

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112918\
 Data File : VD060464.D
 Acq On : 29 Nov 2018 13:49
 Operator : VA/AP
 Sample : J6125-02
 Misc : 6.46g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 30 05:49:13 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

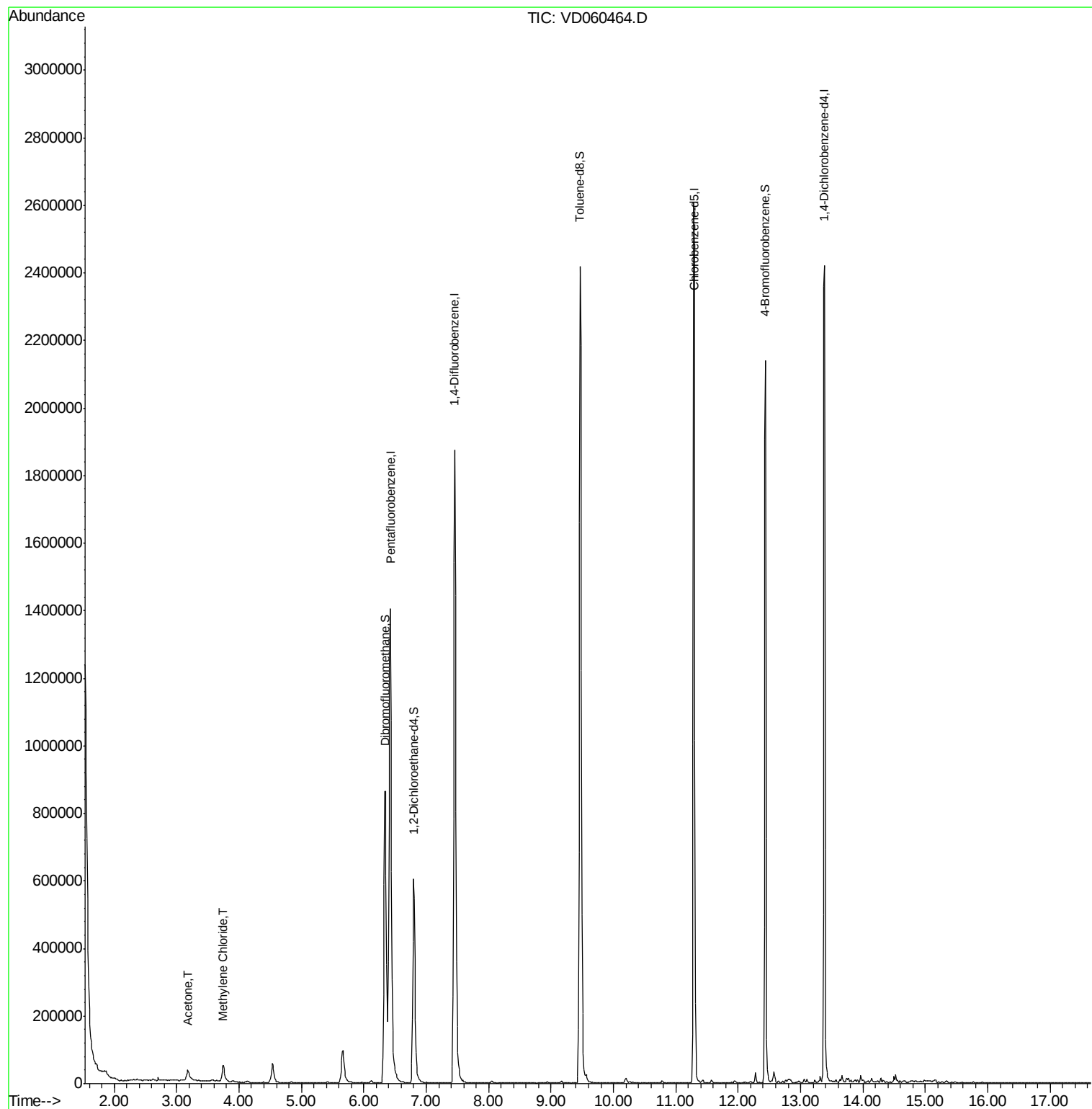
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1400126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1990505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1502928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	631409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	512623	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	6.34	113	724792	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	9.47	98	2026083	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
62) 4-Bromofluorobenzene	12.43	95	655372	41.63	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	83.26%	
Target Compounds						
16) Acetone	3.18	43	67221	38.656	ug/l	98
20) Methylene Chloride	3.75	84	30704	1.990	ug/l	89

