

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060155.D
 Acq On : 9 Oct 2018 17:10
 Operator : VA/AP
 Sample : J5201-03
 Misc : 5.85g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-100818-B

Quant Time: Oct 10 11:38:47 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

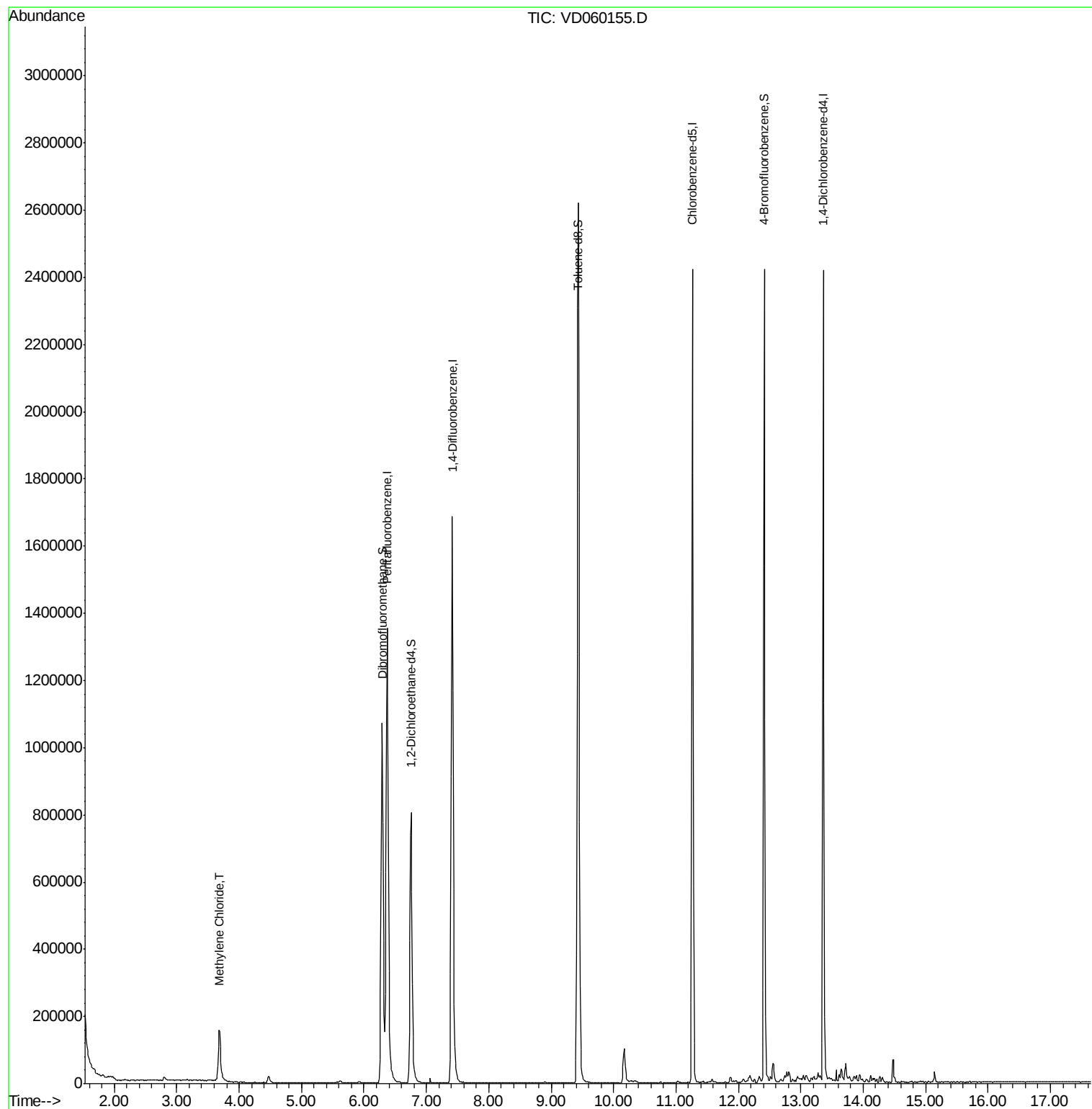
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1330321	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.42	114	1799461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.26	117	1281711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	530582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	650826	64.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.08%	
35) Dibromofluoromethane	6.29	113	843270	61.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.42%	
50) Toluene-d8	9.43	98	2128278	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
62) 4-Bromofluorobenzene	12.42	95	650656	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	
Target Compounds						
20) Methylene Chloride	3.69	84	95862	2.577	ug/l	Qvalue 98

