

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060249.D
 Acq On : 31 Oct 2018 18:45
 Operator : VA/AP
 Sample : J5202-13
 Misc : 6.19g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-03-103018-A

Quant Time: Nov 01 00:39:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

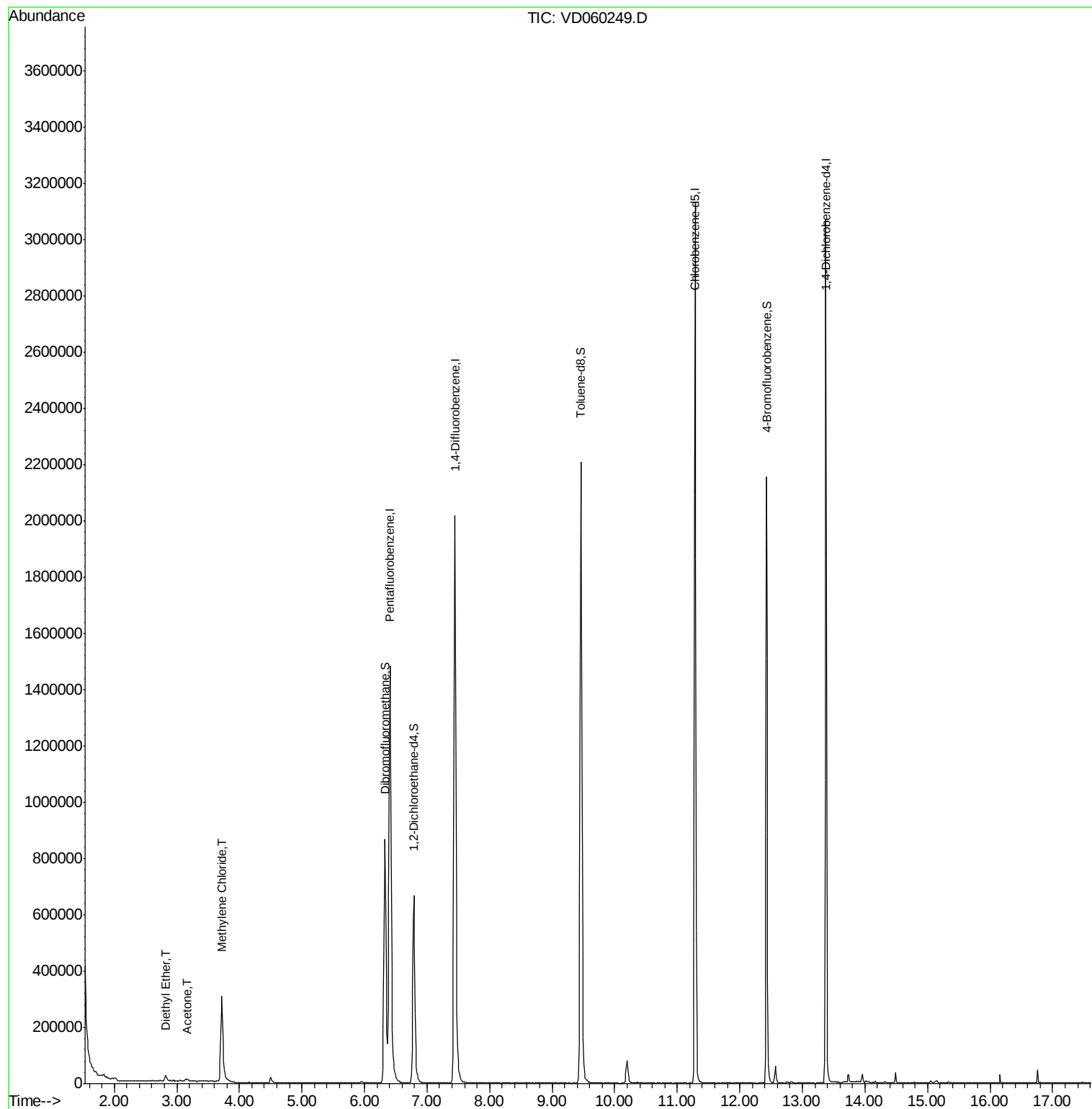
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1493308	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2174823	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1649602	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	682788	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	541783	47.86	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.72%	
35) Dibromofluoromethane	6.33	113	685943	41.53	ug/l	0.03
Spiked Amount 50.000			Recovery	=	83.06%	
50) Toluene-d8	9.46	98	1822611	38.70	ug/l	0.02
Spiked Amount 50.000			Recovery	=	77.40%	
62) 4-Bromofluorobenzene	12.43	95	608591	34.51	ug/l	0.01
Spiked Amount 50.000			Recovery	=	69.02%	
Target Compounds						
8) Diethyl Ether	2.82	74	7903	3.096	ug/l	83
16) Acetone	3.16	43	14767	7.190	ug/l	92
20) Methylene Chloride	3.72	84	182040	7.614	ug/l	98

