

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111218\
 Data File : VD060336.D
 Acq On : 12 Nov 2018 14:36
 Operator : JC/SY
 Sample : J5889-06
 Misc : 9.72g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WALL-F

Quant Time: Nov 13 01:22:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

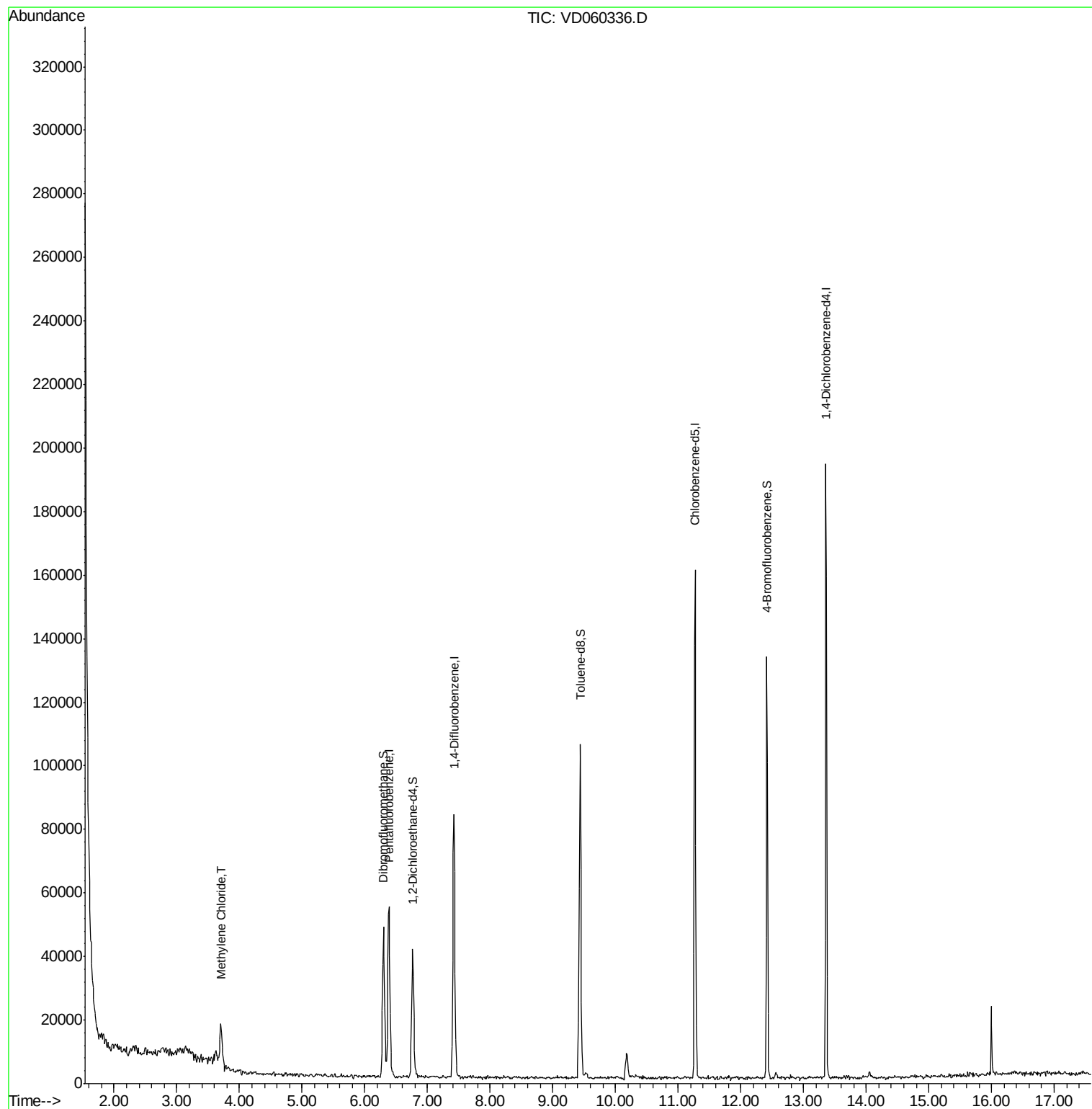
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	54584	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	87083	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	85923	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	43229	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	34933	89.38	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	178.76%	
35) Dibromofluoromethane	6.30	113	36543	56.28	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	112.56%	
50) Toluene-d8	9.44	98	83202	43.78	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	87.56%	
62) 4-Bromofluorobenzene	12.41	95	37794	54.88	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	109.76%	
Target Compounds						
20) Methylene Chloride	3.71	84	6517	10.837	ug/l #	Qvalue 78

