

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111218\
 Data File : VD060334.D
 Acq On : 12 Nov 2018 13:40
 Operator : JC/SY
 Sample : J5889-04
 Misc : 10.62g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WALL-D

Quant Time: Nov 13 01:18:03 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

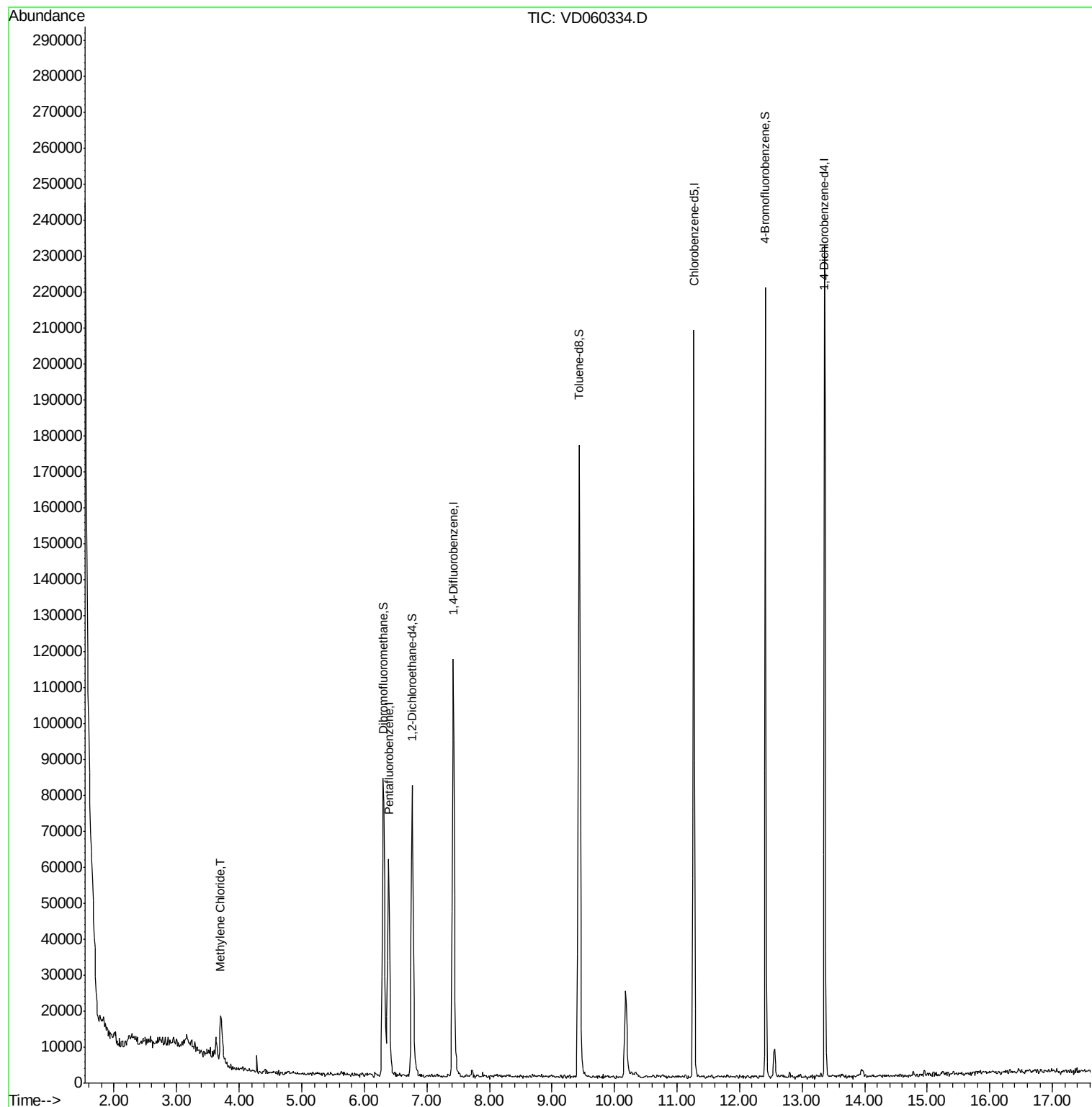
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	59665	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	122690	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	113687	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	52346	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	69776	163.33	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	326.66%	
35) Dibromofluoromethane	6.30	113	66954	73.18	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	146.36%	
50) Toluene-d8	9.44	98	150317	56.14	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	112.28%	
62) 4-Bromofluorobenzene	12.41	95	57677	59.45	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	118.90%	
Target Compounds						
20) Methylene Chloride	3.71	84	8314	12.647	ug/l	Qvalue 90

