

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062618\
 Data File : VD059425.D
 Acq On : 26 Jun 2018 15:56
 Operator : VA/AP
 Sample : J3241-13
 Misc : 6.13g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-06-062218-A

Quant Time: Jun 27 06:02:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

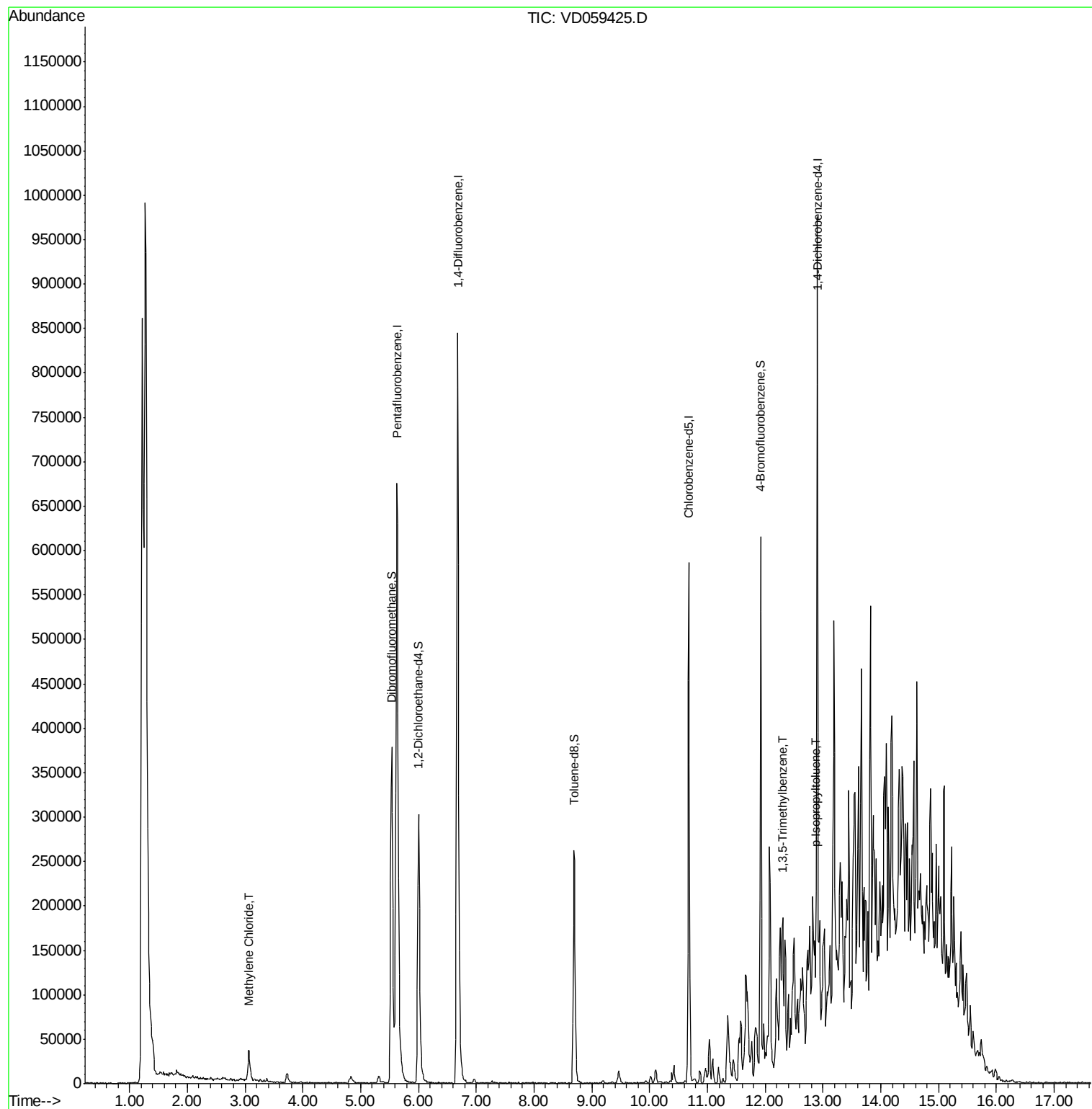
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	712156	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	884343	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	323754	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	201475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	318850	43.78	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	87.56%	
35) Dibromofluoromethane	5.54	113	313946	43.58	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.16%	
50) Toluene-d8	8.69	98	221064	13.13	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	26.26%	
62) 4-Bromofluorobenzene	11.92	95	171947	24.55	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	49.10%	
Target Compounds						
20) Methylene Chloride	3.07	84	17632	4.65	ug/l	98
80) 1,3,5-Trimethylbenzene	12.31	105	13752	1.52	ug/l	99
86) p-Isopropyltoluene	12.87	119	15374	1.61	ug/l	95