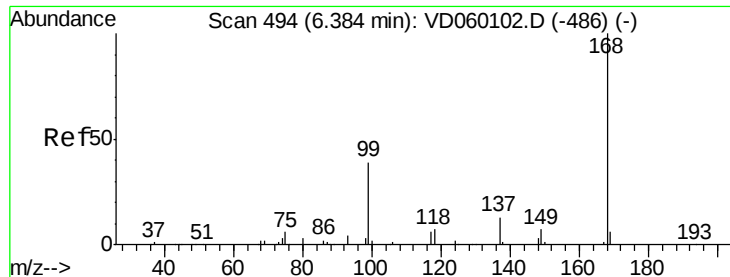
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VD060155.D

Acq: 9 Oct 2018 17:10

Instrument :

MSVOA_D

ClientSampleId :

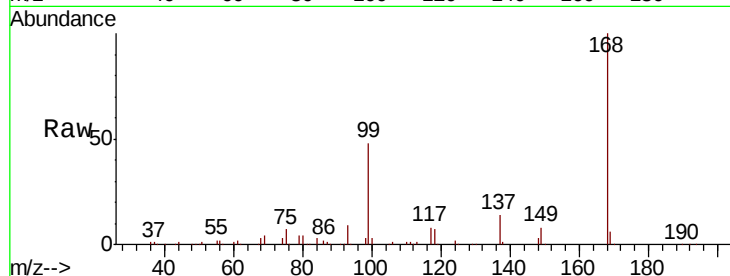
EO-02-100818-B

Tot Ion:168 Resp: 1330321

Ion Ratio Lower Upper

168 100

99 47.8 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

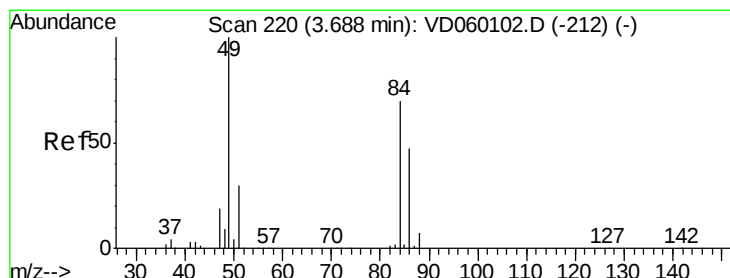
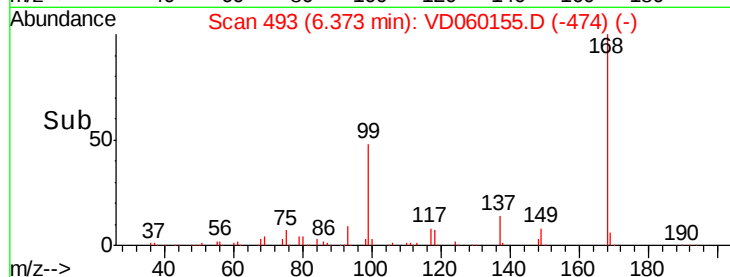
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 2.577 ug/l