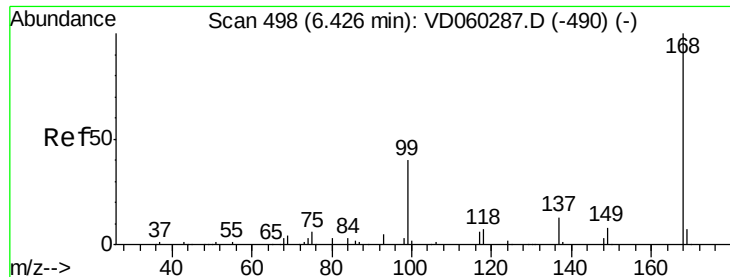
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111218\
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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060334.D

Acq: 12 Nov 2018 13:40

Instrument :

MSVOA_D

ClientSampleId :

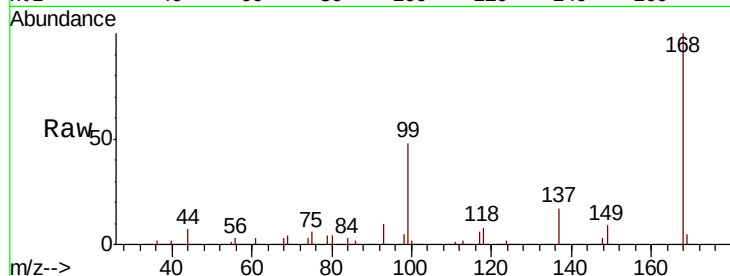
WALL-D

Tot Ion:168 Resp: 59665

Ion Ratio Lower Upper

168 100

99 48.0 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

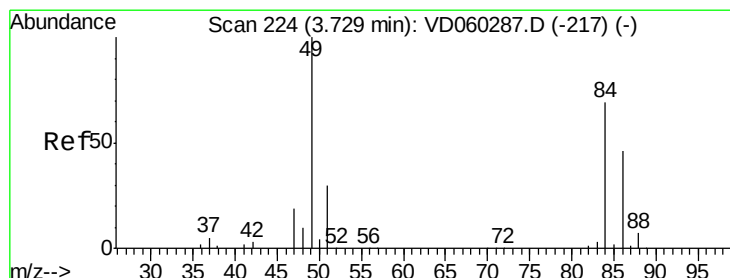
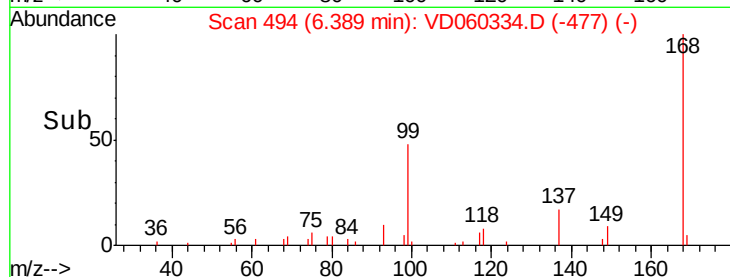
10000