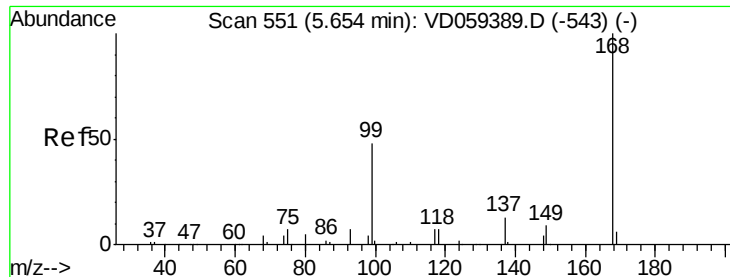
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062618\
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.03 min

Lab File: VD059425.D

Acq: 26 Jun 2018 15:56

Instrument :

MSVOA_D

ClientSampleId :

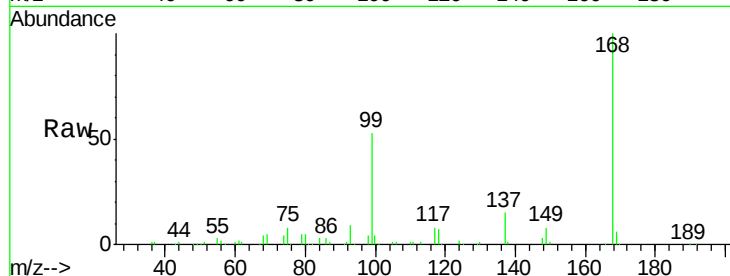
HR-06-062218-A

Tot Ion:168 Resp: 712156

Ion Ratio Lower Upper

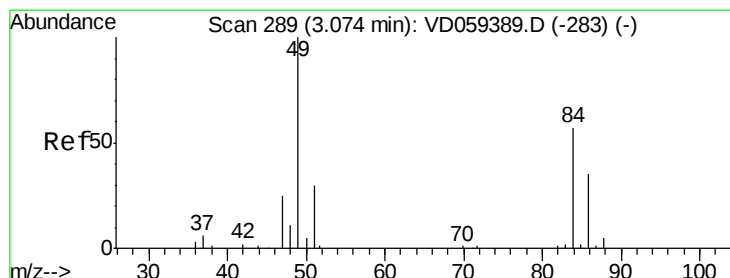
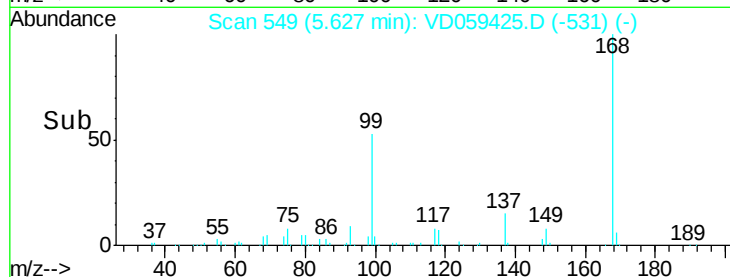
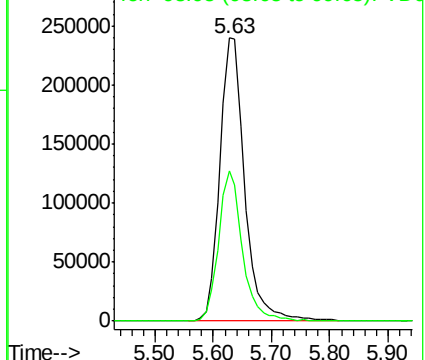
168 100

99 52.9 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 4.65 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.01 min