RT: 3.69 min Scan# 220

Delta R.T. -0.00 min

Lab File: VD060155.D

Acq: 9 Oct 2018 17:10

Tgt Ion: 84 Resp: 95862

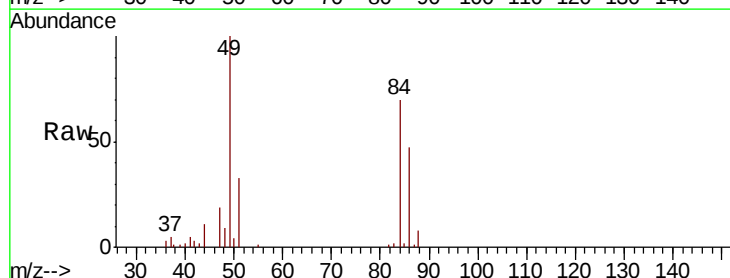
Ion Ratio Lower Upper

84 100

49 143.2 114.6 172.0

51 47.8 33.8 50.8

86 67.5 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

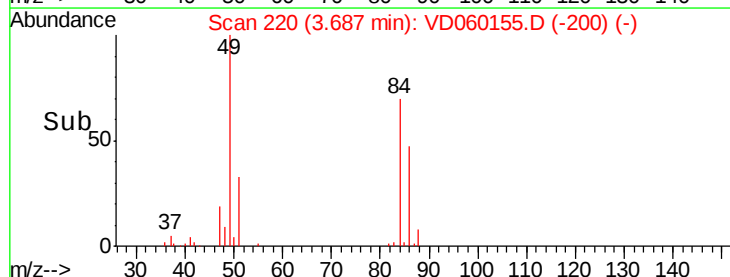
60000

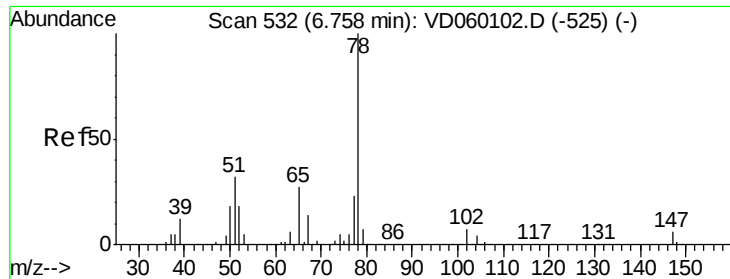
40000

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: VD060155.D

Acq: 9 Oct 2018 17:10

Instrument :

MSVOA_D

ClientSampleId :

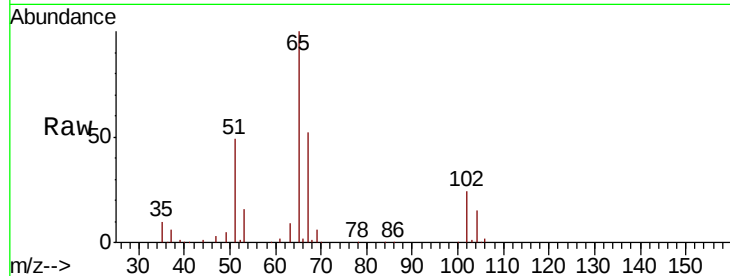
EO-02-100818-B

Tot Ion: 65 Resp: 650826

Ion Ratio Lower Upper

65 100

67 51.8 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

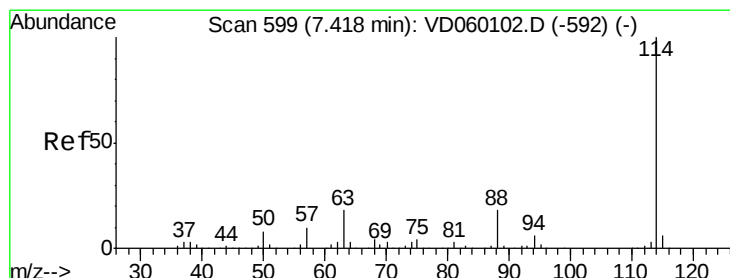
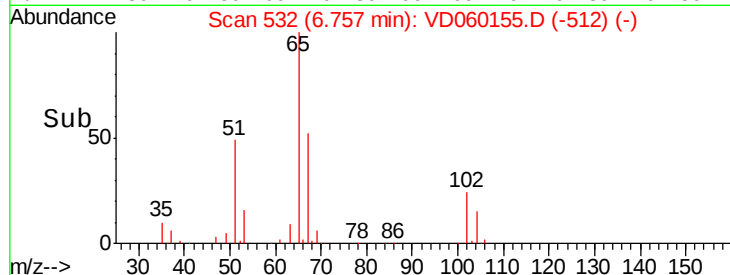
150000

