

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060163.D
 Acq On : 9 Oct 2018 20:58
 Operator : VA/AP
 Sample : J5326-25
 Misc : 5.95g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FL-PIT-7

Quant Time: Oct 10 02:10:56 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

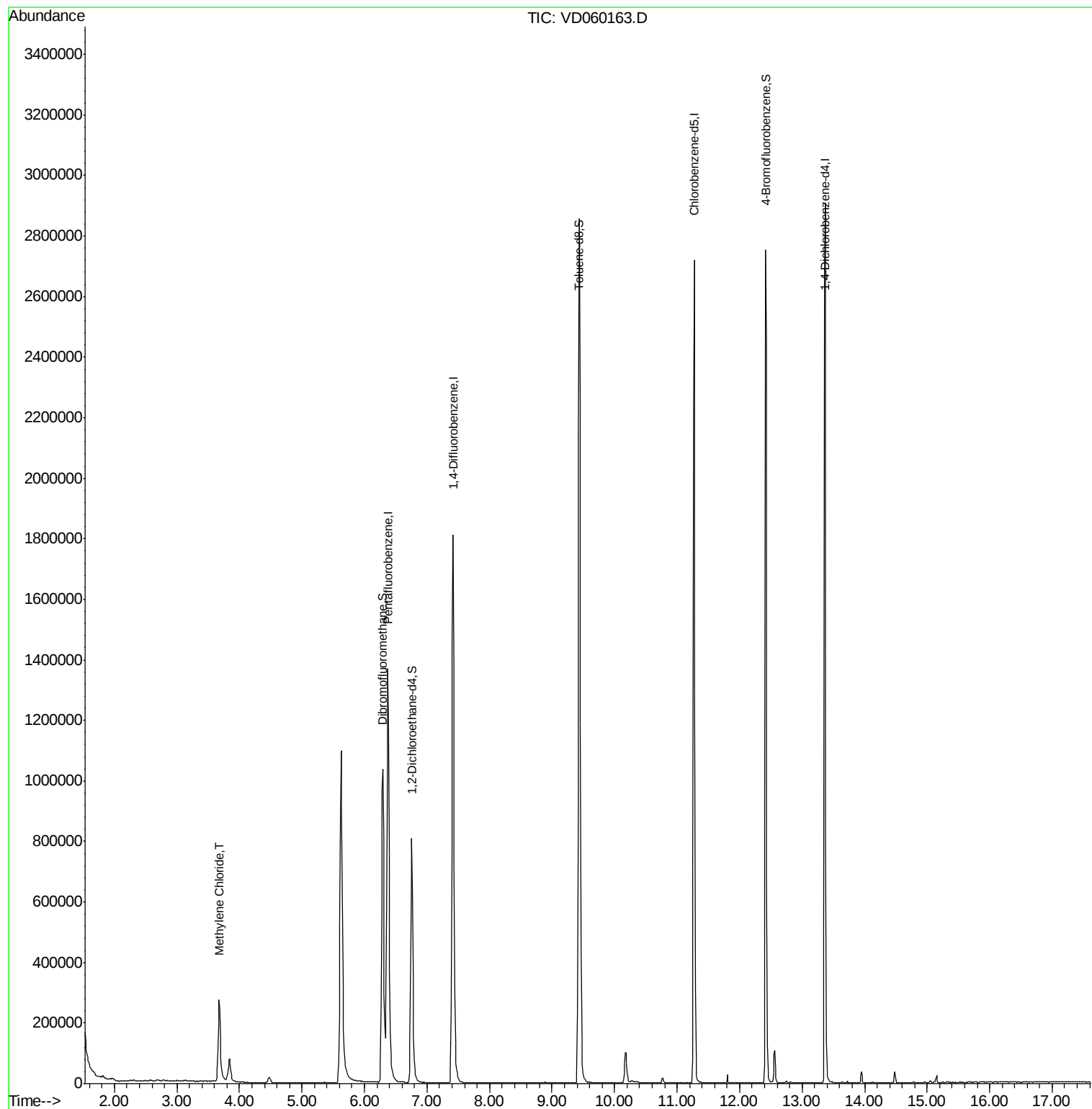
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1337507	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.42	114	1840639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1474961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	748123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	642493	63.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.74%	
35) Dibromofluoromethane	6.29	113	789538	56.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.98%	
50) Toluene-d8	9.43	98	2264000	56.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.60%	
62) 4-Bromofluorobenzene	12.41	95	824113	55.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.44%	
Target Compounds						
20) Methylene Chloride	3.68	84	160001	7.384	ug/l	Qvalue 93