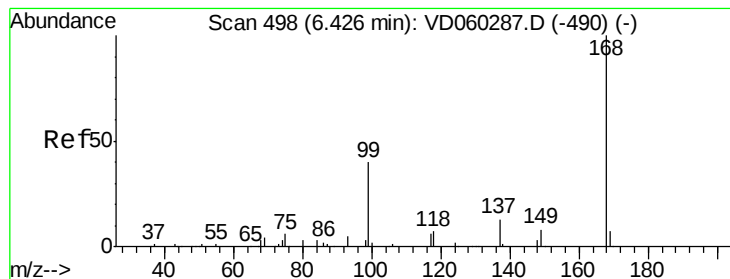
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD060464.D

Acq: 29 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

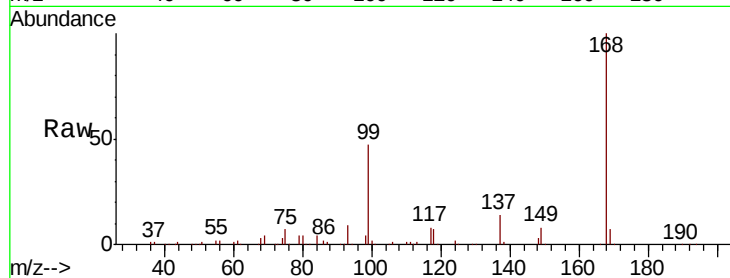
FK-GF-02-028-A

Tot Ion:168 Resp: 1400126

Ion Ratio Lower Upper

168 100

99 47.3 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

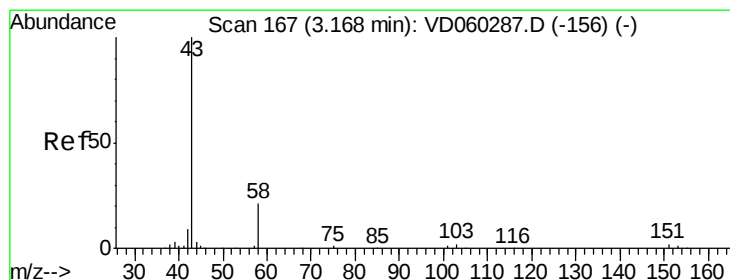
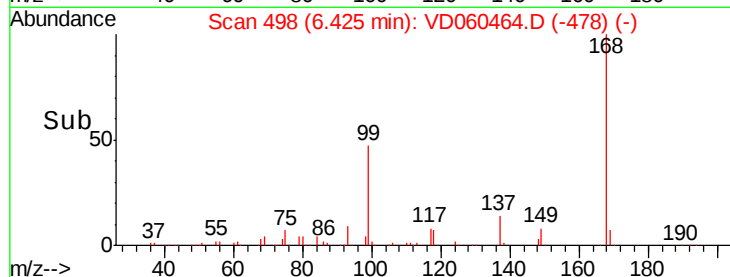
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 38.656 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.01 min