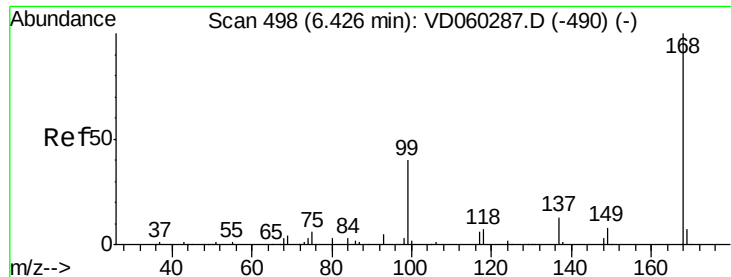
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060336.D

Acq: 12 Nov 2018 14:36

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MSVOA_D

ClientSampleId :

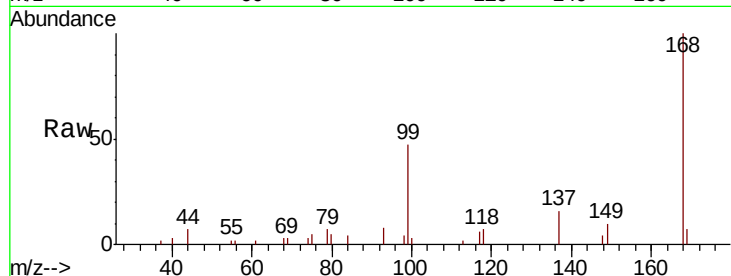
WALL-F

Tot Ion:168 Resp: 54584

Ion Ratio Lower Upper

168 100

99 47.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

25000

20000

15000

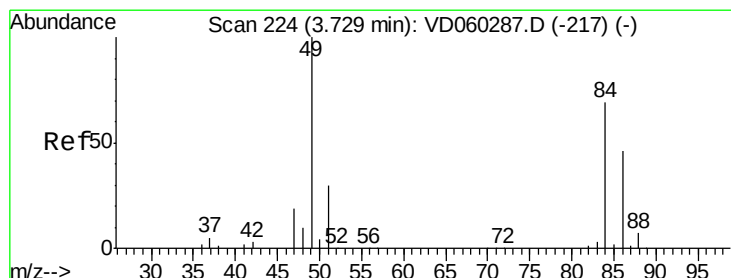
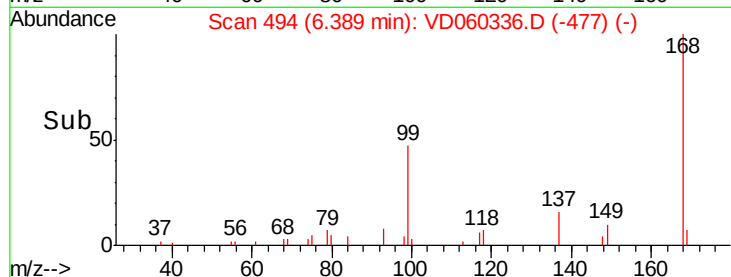
10000