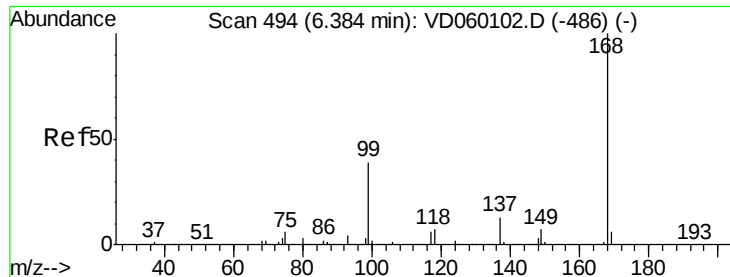
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103118\
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060249.D

Acq: 31 Oct 2018 18:45

Instrument :

MSVOA_D

ClientSampleId :

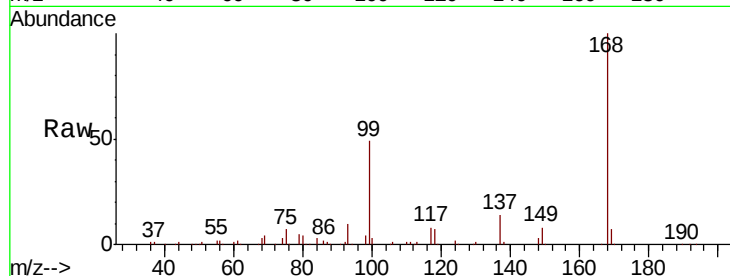
PL-03-103018-A

Tot Ion:168 Resp: 1493308

Ion Ratio Lower Upper

168 100

99 48.7 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

500000

400000

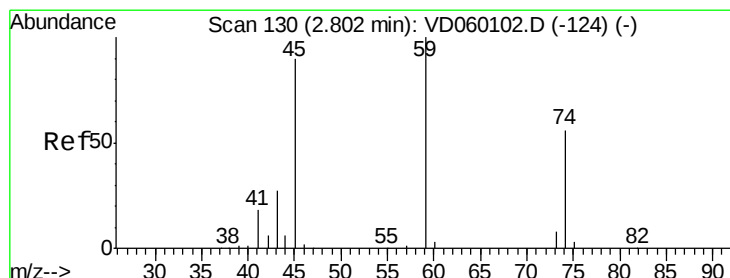
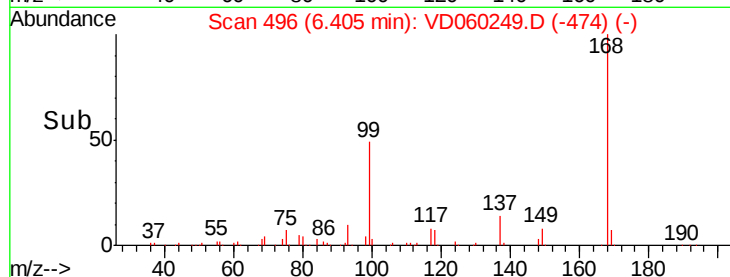
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 3.096 ug/l