Lab File: VD059425.D

Acq: 26 Jun 2018 15:56

Tgt Ion: 84 Resp: 17632

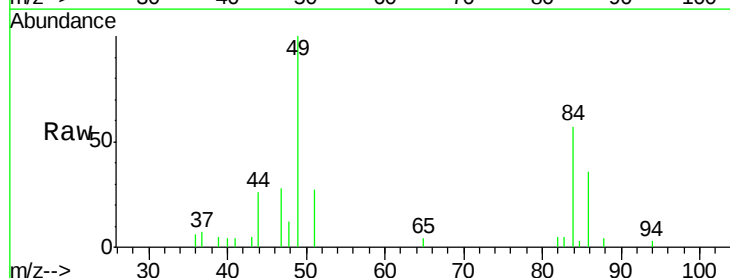
Ion Ratio Lower Upper

84 100

49 176.5 140.3 210.5

51 47.3 41.6 62.4

86 63.0 49.4 74.2

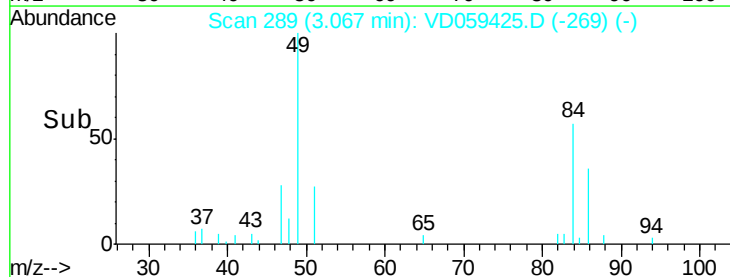
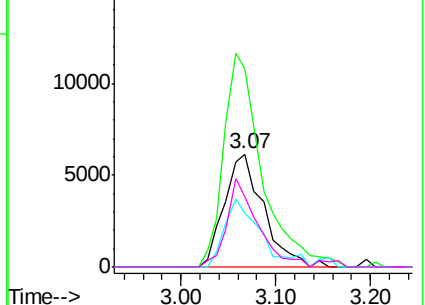


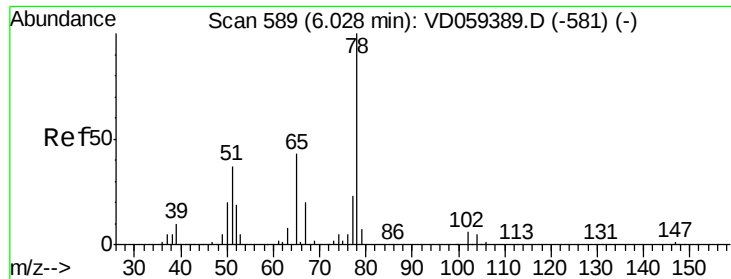
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.00 min Scan# 587

Delta R.T. -0.03 min

Lab File: VD059425.D

Acq: 26 Jun 2018 15:56

Instrument :

MSVOA_D

ClientSampleId :