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.01 min

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MSVOA_D

ClientSampleId :

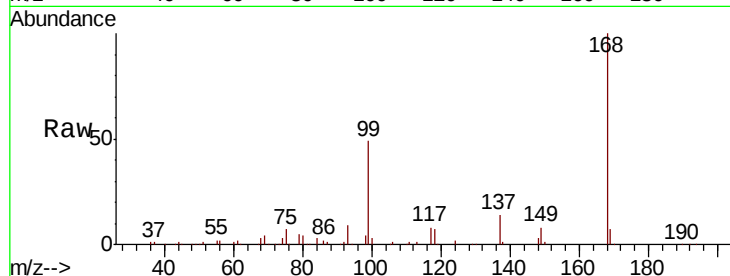
FL-PIT-7

Tot Ion:168 Resp: 1337507

Ion Ratio Lower Upper

168 100

99 48.9 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.37

500000

400000

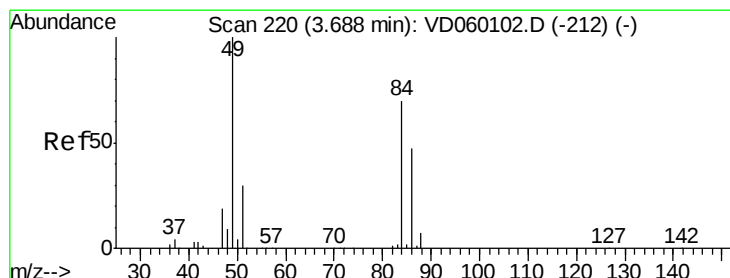
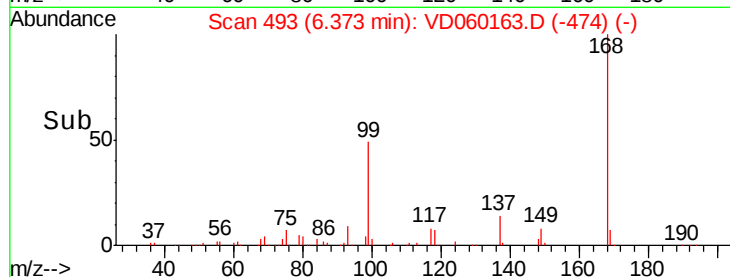
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 7.384 ug/l