Lab File: VD060464.D

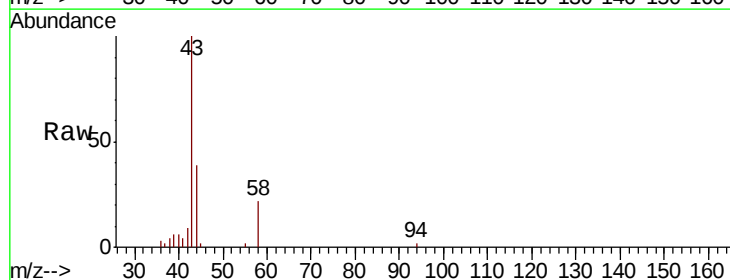
Acq: 29 Nov 2018 13:49

Tgt Ion: 43 Resp: 67221

Ion Ratio Lower Upper

43 100

58 21.9 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.18

20000

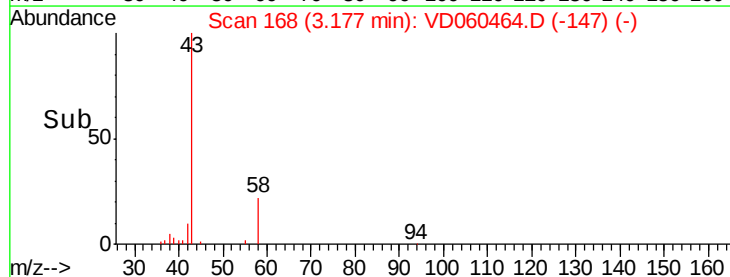
15000

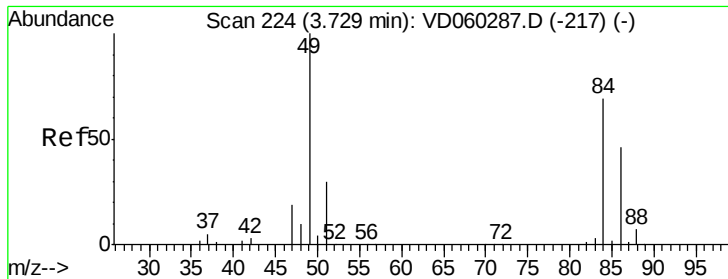
10000

5000

0

Time-->

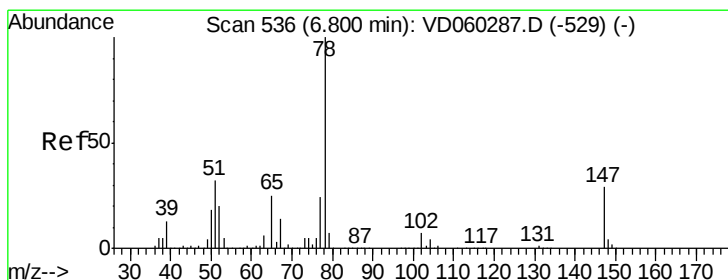
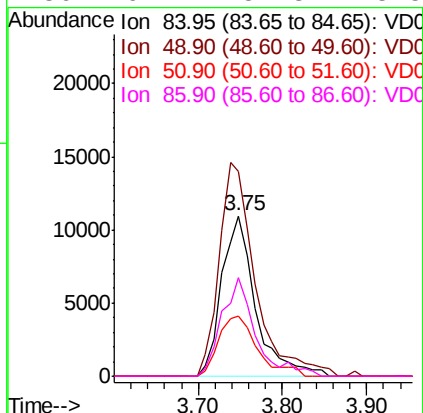
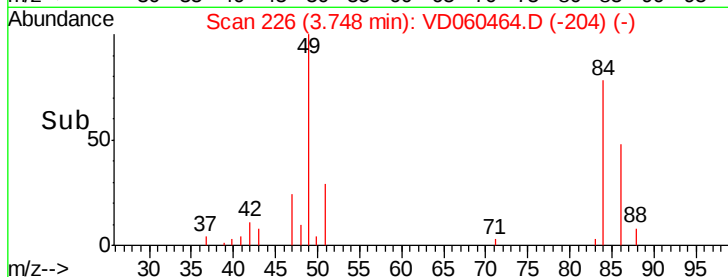
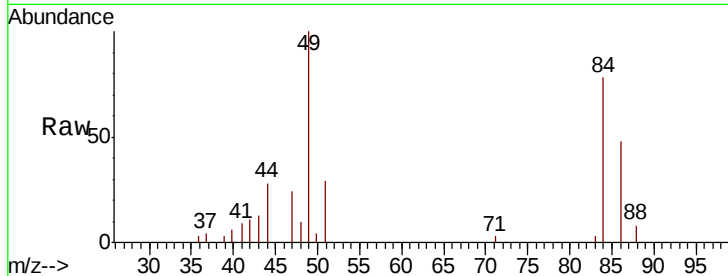




#20
Methvlene Chloride
Concen: 1.990 ug/l
RT: 3.75 min Scan# 226
Delta R.T. 0.02 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