5000

0

Time-->

6.30 6.40 6.50



#20

Methylene Chloride

Concen: 12.647 ug/l

RT: 3.71 min Scan# 222

Delta R.T. -0.02 min

Lab File: VD060334.D

Acq: 12 Nov 2018 13:40

Tgt Ion: 84 Resp: 8314

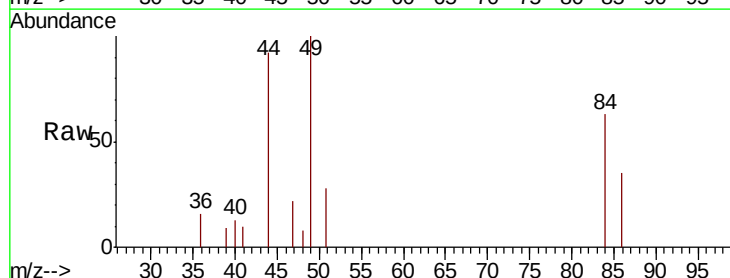
Ion Ratio Lower Upper

84 100

49 158.1 115.6 173.4

51 45.0 35.6 53.4

86 55.0 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

6000

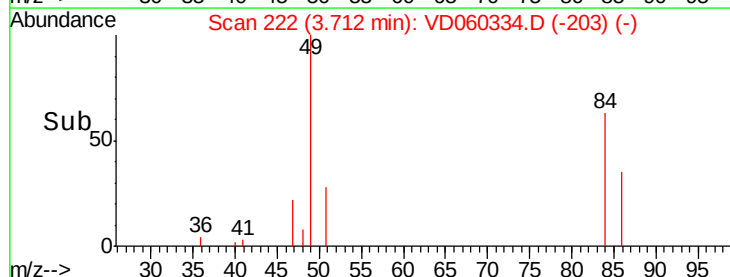
4000

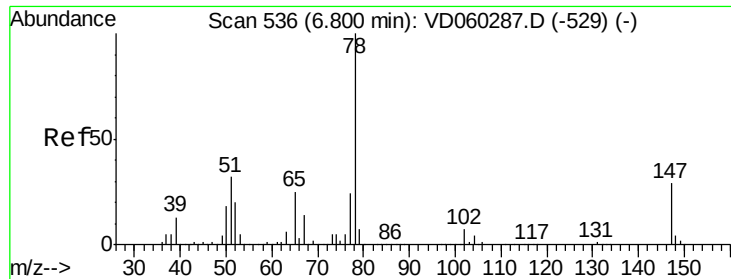
2000

0

Time-->

3.60 3.65 3.70 3.75 3.80

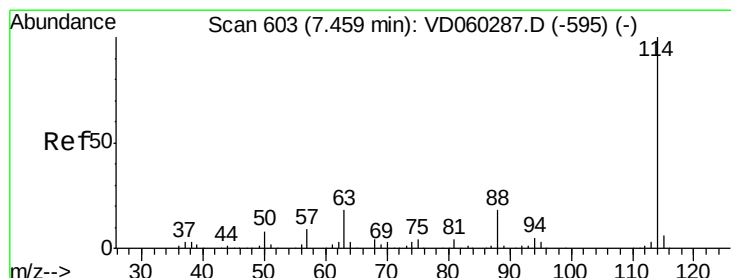
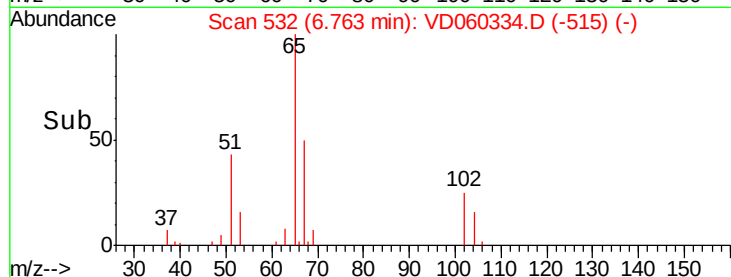
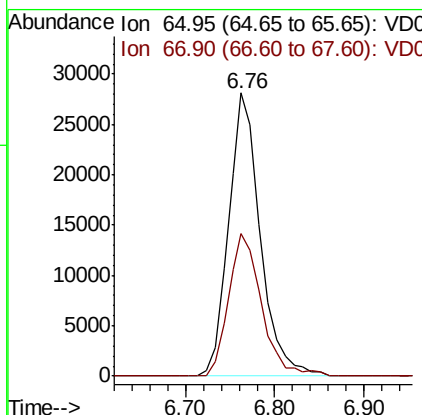
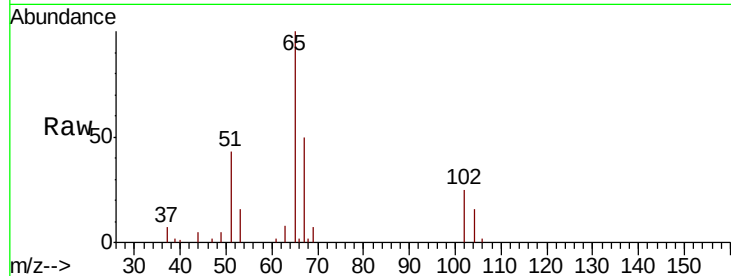