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: VD060155.D

Acq: 9 Oct 2018 17:10

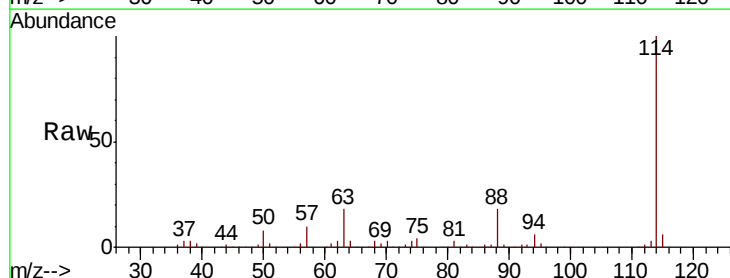
Tgt Ion: 114 Resp: 1799461

Ion Ratio Lower Upper

114 100

63 17.6 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

1000000

800000

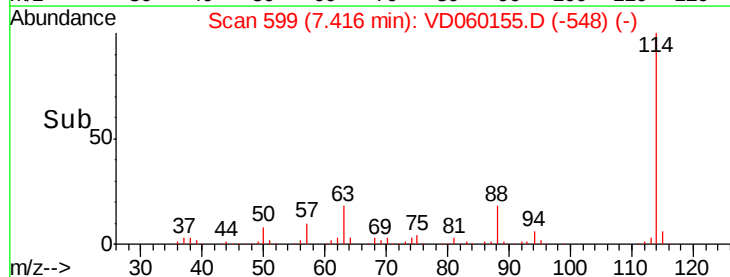
600000

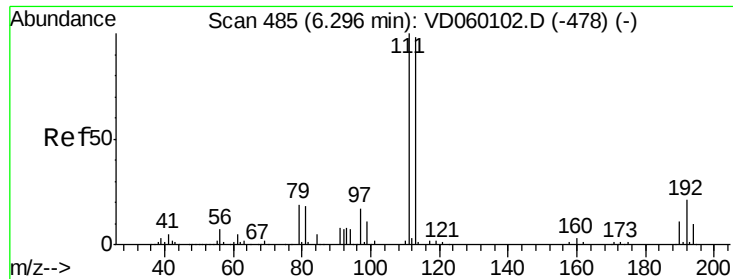
400000

200000

0

Time--> 7.20 7.40 7.60

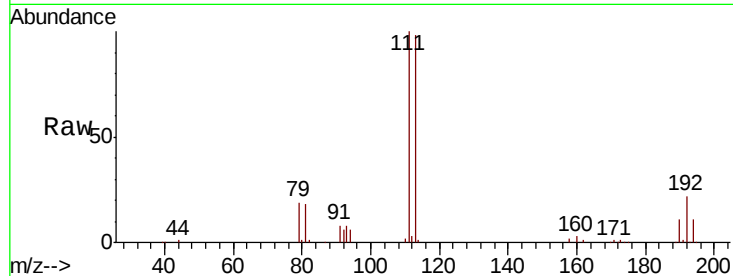




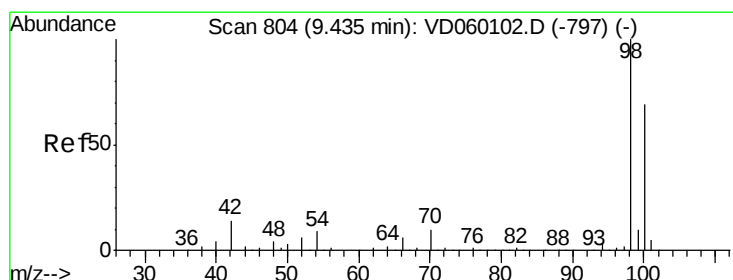
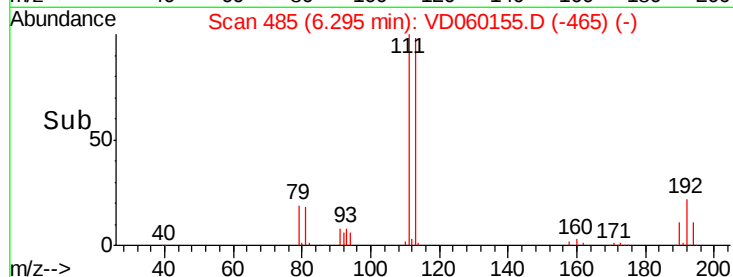
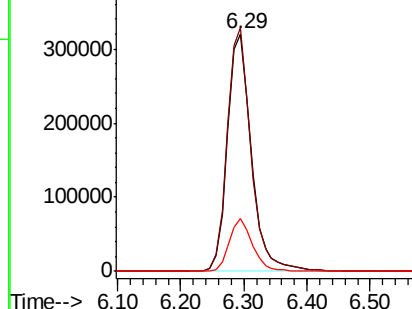
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.29 min Scan# 485
Delta R.T. -0.00 min
Lab File: VD060155.D
Acq: 9 Oct 2018 17:10

Instrument :
MSVOA_D
ClientSampleId :
EO-02-100818-B

Tot Ion:113 Resp: 843270
Ion Ratio Lower Upper
113 100
111 102.5 81.5 122.3
192 22.3 17.4 26.0