5000

0

Time-->

6.30 6.40 6.50



#20

Methylene Chloride

Concen: 10.837 ug/l

RT: 3.71 min Scan# 222

Delta R.T. -0.02 min

Lab File: VD060336.D

Acq: 12 Nov 2018 14:36

Tgt Ion: 84 Resp: 6517

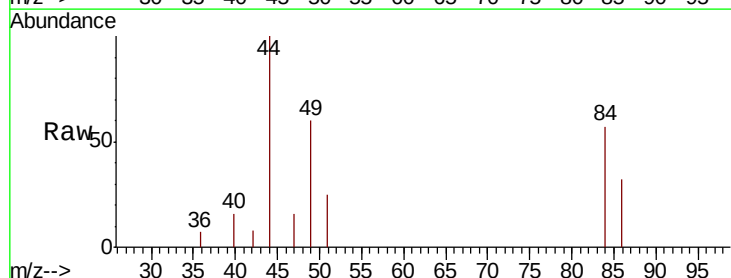
Ion Ratio Lower Upper

84 100

49 104.8 115.6 173.4#

51 43.0 35.6 53.4

86 55.7 52.3 78.5



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

5000

4000

3000

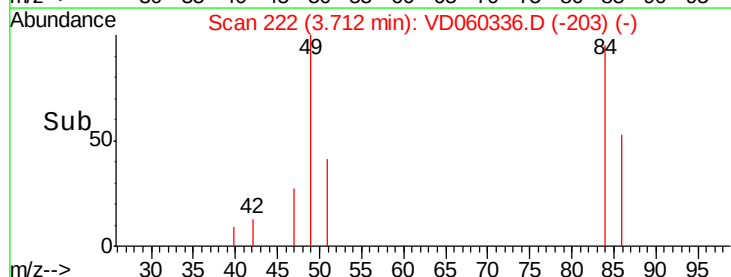
2000

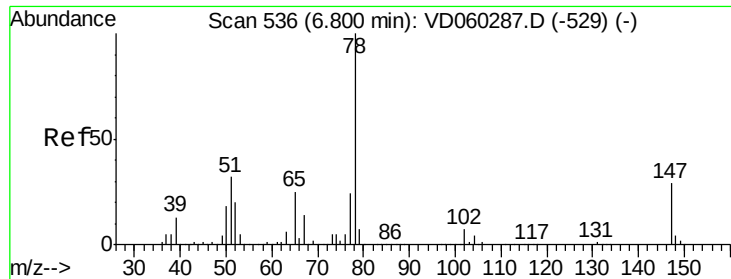
1000

0

Time-->

3.65 3.70 3.75

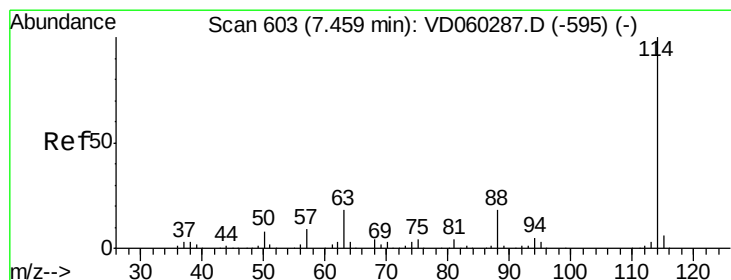
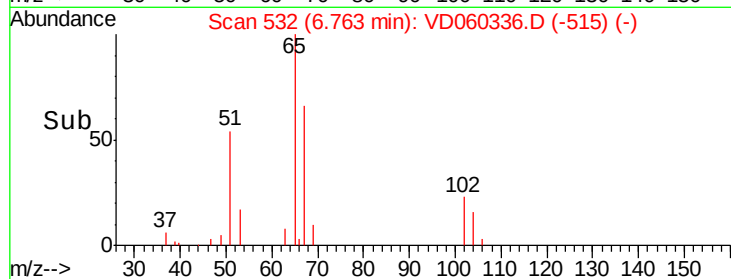
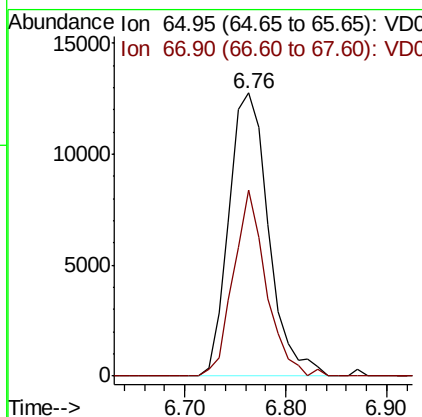
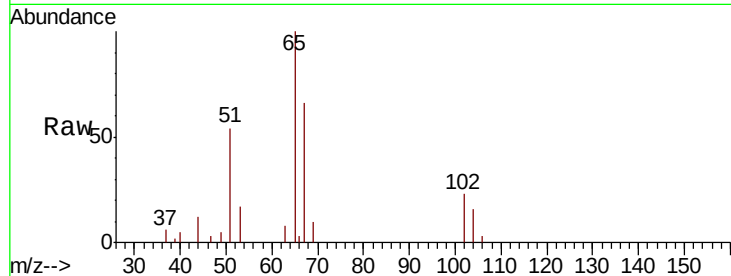