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 532
 Delta R.T. -0.04 min
 Lab File: VD060334.D
 Acq: 12 Nov 2018 13:40

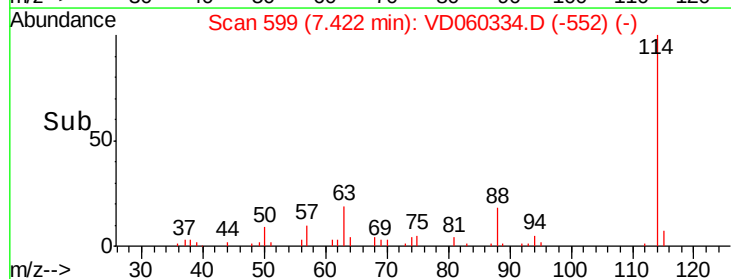
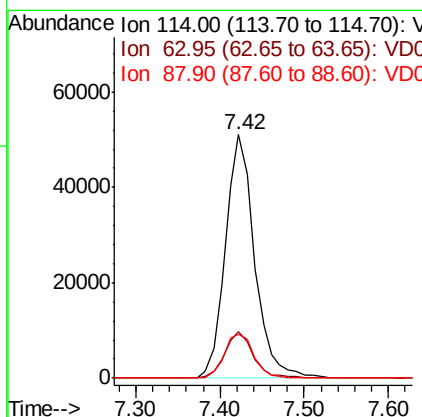
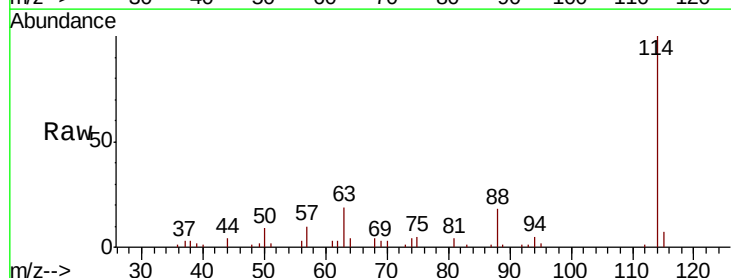
Instrument :
 MSVOA_D
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 WALL-D

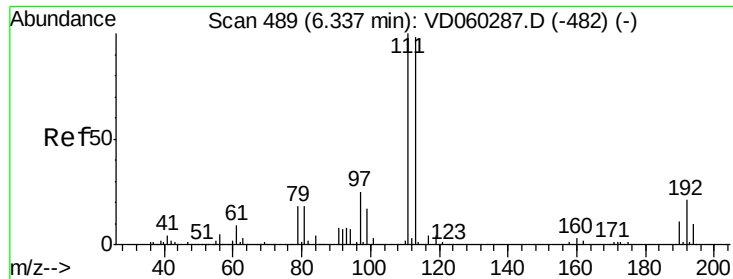
Tot Ion: 65 Resp: 69776
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.04 min
 Lab File: VD060334.D
 Acq: 12 Nov 2018 13:40