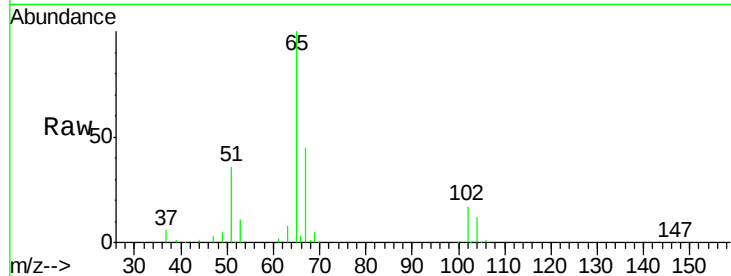
HR-06-062218-A

Tot Ion: 65 Resp: 318850

Ion Ratio Lower Upper

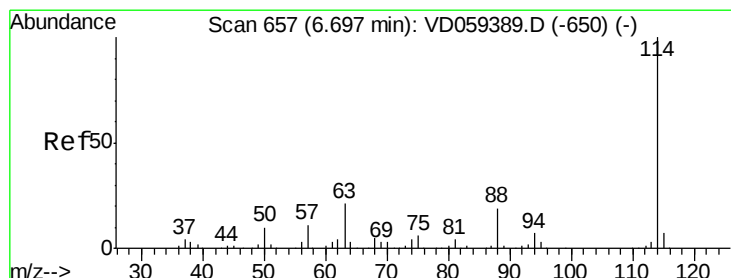
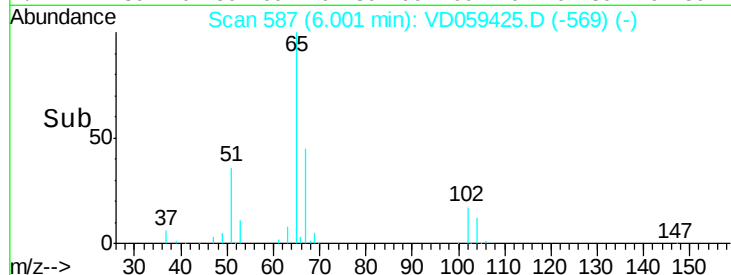
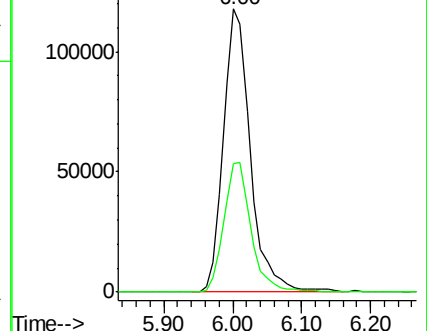
65 100

67 45.5 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD059425.D

Acq: 26 Jun 2018 15:56

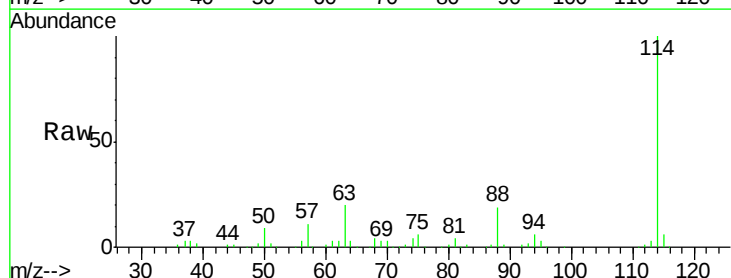
Tgt Ion: 114 Resp: 884343

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

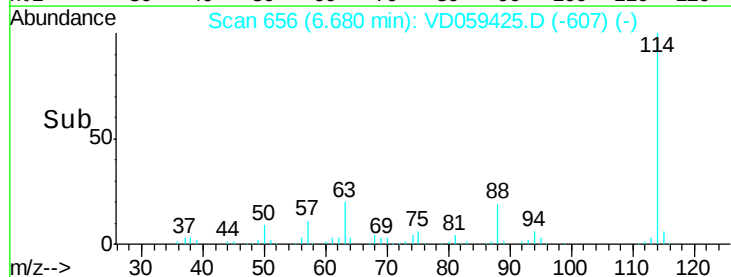
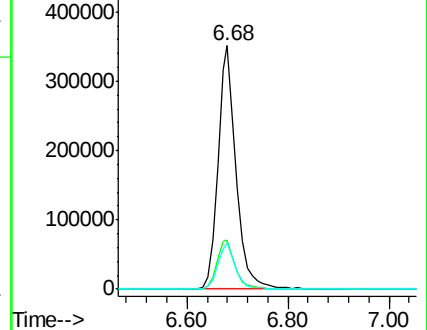
88 19.2 0.0 38.0

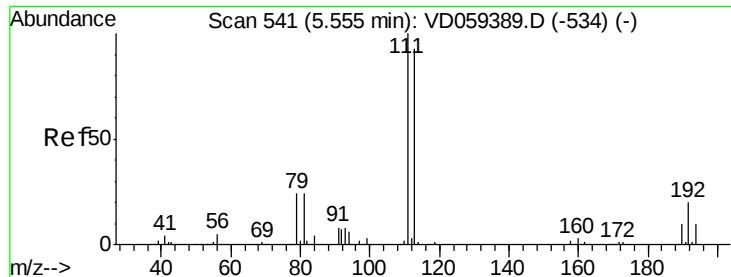


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD059425.D

Acq: 26 Jun 2018 15:56

Instrument :

MSVOA_D

ClientSampleId :