RT: 2.82 min Scan# 132

Delta R.T. 0.02 min

Lab File: VD060249.D

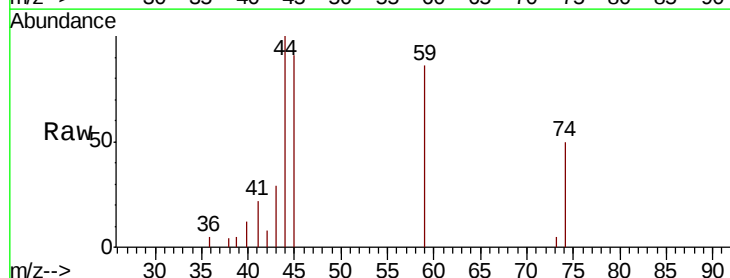
Acq: 31 Oct 2018 18:45

Tgt Ion: 74 Resp: 7903

Ion Ratio Lower Upper

74 100

45 183.4 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

8000

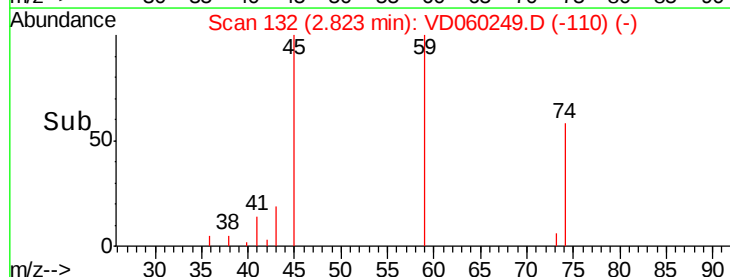
6000

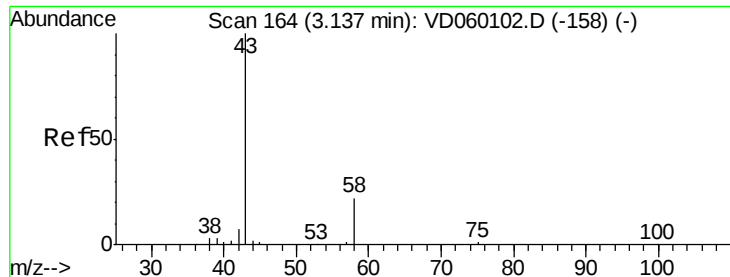
4000

2000

0

Time-->





#16

Acetone

Concen: 7.190 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060249.D

Acq: 31 Oct 2018 18:45

Instrument :

MSVOA_D

ClientSampleId :

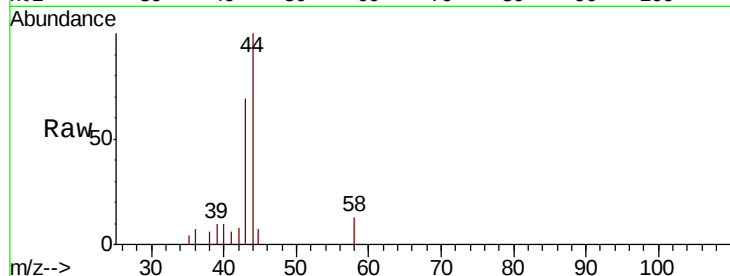
PL-03-103018-A

Tot Ion: 43 Resp: 14767

Ion Ratio Lower Upper

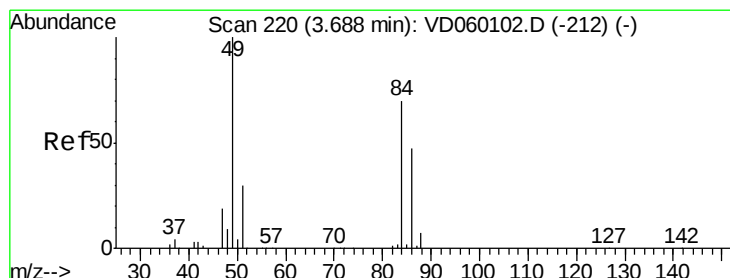
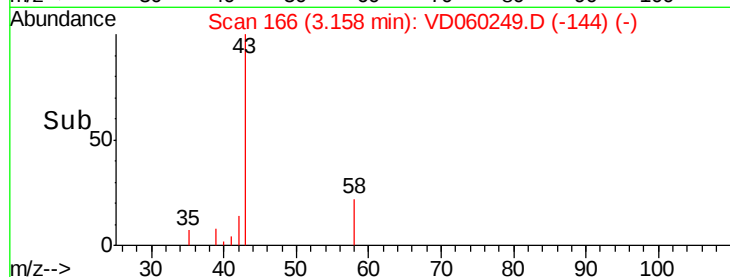
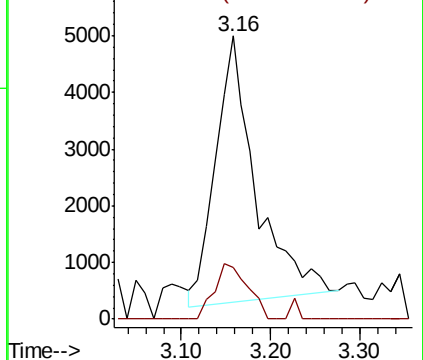
43 100