Tgt Ion: 114 Resp: 122690
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 34.0
 88 18.1 0.0 35.4

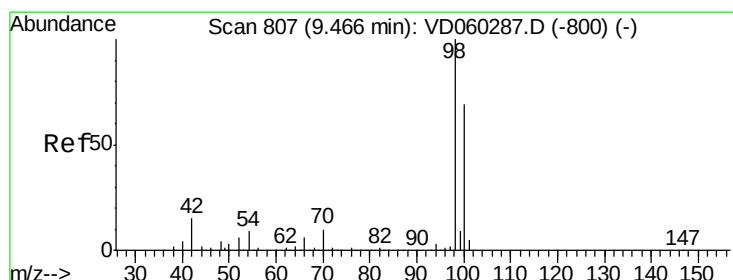
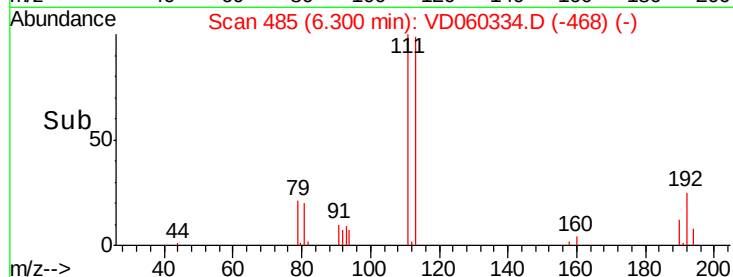
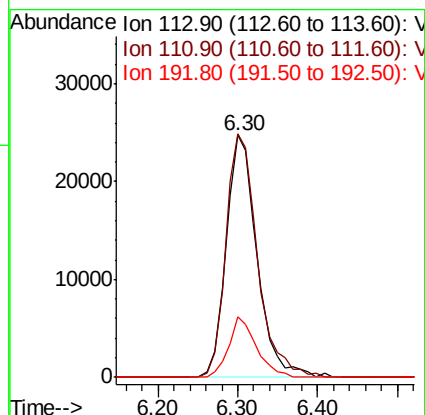
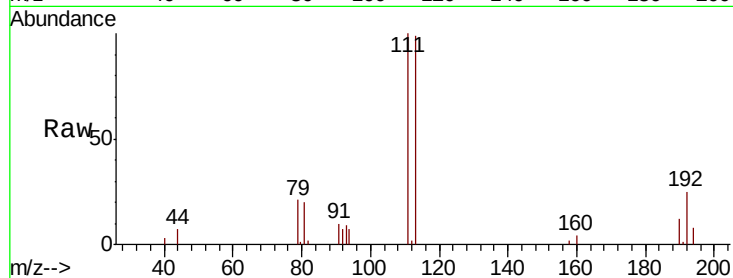




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.04 min
 Lab File: VD060334.D
 Acq: 12 Nov 2018 13:40