HR-06-062218-A

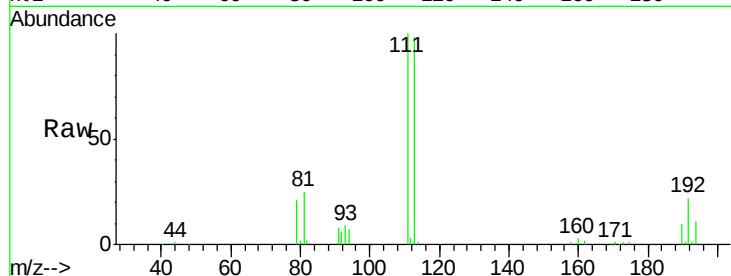
Tot Ion:113 Resp: 313946

Ion Ratio Lower Upper

113 100

111 101.6 85.7 128.5

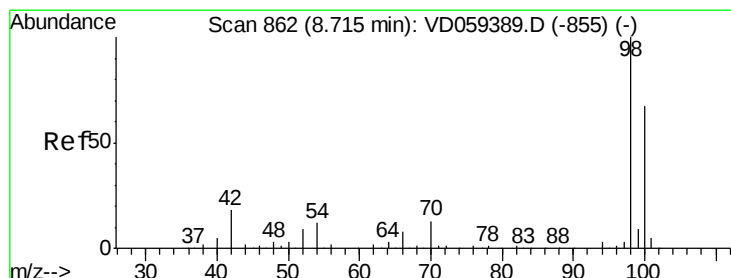
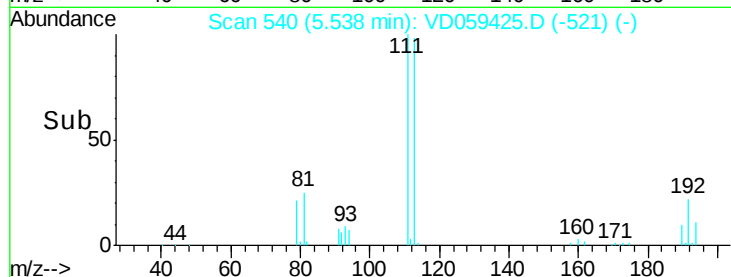
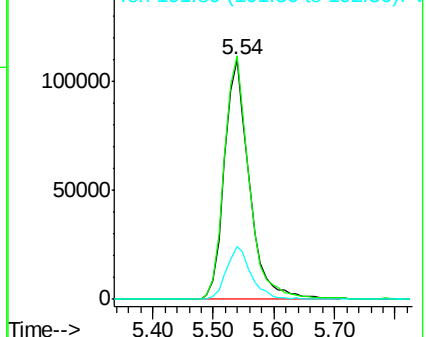
192 22.3 16.9 25.3



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: 8.69 min Scan# 860

Delta R.T. -0.03 min

Lab File: VD059425.D

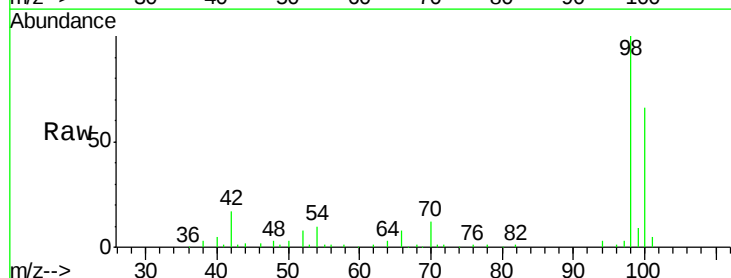
Acq: 26 Jun 2018 15:56

Tgt Ion: 98 Resp: 221064

Ion Ratio Lower Upper

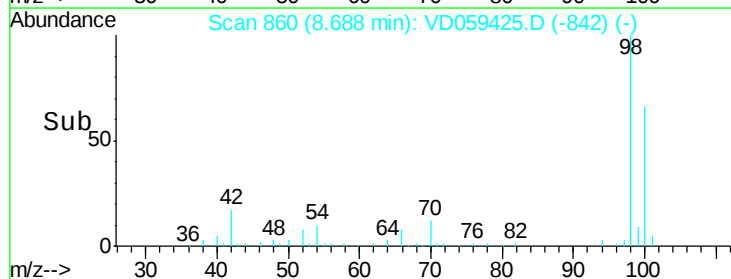
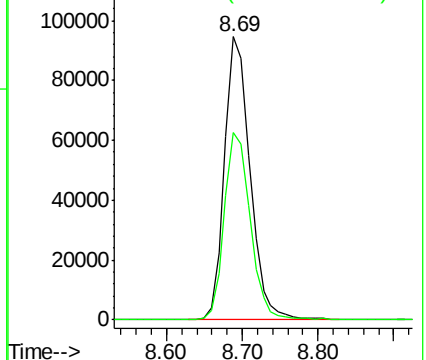
98 100