RT: 3.68 min Scan# 219

Delta R.T. -0.01 min

Lab File: VD060163.D

Acq: 9 Oct 2018 20:58

Tgt Ion: 84 Resp: 160001

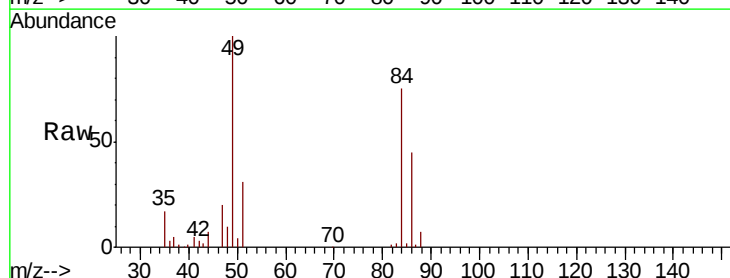
Ion Ratio Lower Upper

84 100

49 134.1 114.6 172.0

51 41.8 33.8 50.8

86 59.9 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

3.68

120000

100000

80000

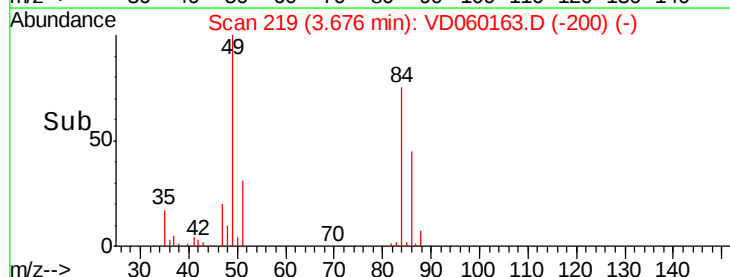
60000

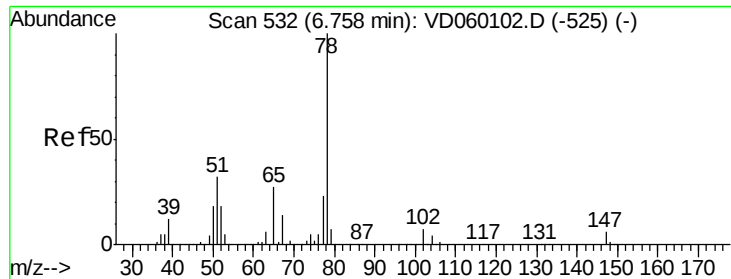
40000

20000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.00 min

Lab File: VD060163.D

Acq: 9 Oct 2018 20:58

Instrument :

MSVOA_D

ClientSampleId :

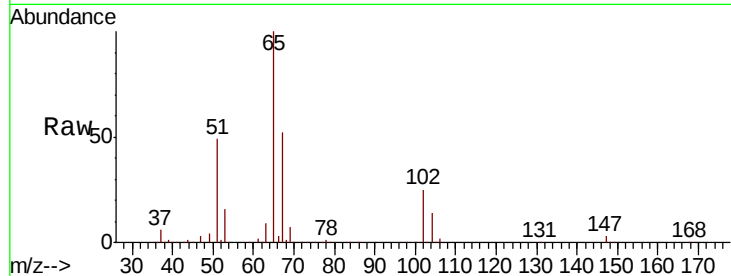
FL-PIT-7

Tot Ion: 65 Resp: 642493

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.76

250000

200000

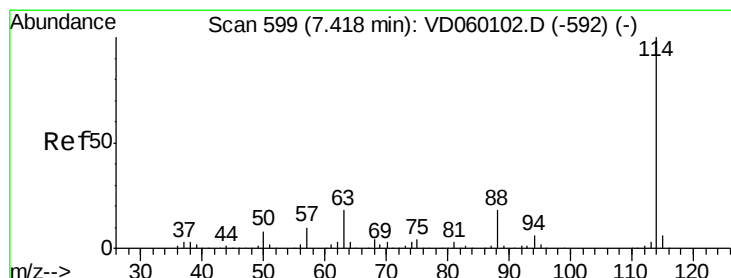
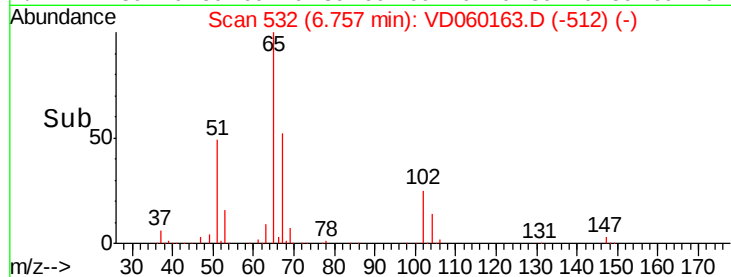
150000