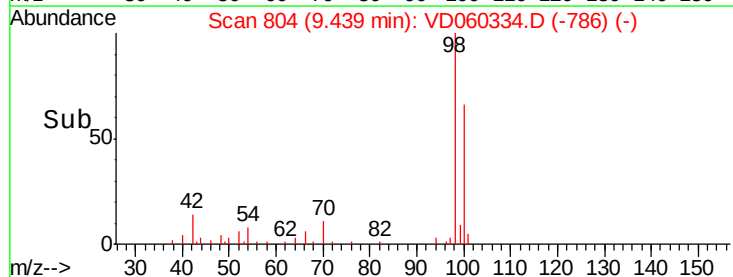
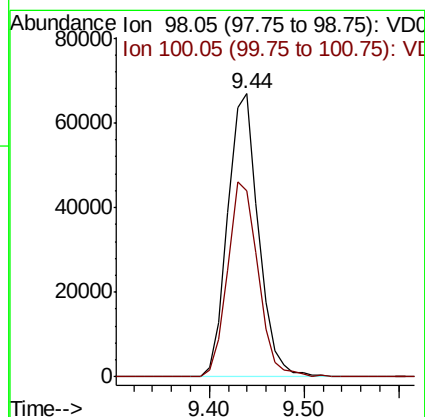
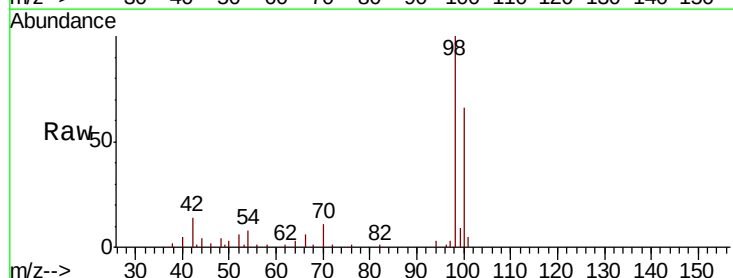
Instrument :
 MSVOA_D
 ClientSampleId :
 WALL-D

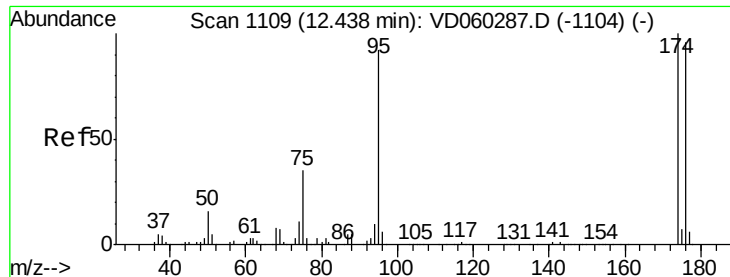
Tot Ion:113 Resp: 66954
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.6 122.4
 192 24.8 16.5 24.7#



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.44 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: VD060334.D
 Acq: 12 Nov 2018 13:40

Tgt Ion: 98 Resp: 150317
 Ion Ratio Lower Upper
 98 100
 100 65.6 55.2 82.8





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060334.D

Acq: 12 Nov 2018 13:40

Instrument :

MSVOA_D

ClientSampleId :