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 532
 Delta R.T. -0.04 min
 Lab File: VD060336.D
 Acq: 12 Nov 2018 14:36

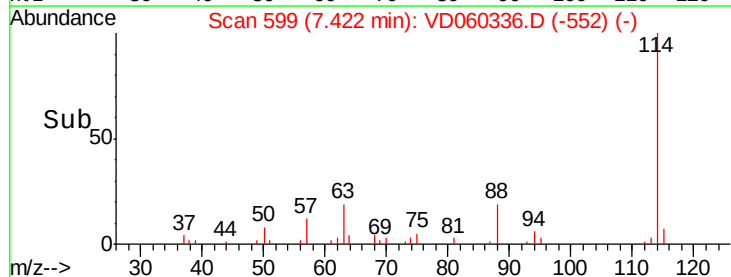
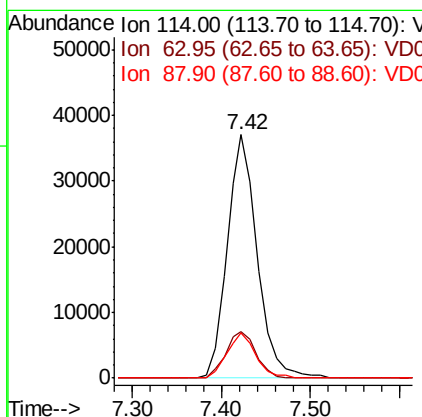
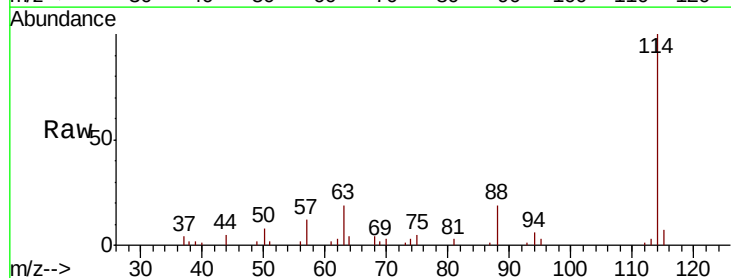
Instrument :
 MSVOA_D
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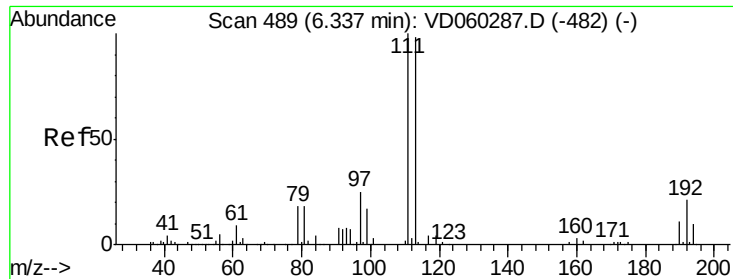
Tot Ion: 65 Resp: 34933
 Ion Ratio Lower Upper
 65 100
 67 65.6 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.04 min
 Lab File: VD060336.D
 Acq: 12 Nov 2018 14:36