58 18.4 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 7.614 ug/l

RT: 3.72 min Scan# 223

Delta R.T. 0.03 min

Lab File: VD060249.D

Acq: 31 Oct 2018 18:45

Tgt Ion: 84 Resp: 182040

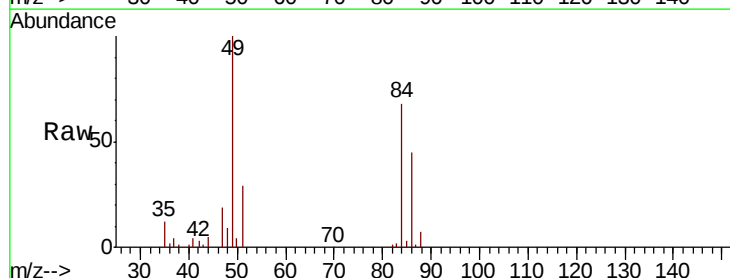
Ion Ratio Lower Upper

84 100

49 146.5 114.6 172.0

51 42.5 33.8 50.8

86 66.5 53.3 79.9

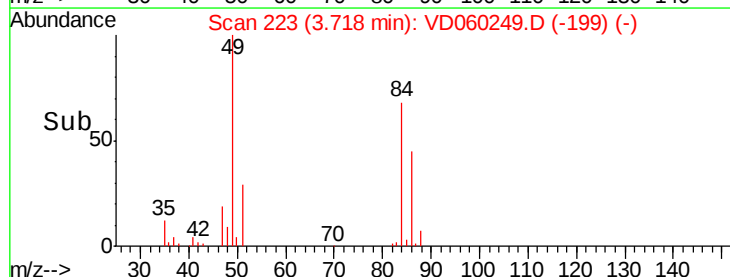
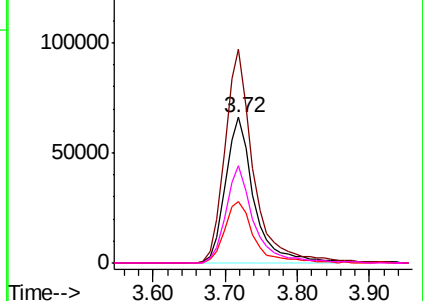


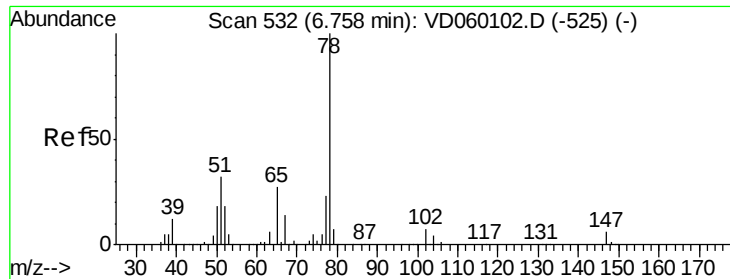
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