WALL-D

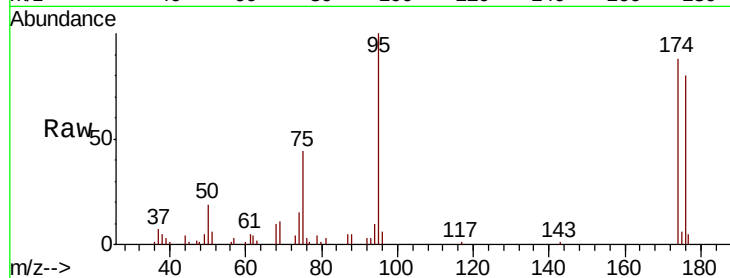
Tot Ion: 95 Resp: 57677

Ion Ratio Lower Upper

95 100

174 88.4 0.0 160.8

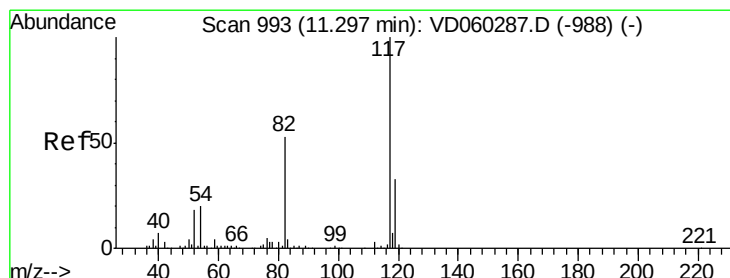
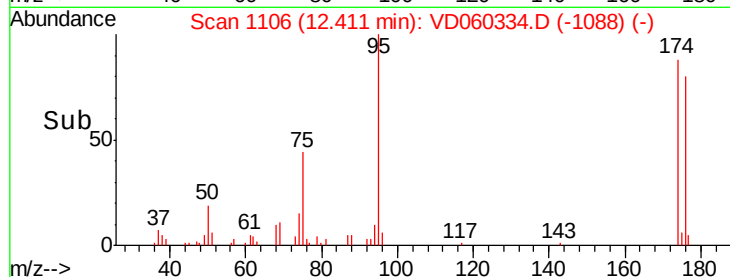
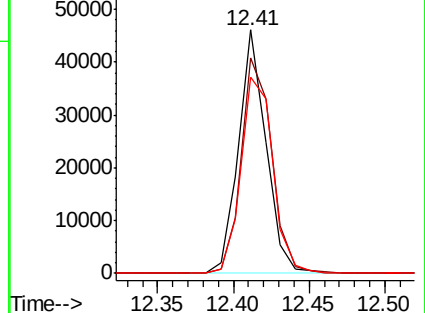
176 80.4 0.0 154.6



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: VD060334.D

Acq: 12 Nov 2018 13:40

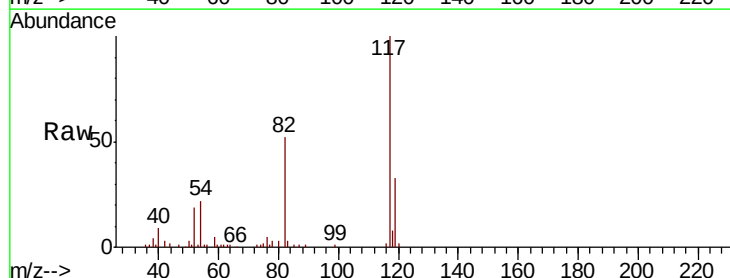
Tgt Ion: 117 Resp: 113687

Ion Ratio Lower Upper

117 100

82 52.4 43.7 65.5

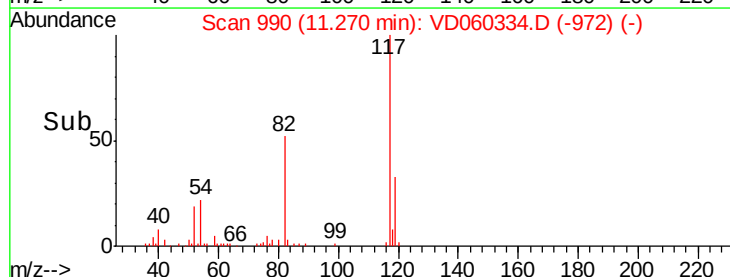
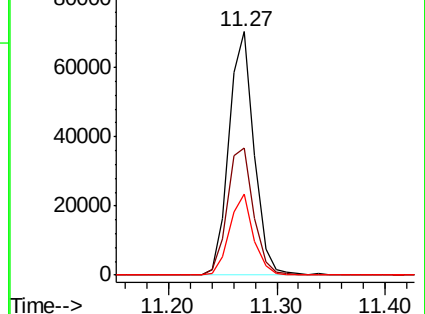
119 33.5 26.1 39.1

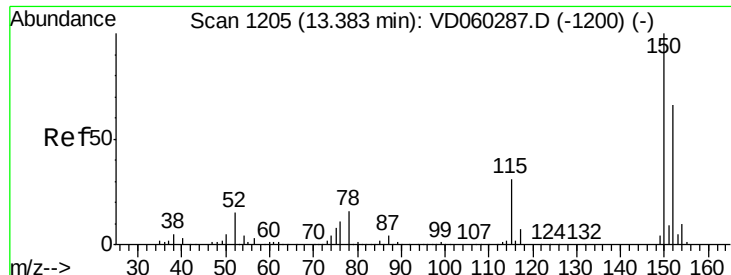


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD060334.D
 Acq: 12 Nov 2018 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 WALL-D

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.1	24.1	72.3
150	153.2	0.0	310.6