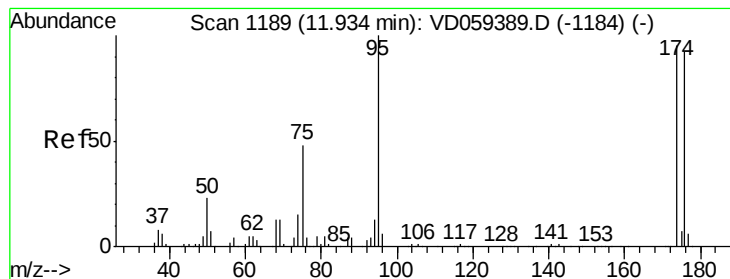
100 66.1 54.4 81.6



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: 11.92 min Scan# 1188

Delta R.T. -0.02 min

Lab File: VD059425.D

Acq: 26 Jun 2018 15:56

Instrument :

MSVOA_D

ClientSampleId :

HR-06-062218-A

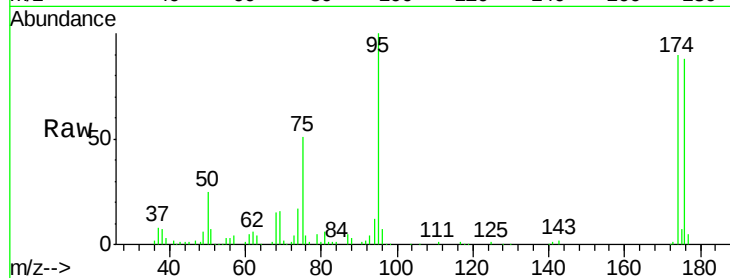
Tot Ion: 95 Resp: 171947

Ion Ratio Lower Upper

95 100

174 89.7 0.0 190.4

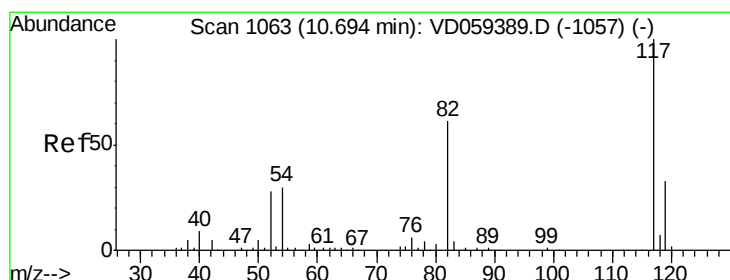
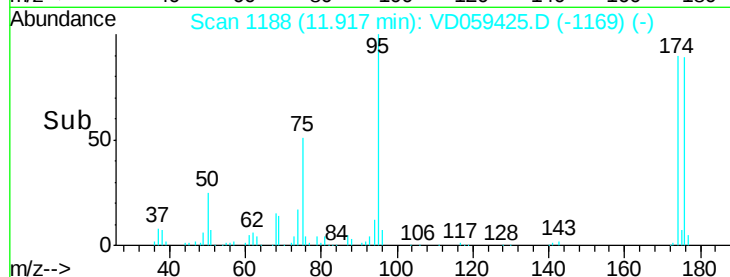
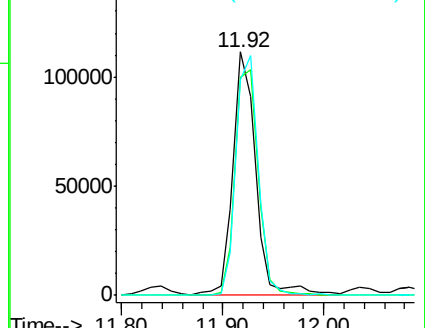
176 88.3 0.0 183.2



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: 50.00 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.02 min