100000

50000

0

Time--> 6.60 6.70 6.80 6.90



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.42 min Scan# 599

Delta R.T. -0.00 min

Lab File: VD060163.D

Acq: 9 Oct 2018 20:58

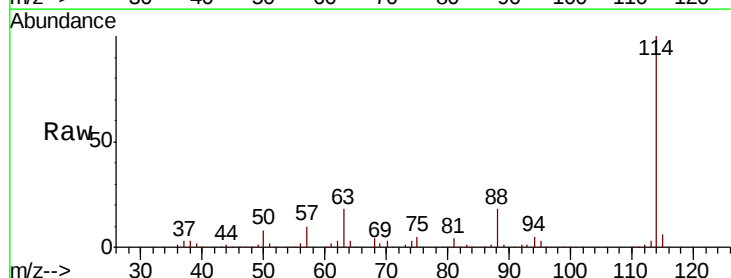
Tgt Ion: 114 Resp: 1840639

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.0

88 18.4 0.0 36.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

7.42

1000000

800000

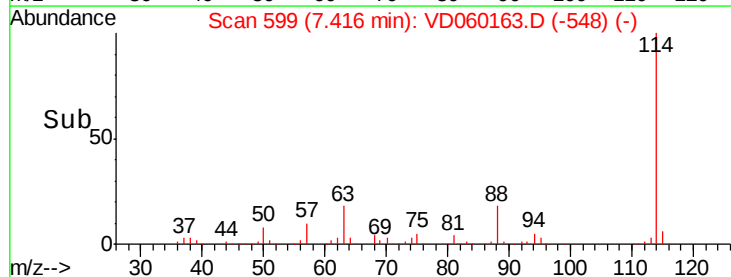
600000

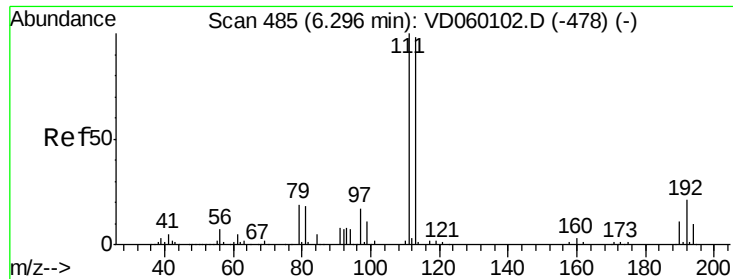
400000

200000

0

Time--> 7.20 7.40 7.60

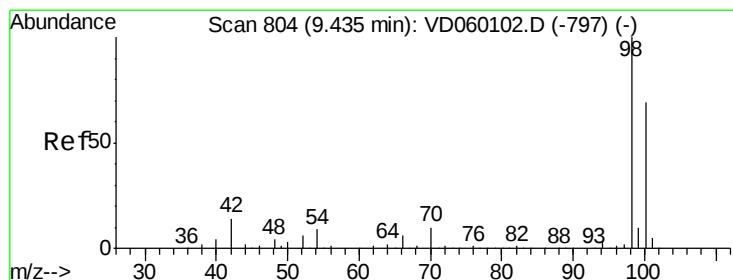
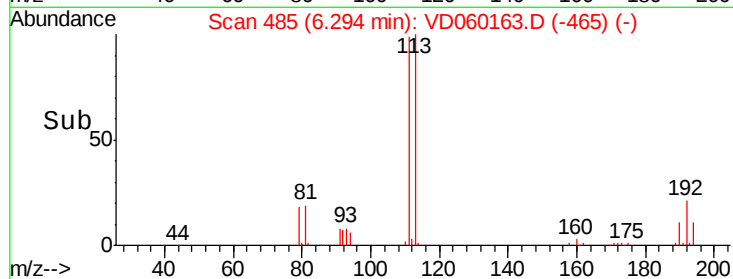
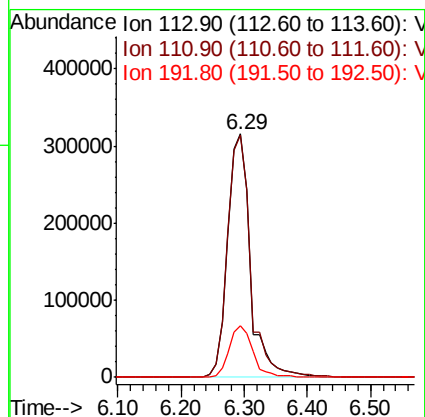
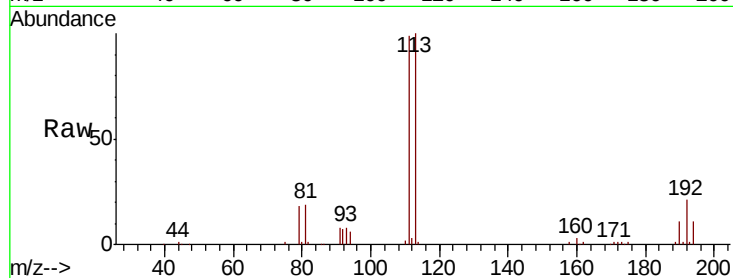




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.29 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VD060163.D
 Acq: 9 Oct 2018 20:58