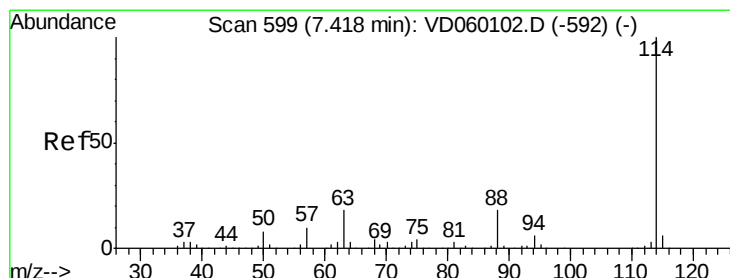
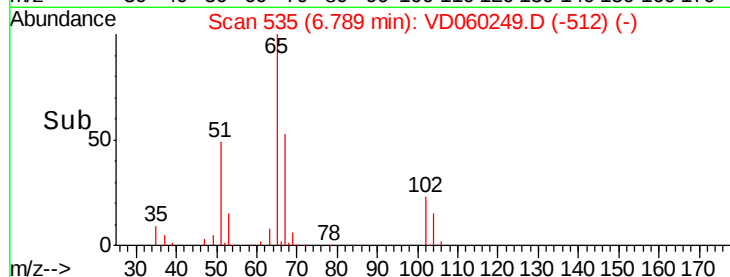
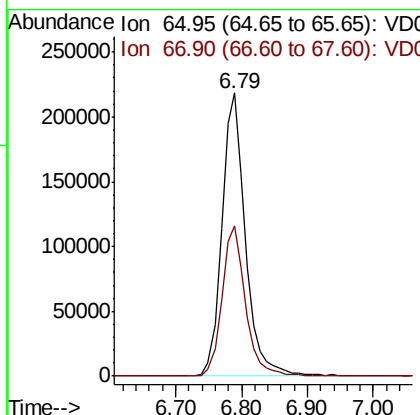
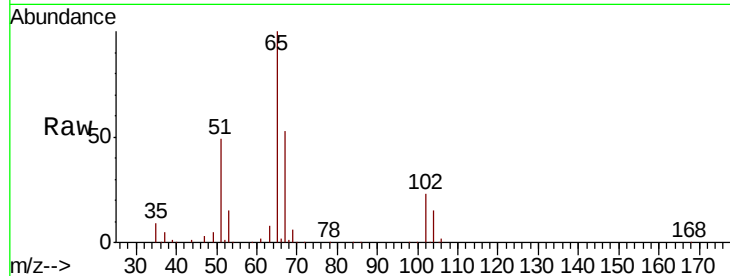




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. 0.03 min
 Lab File: VD060249.D
 Acq: 31 Oct 2018 18:45

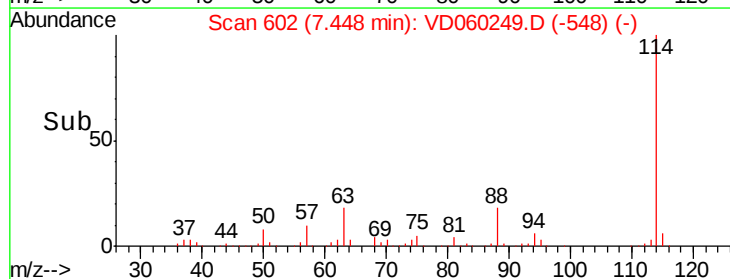
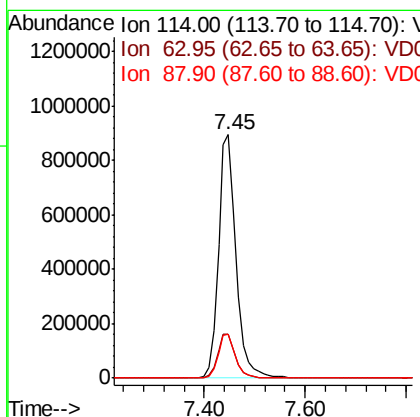
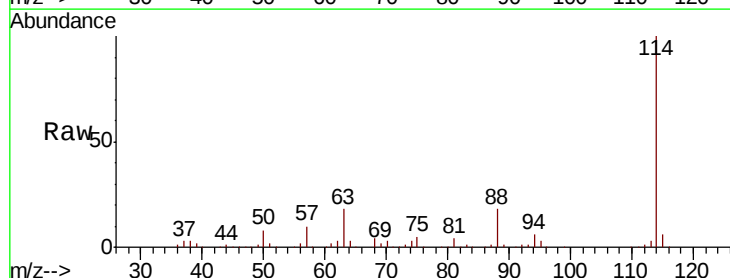
Instrument :
 MSVOA_D
 ClientSampleId :
 PL-03-103018-A

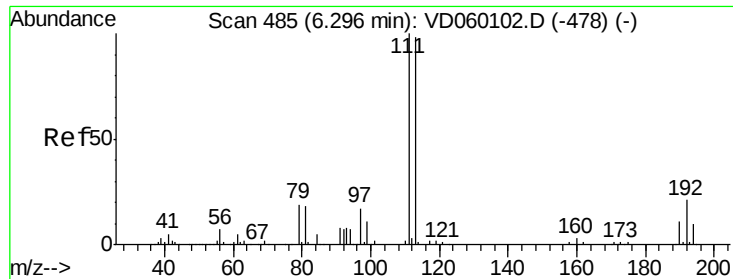
Tot Ion: 65 Resp: 541783
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060249.D
 Acq: 31 Oct 2018 18:45