Tgt Ion: 114 Resp: 87083
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 34.0
 88 18.6 0.0 35.4

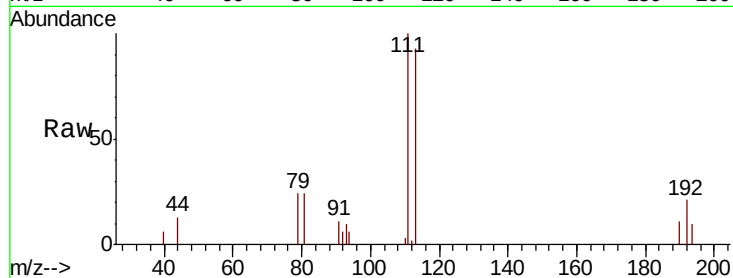




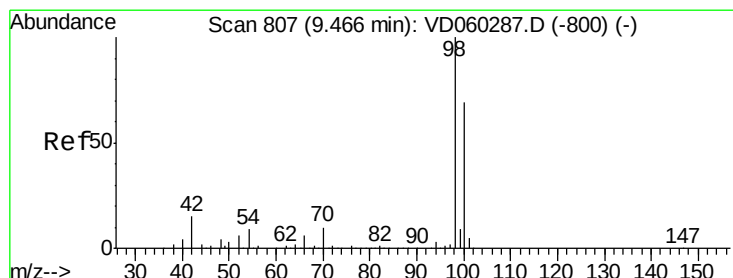
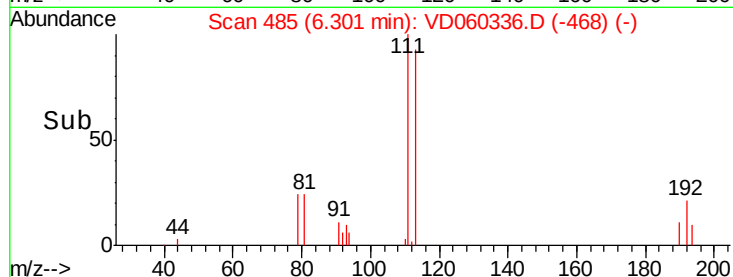
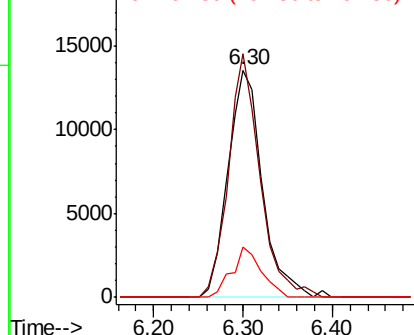
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 485
Delta R.T. -0.04 min
Lab File: VD060336.D
Acq: 12 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
WALL-F

Tot Ion:113 Resp: 36543
Ion Ratio Lower Upper
113 100
111 107.2 81.6 122.4
192 22.3 16.5 24.7