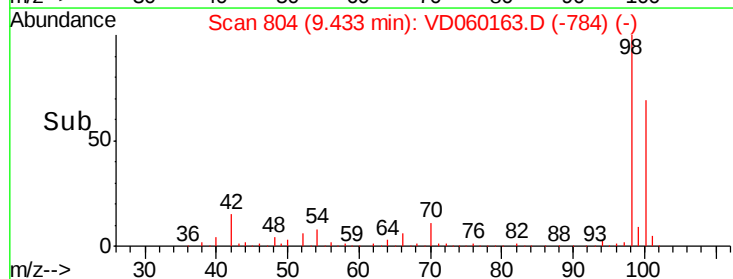
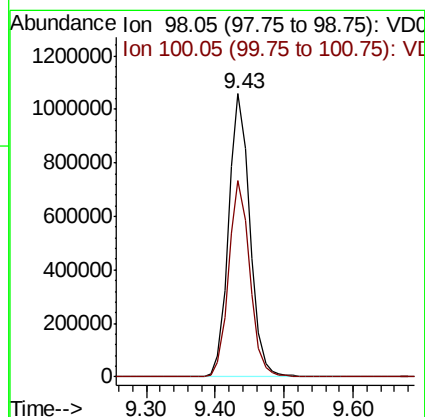
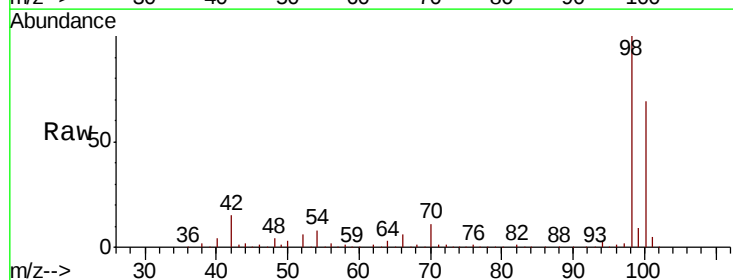
Instrument :
 MSVOA_D
 ClientSampleId :
 FL-PIT-7

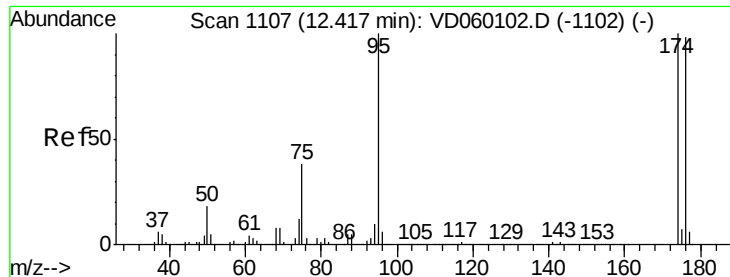
Tot Ion:113 Resp: 789538
 Ion Ratio Lower Upper
 113 100
 111 99.3 81.5 122.3
 192 21.1 17.4 26.0



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.43 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VD060163.D
 Acq: 9 Oct 2018 20:58

Tgt Ion: 98 Resp: 2264000
 Ion Ratio Lower Upper
 98 100
 100 69.3 55.4 83.0

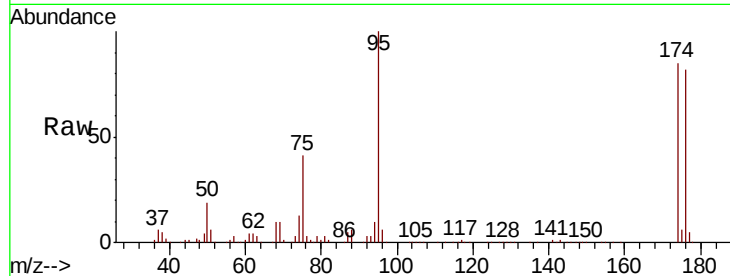




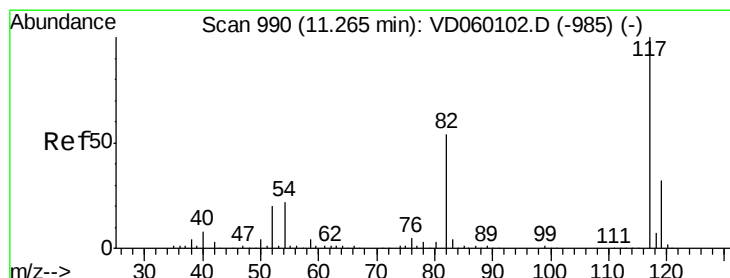
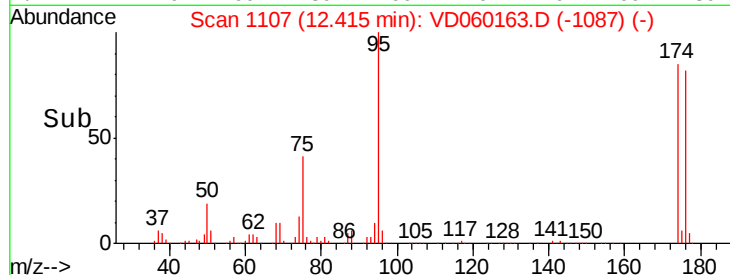
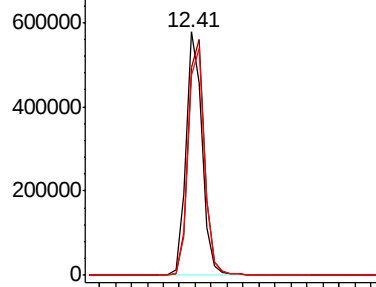
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD060163.D
Acq: 9 Oct 2018 20:58

Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-7

Tot Ion: 95 Resp: 824113
Ion Ratio Lower Upper
95 100
174 85.4 0.0 200.2
176 82.1 0.0 195.6

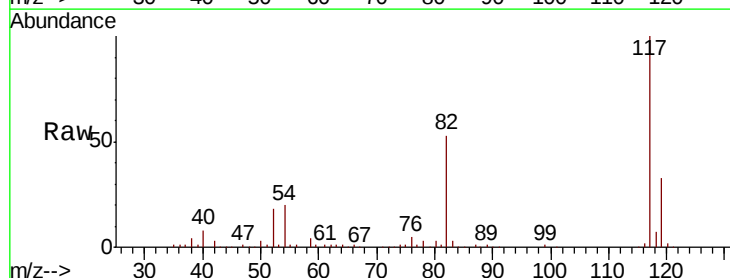


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

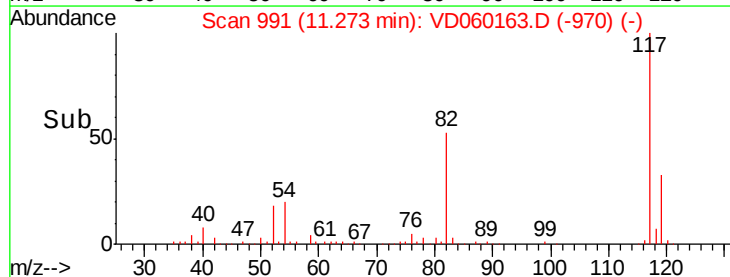
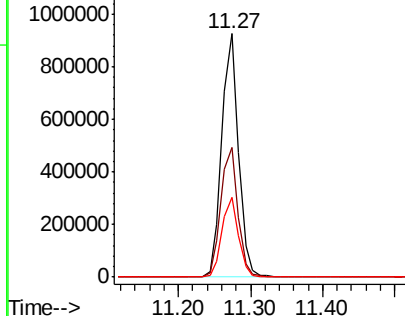


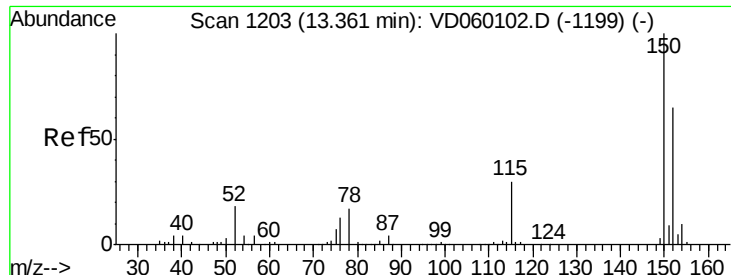
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060163.D
Acq: 9 Oct 2018 20:58

Tgt Ion: 117 Resp: 1474961
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.2
119 32.7 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

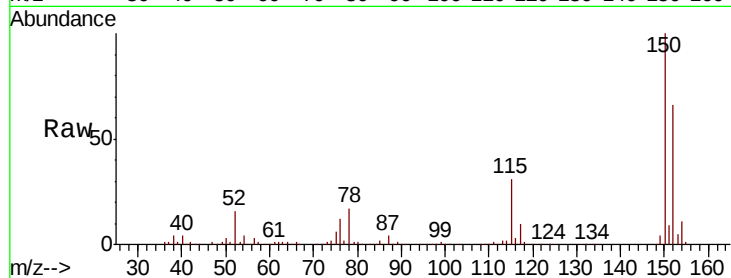




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: VD060163.D
 Acq: 9 Oct 2018 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 FL-PIT-7

Tot Ion:152 Resp: 748123
 Ion Ratio Lower Upper
 152 100
 115 46.7 27.1 81.2
 150 151.1 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