Tgt Ion: 114 Resp: 2174823
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.0
 88 18.0 0.0 36.2

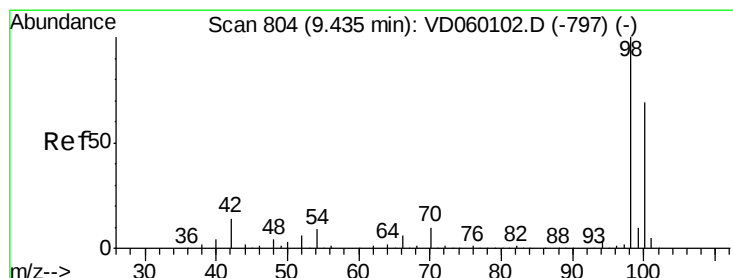
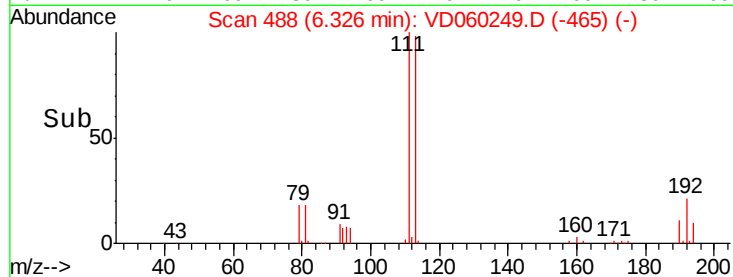
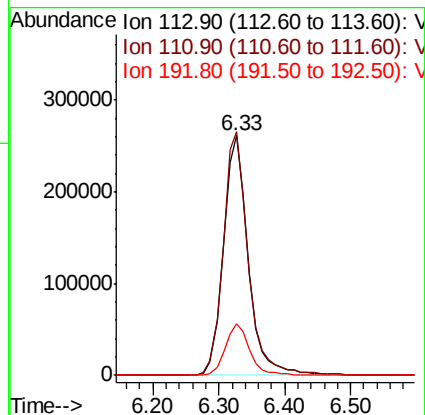
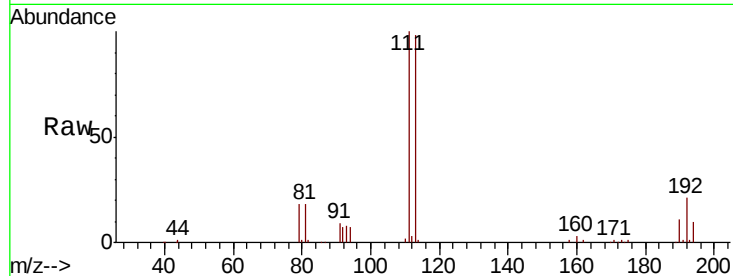




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. 0.03 min
Lab File: VD060249.D
Acq: 31 Oct 2018 18:45