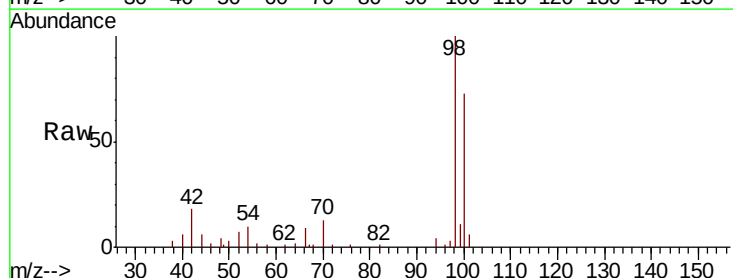


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

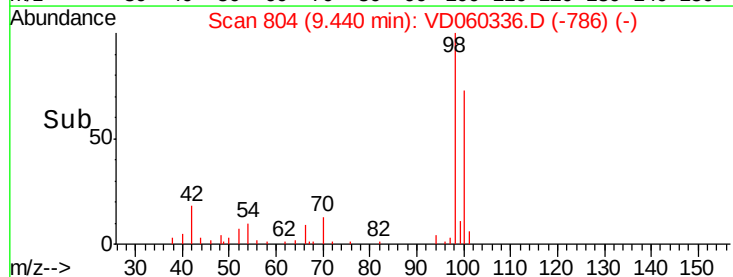
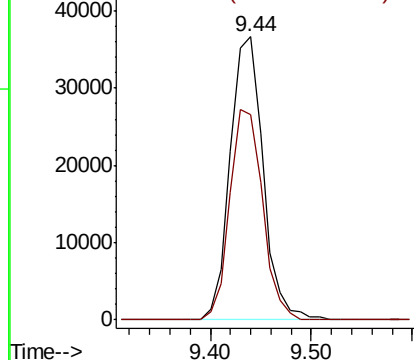


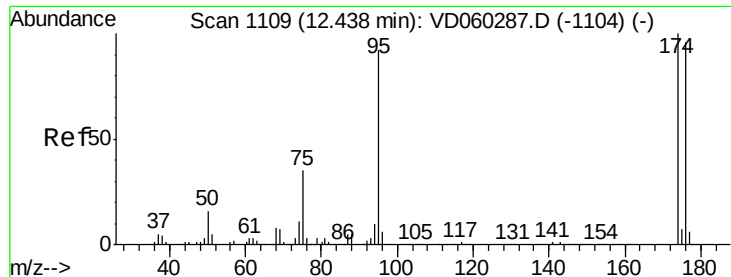
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.03 min
Lab File: VD060336.D
Acq: 12 Nov 2018 14:36

Tgt Ion: 98 Resp: 83202
Ion Ratio Lower Upper
98 100
100 72.7 55.2 82.8



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: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060336.D

Acq: 12 Nov 2018 14:36

Instrument :

MSVOA_D

ClientSampleId :

WALL-F

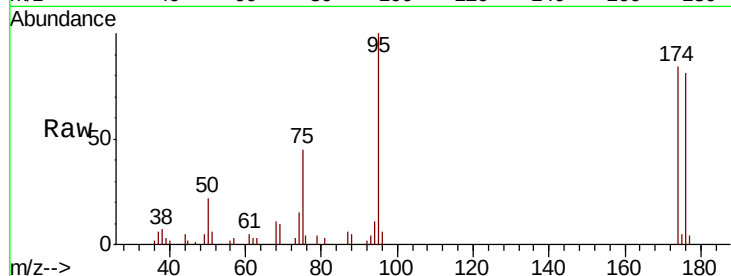
Tot Ion: 95 Resp: 37794

Ion Ratio Lower Upper

95 100

174 83.6 0.0 160.8

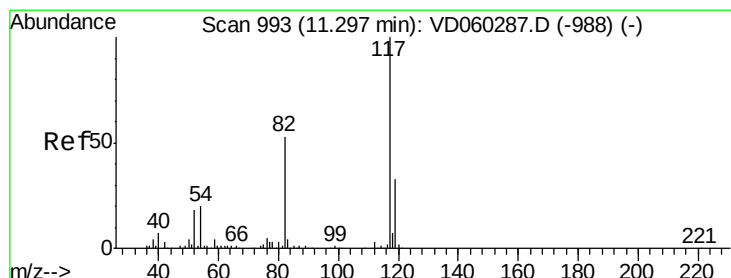
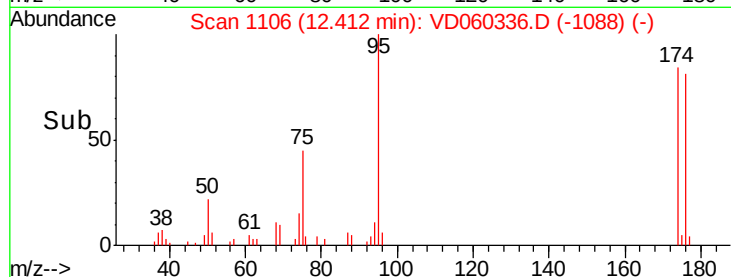
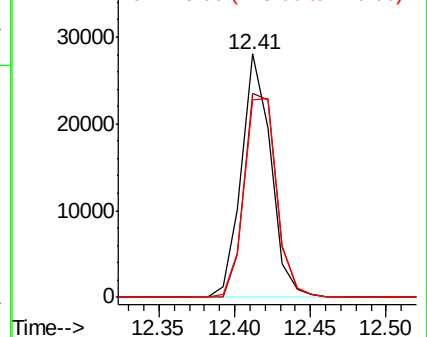
176 81.2 0.0 154.6