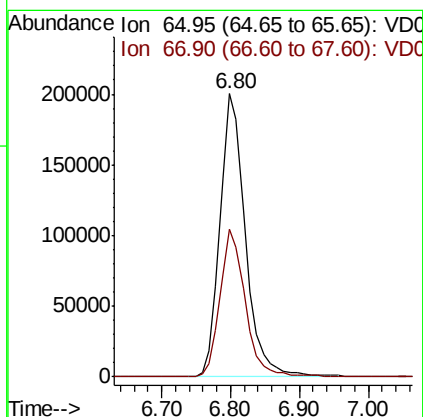
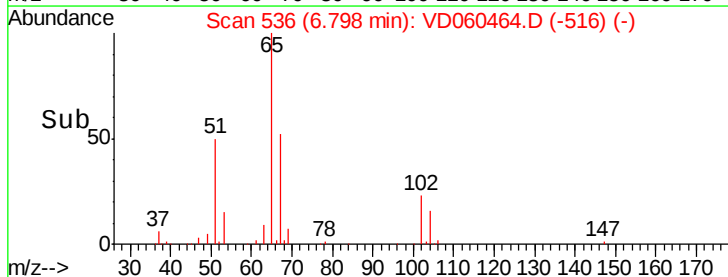
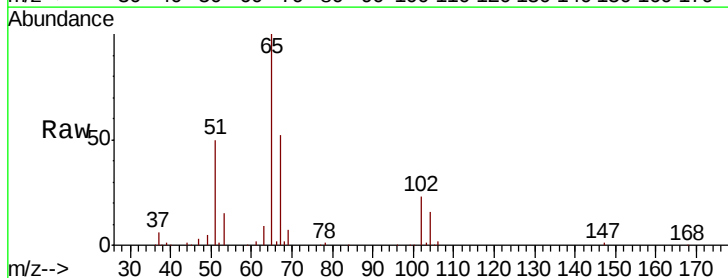
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-A

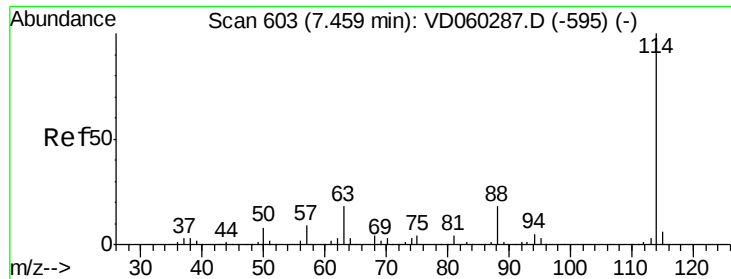
Tot Ion: 84 Resp: 30704
Ion Ratio Lower Upper
84 100
49 127.5 115.6 173.4
51 37.5 35.6 53.4
86 61.7 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.80 min Scan# 536
Delta R.T. -0.00 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

Tgt Ion: 65 Resp: 512623
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.8

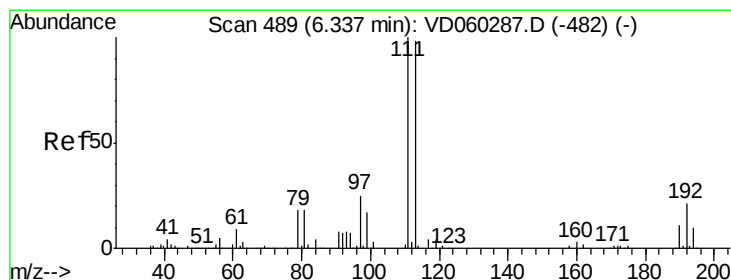
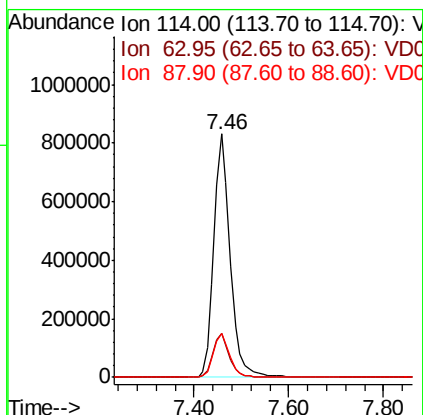
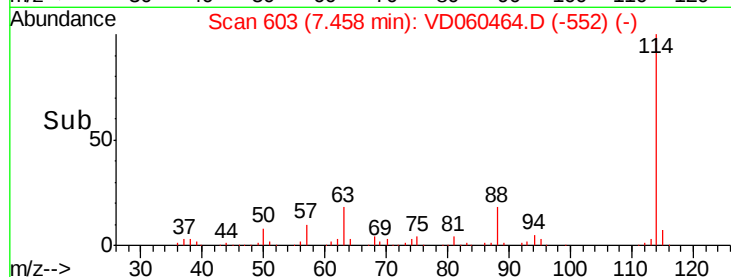
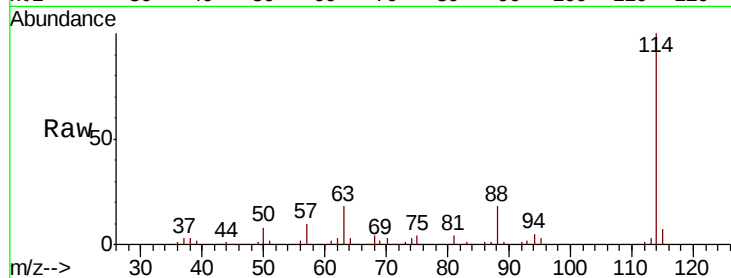