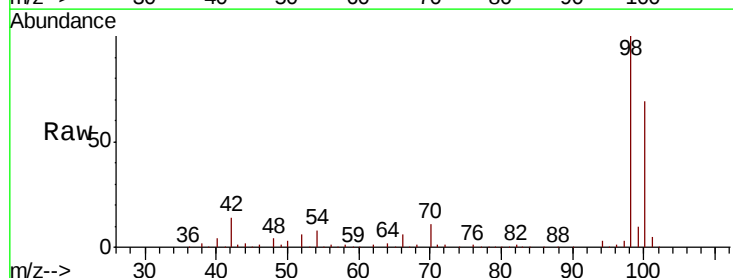


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

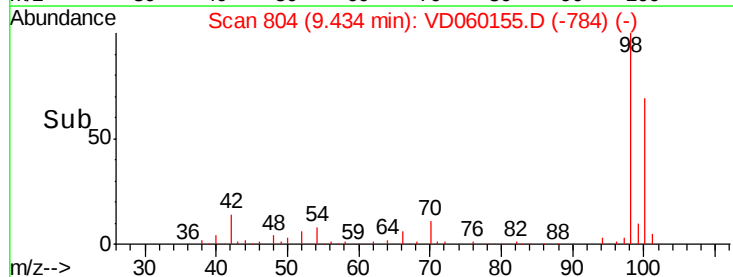
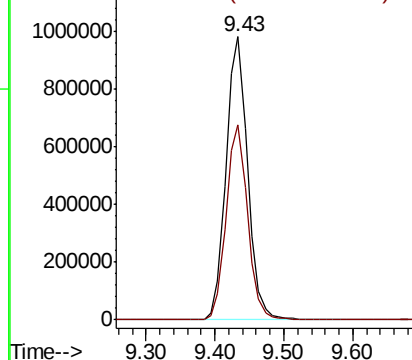


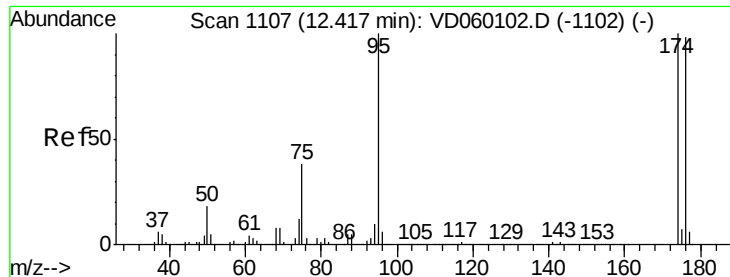
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.00 min
Lab File: VD060155.D
Acq: 9 Oct 2018 17:10

Tgt Ion: 98 Resp: 2128278
Ion Ratio Lower Upper
98 100
100 69.1 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD060155.D

Acq: 9 Oct 2018 17:10

Instrument :

MSVOA_D

ClientSampleId :

EO-02-100818-B

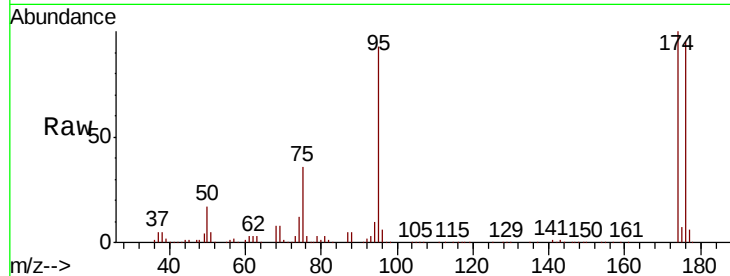
Tot Ion: 95 Resp: 650656

Ion Ratio Lower Upper

95 100

174 107.9 0.0 200.2

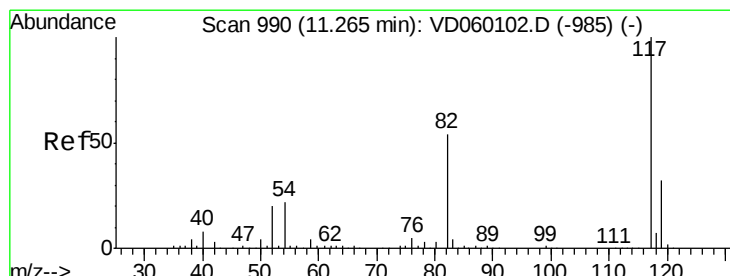
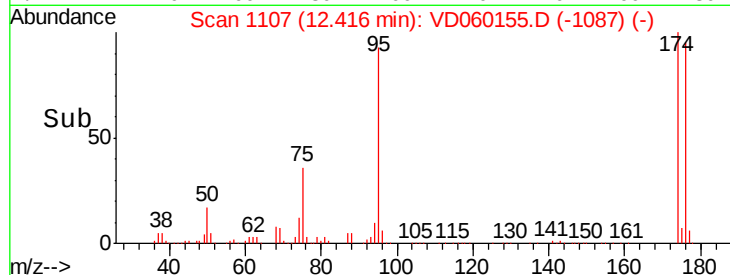
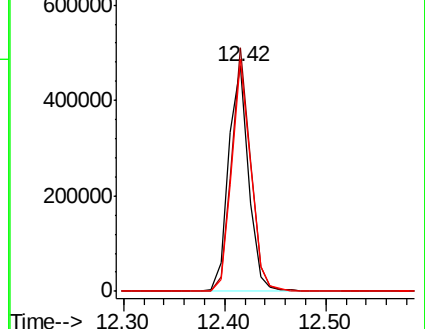
176 102.8 0.0 195.6



