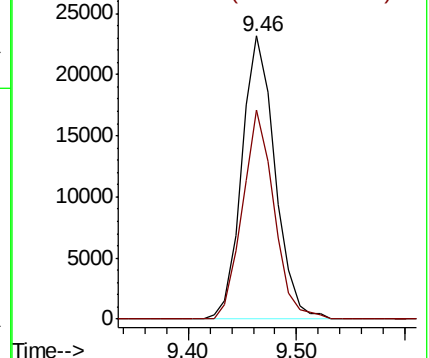
Ion Ratio Lower Upper

98 100

100 73.9 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VD060462.D (-800) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VD060462.D

Acq: 29 Nov 2018 12:37

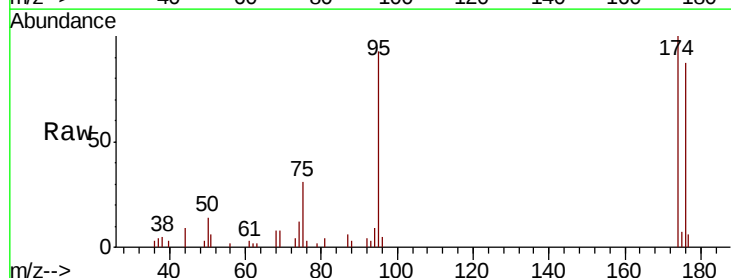
Tgt Ion: 95 Resp: 20498

Ion Ratio Lower Upper

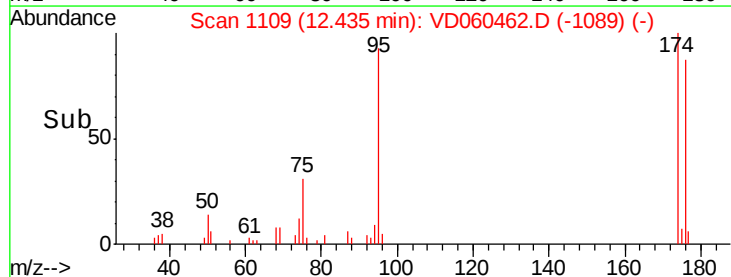
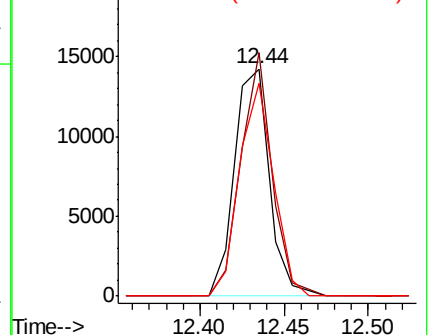
95 100

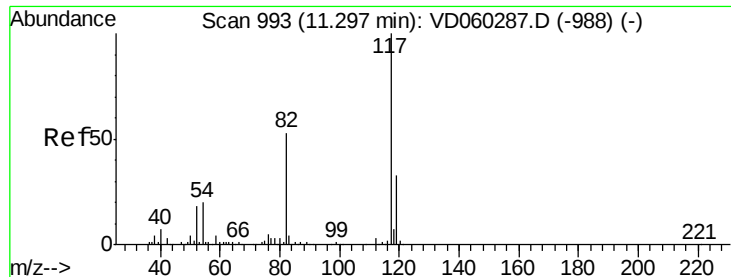
174 107.0 0.0 160.8

176 93.4 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): VD060462.D (-1089) (-)

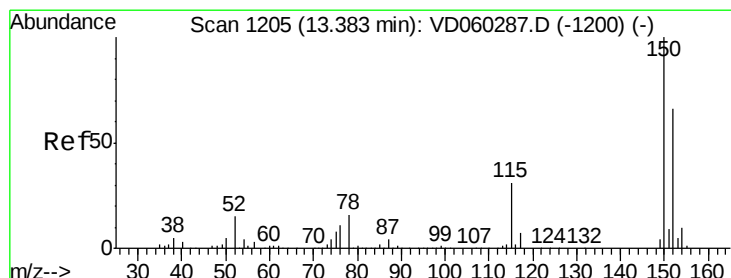
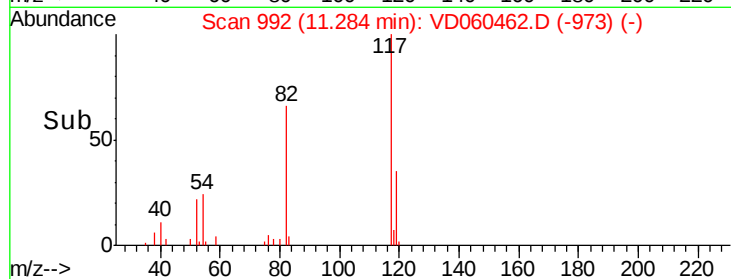
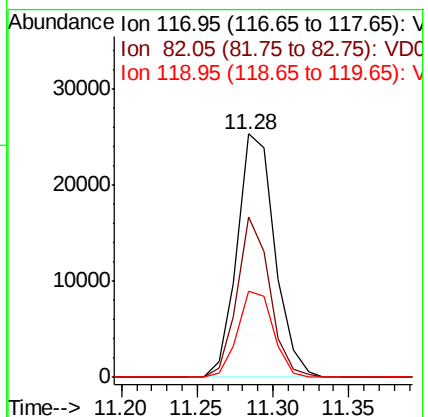
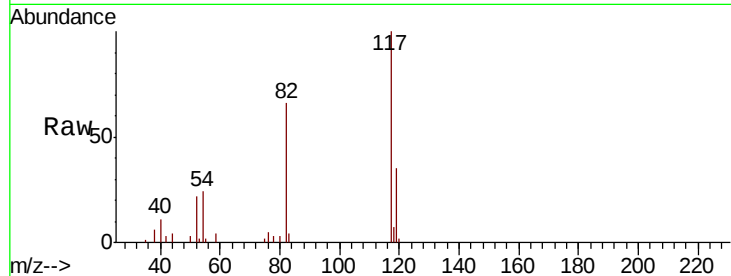




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060462.D
Acq: 29 Nov 2018 12:37

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

Tot Ion:117 Resp: 43697
Ion Ratio Lower Upper
117 100
82 65.7 43.7 65.5#
119 35.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. -0.00 min
Lab File: VD060462.D
Acq: 29 Nov 2018 12:37

Tgt Ion:152 Resp: 21320
Ion Ratio Lower Upper
152 100
115 45.3 24.1 72.3
150 151.4 0.0 310.6