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.46 min Scan# 603
Delta R.T. -0.00 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

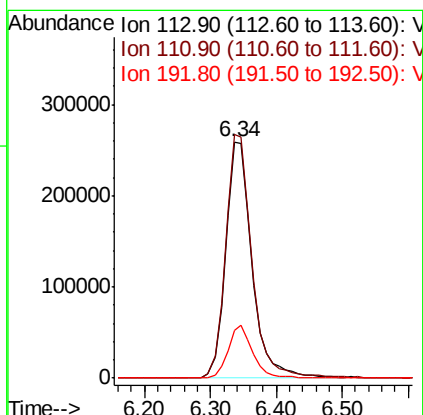
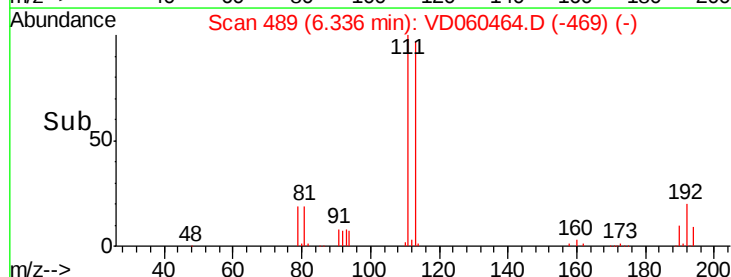
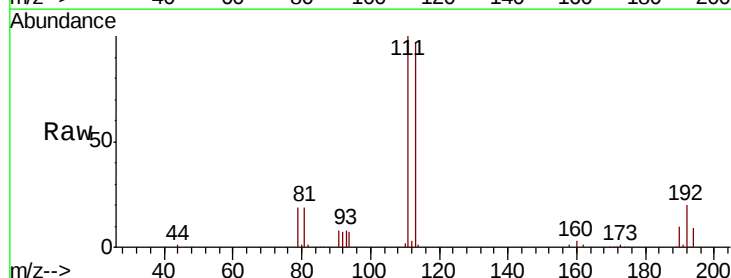
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-A

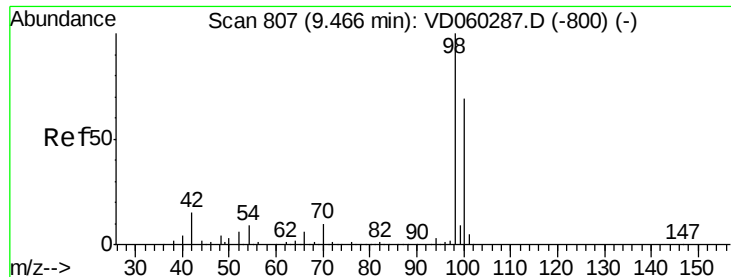
Tot Ion:114 Resp: 1990505
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.0
88 18.2 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.34 min Scan# 489
Delta R.T. -0.00 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

Tgt Ion:113 Resp: 724792
Ion Ratio Lower Upper
113 100
111 103.0 81.6 122.4
192 20.1 16.5 24.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.47 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD060464.D