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# 990

Delta R.T. -0.03 min

Lab File: VD060336.D

Acq: 12 Nov 2018 14:36

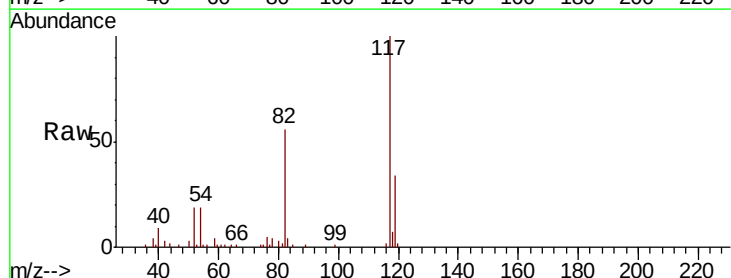
Tgt Ion: 117 Resp: 85923

Ion Ratio Lower Upper

117 100

82 56.0 43.7 65.5

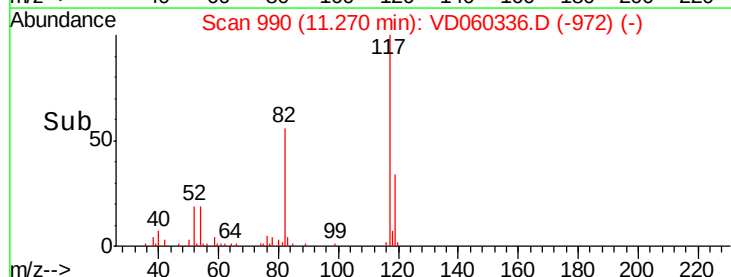
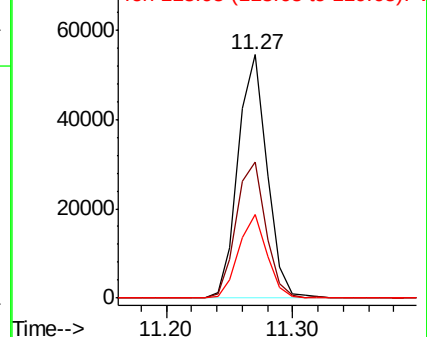
119 34.4 26.1 39.1

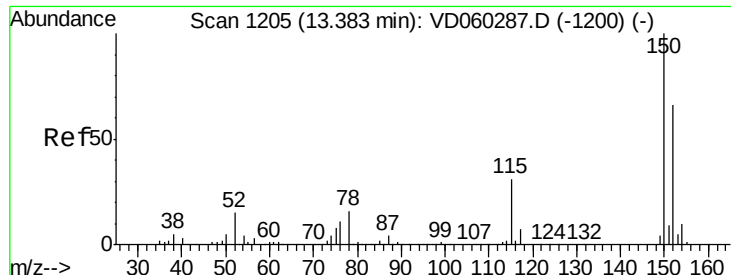


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.36 min Scan# 1202
 Delta R.T. -0.03 min
 Lab File: VD060336.D
 Acq: 12 Nov 2018 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 WALL-F

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	24.1	72.3
150	159.0	0.0	310.6