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: 11.26 min Scan# 990

Delta R.T. -0.00 min

Lab File: VD060155.D

Acq: 9 Oct 2018 17:10

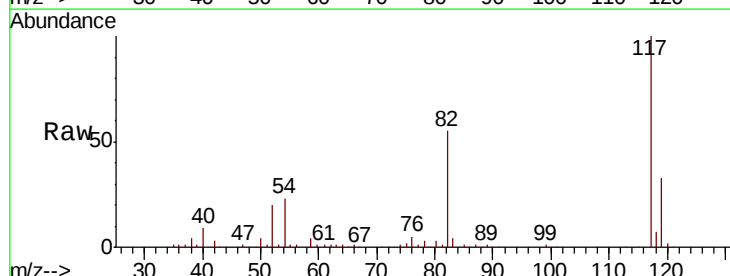
Tgt Ion: 117 Resp: 1281711

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.2

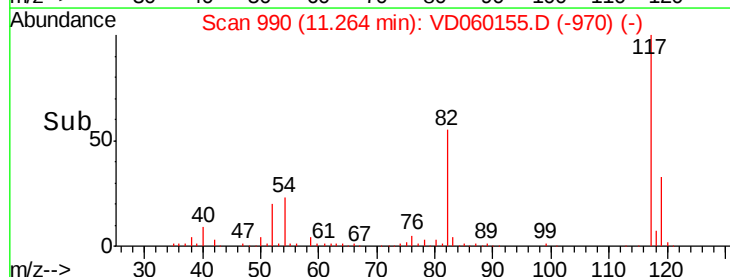
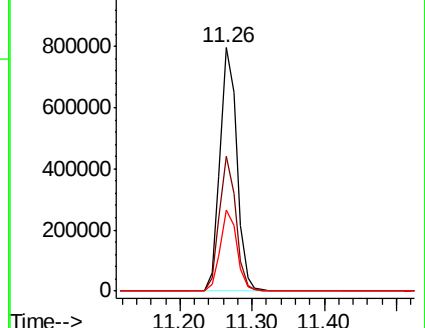
119 33.3 26.0 39.0

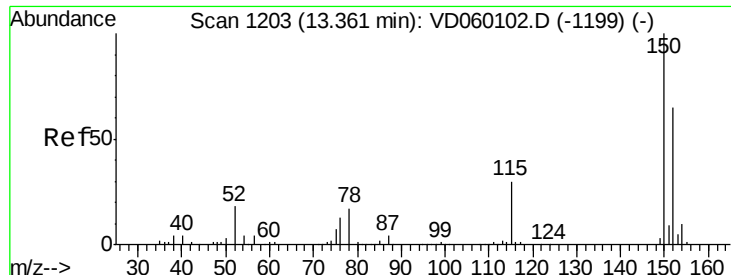


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

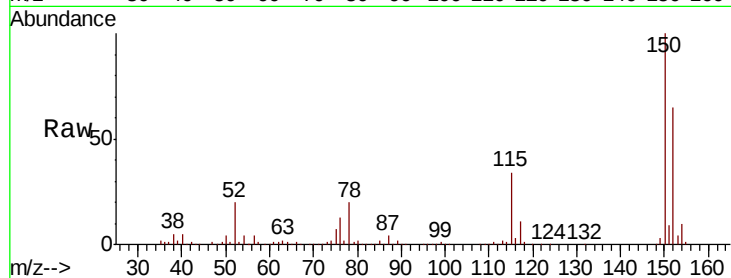




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.36 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: VD060155.D
 Acq: 9 Oct 2018 17:10

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-100818-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.9	27.1	81.2
150	154.3	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