Acq: 29 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

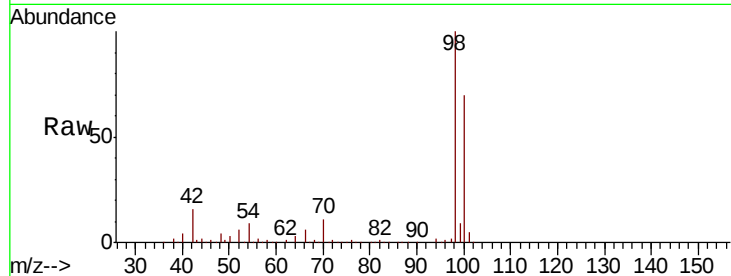
FK-GF-02-028-A

Tot Ion: 98 Resp: 2026083

Ion Ratio Lower Upper

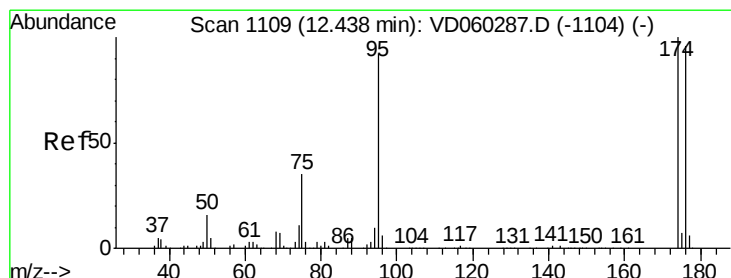
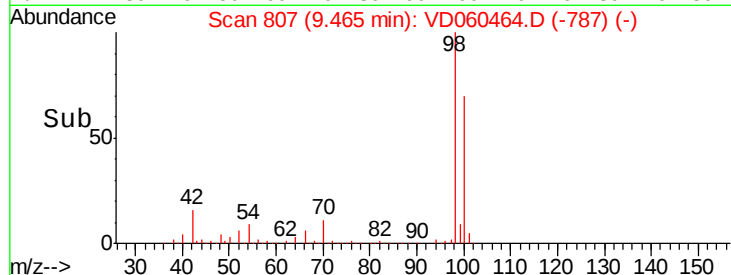
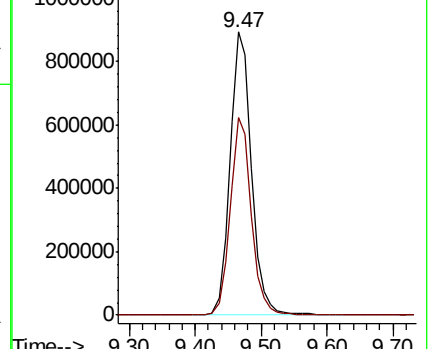
98 100

100 69.6 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060464.D

Acq: 29 Nov 2018 13:49

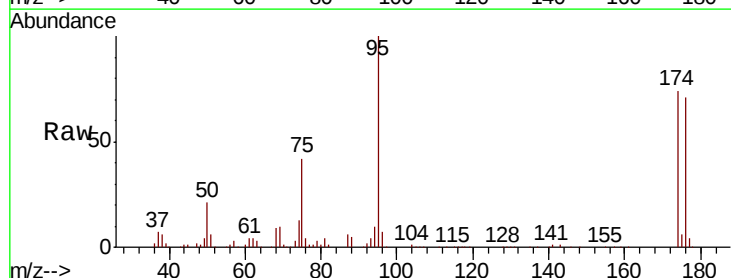
Tgt Ion: 95 Resp: 655372

Ion Ratio Lower Upper

95 100

174 73.7 0.0 160.8

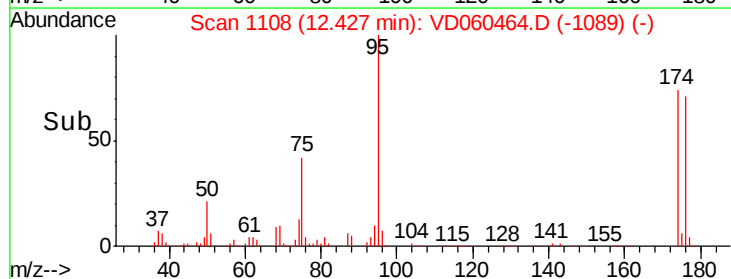
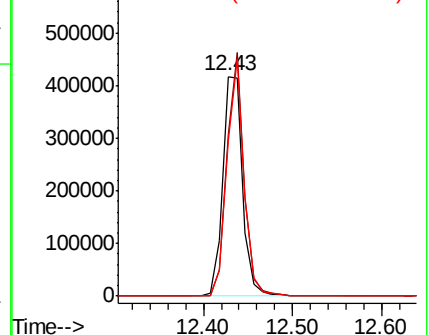
176 70.7 0.0 154.6