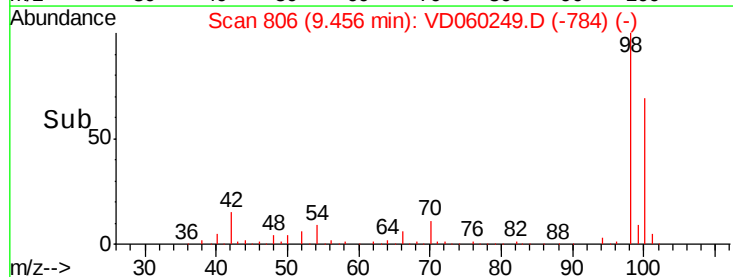
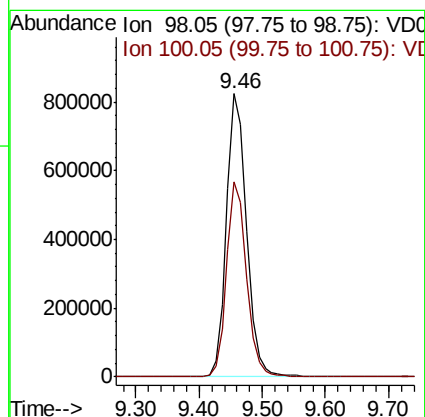
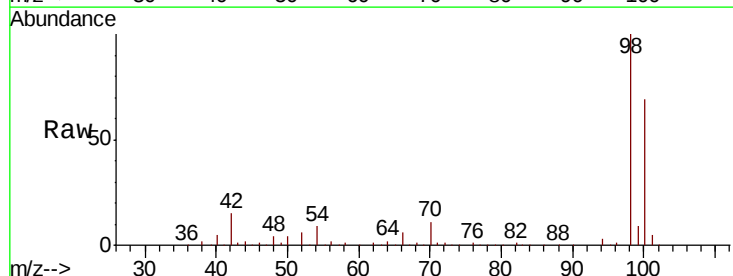
Instrument :
MSVOA_D
ClientSampleId :
PL-03-103018-A

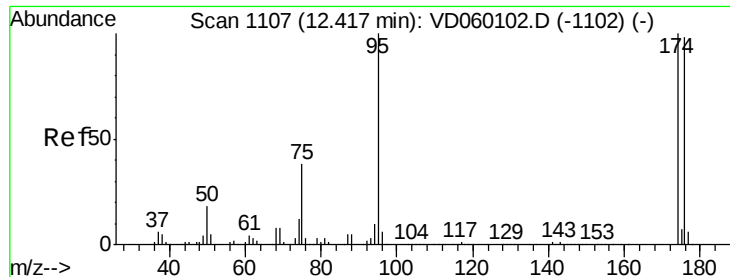
Tot Ion:113 Resp: 685943
Ion Ratio Lower Upper
113 100
111 101.7 81.5 122.3
192 21.7 17.4 26.0



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060249.D
Acq: 31 Oct 2018 18:45

Tgt Ion: 98 Resp: 1822611
Ion Ratio Lower Upper
98 100
100 68.9 55.4 83.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060249.D

Acq: 31 Oct 2018 18:45

Instrument :

MSVOA_D

ClientSampleId :

PL-03-103018-A

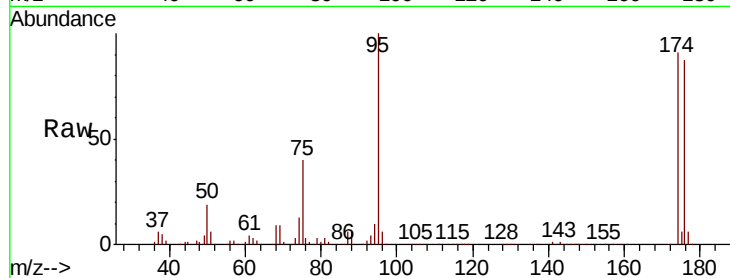
Tot Ion: 95 Resp: 608591

Ion Ratio Lower Upper

95 100

174 91.2 0.0 200.2

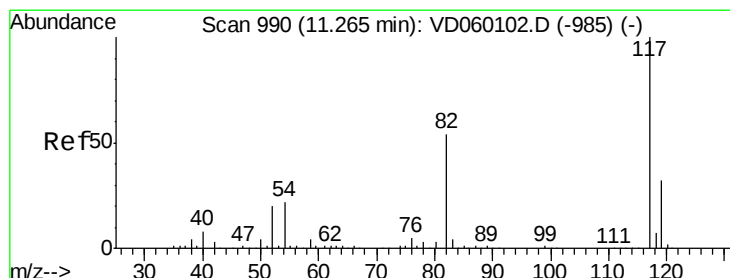
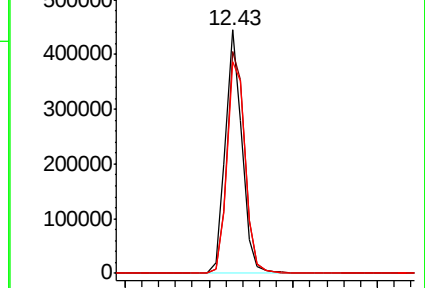
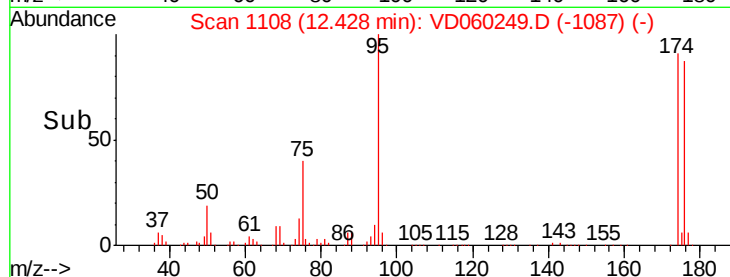
176 86.9 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.29 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060249.D