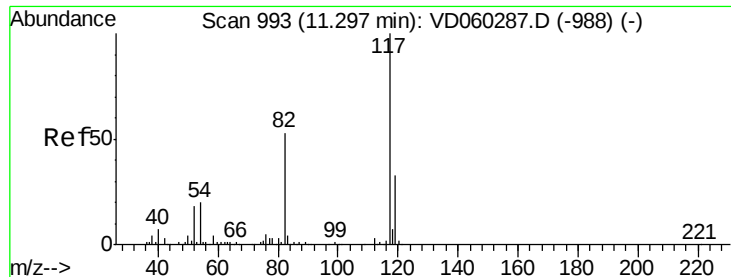


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

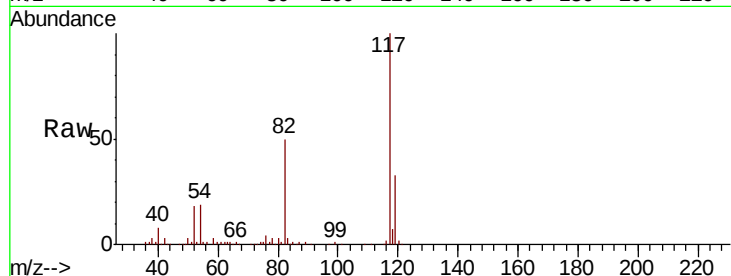




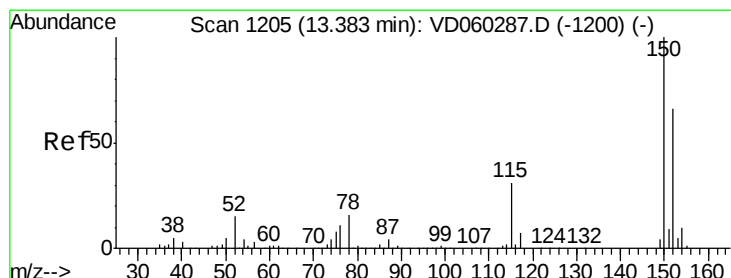
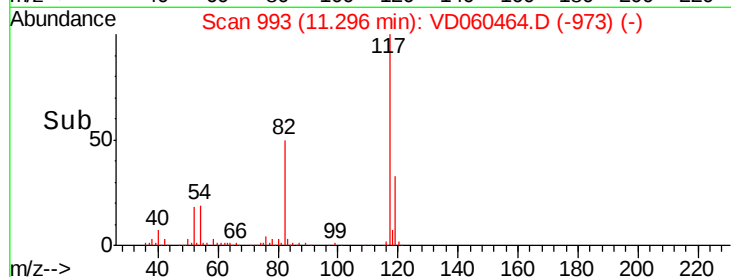
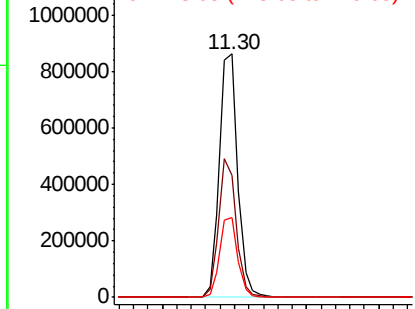
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

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

Tot Ion:117 Resp: 1502928
Ion Ratio Lower Upper
117 100
82 50.2 43.7 65.5
119 33.0 26.1 39.1

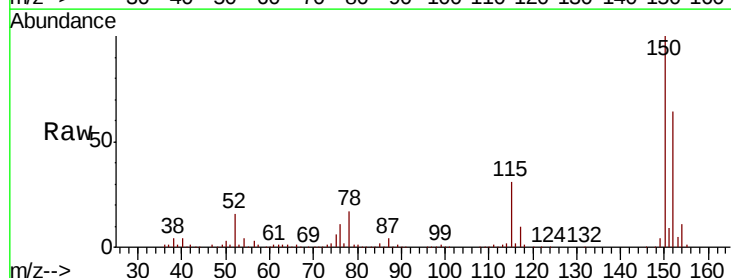


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. -0.00 min
Lab File: VD060464.D
Acq: 29 Nov 2018 13:49

Tgt Ion:152 Resp: 631409
Ion Ratio Lower Upper
152 100
115 48.6 24.1 72.3
150 155.9 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