Acq: 31 Oct 2018 18:45

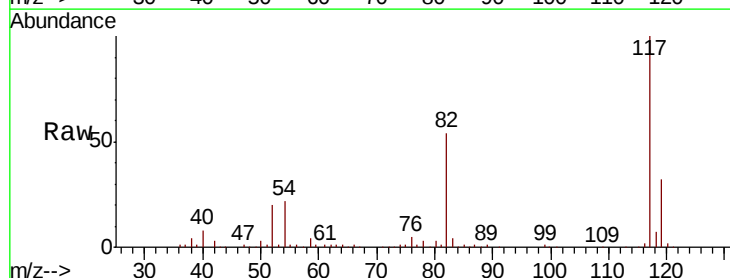
Tgt Ion: 117 Resp: 1649602

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.2

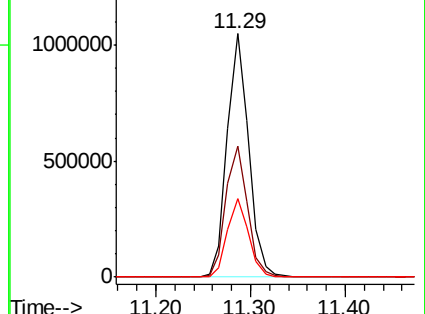
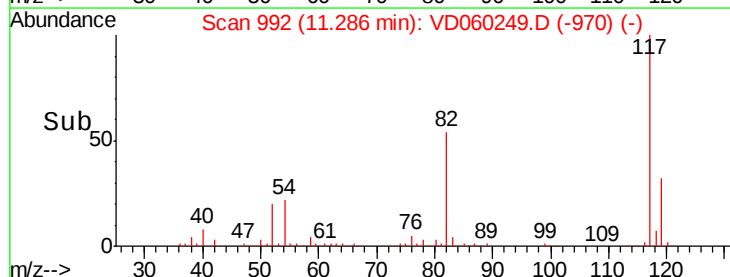
119 32.4 26.0 39.0

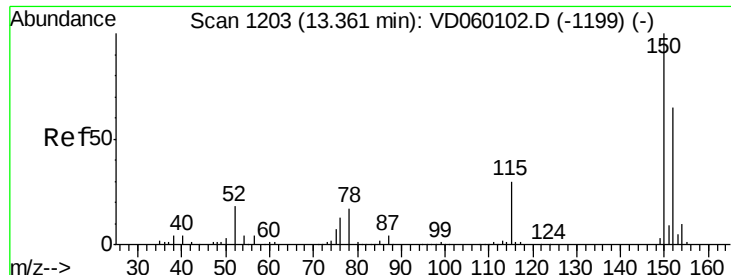


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

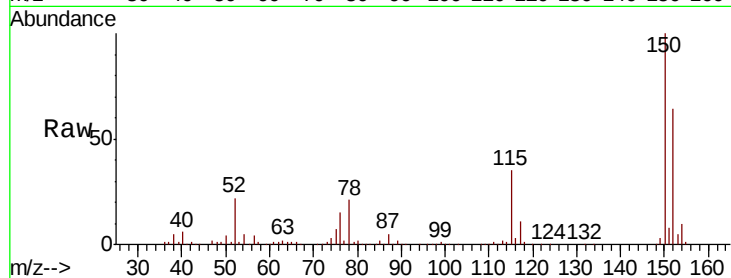




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: VD060249.D
 Acq: 31 Oct 2018 18:45

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-03-103018-A

Tot Ion:152 Resp: 682788
 Ion Ratio Lower Upper
 152 100
 115 54.1 27.1 81.2
 150 155.8 0.0 311.8



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