Lab File: VD059425.D

Acq: 26 Jun 2018 15:56

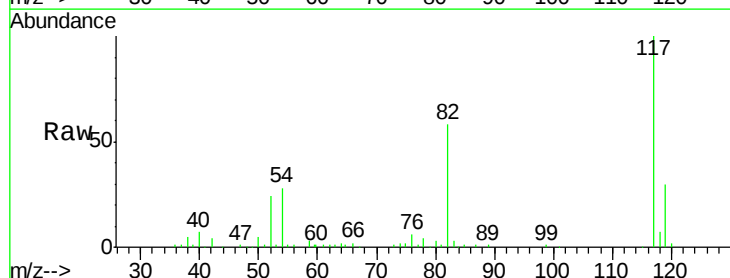
Tgt Ion: 117 Resp: 323754

Ion Ratio Lower Upper

117 100

82 58.4 49.0 73.6

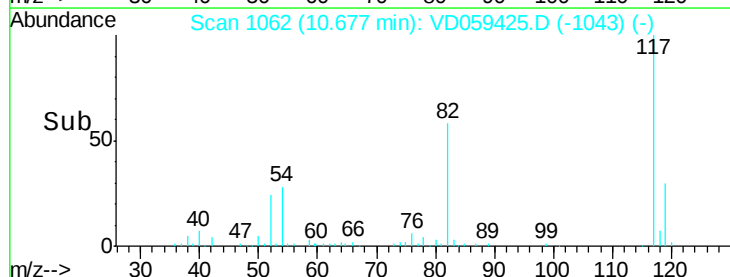
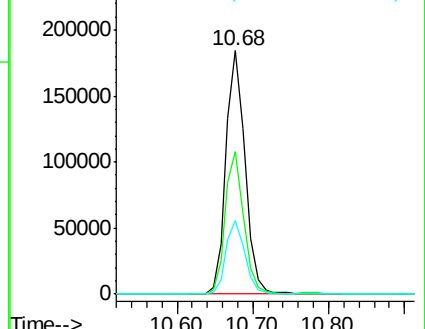
119 29.9 26.2 39.4

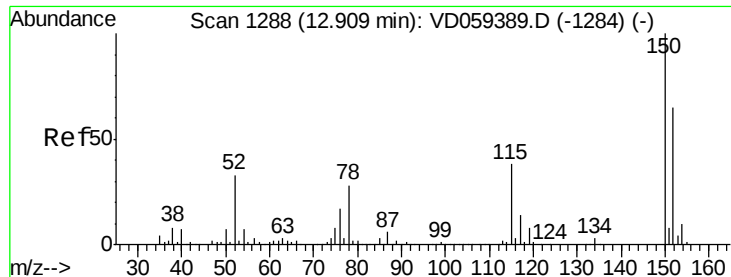


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059425.D

Acq: 26 Jun 2018 15:56

Instrument :

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ClientSampleId :

HR-06-062218-A

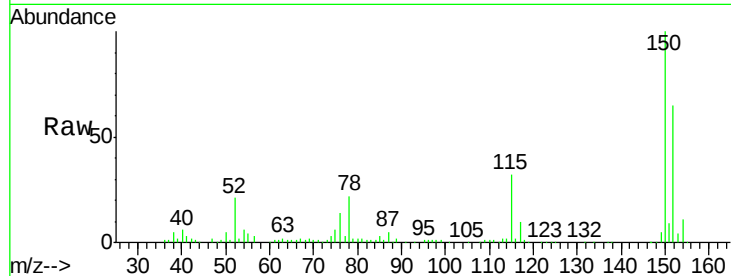
Tot Ion:152 Resp: 201475

Ion Ratio Lower Upper

152 100

115 49.2 29.4 88.3

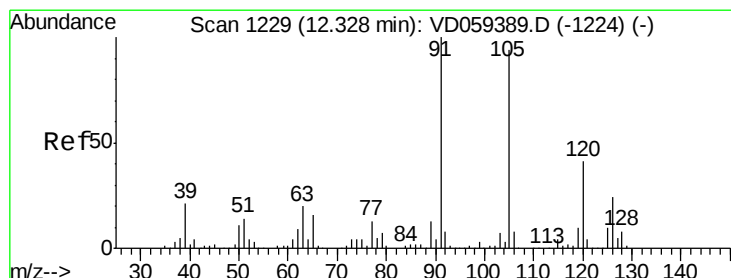
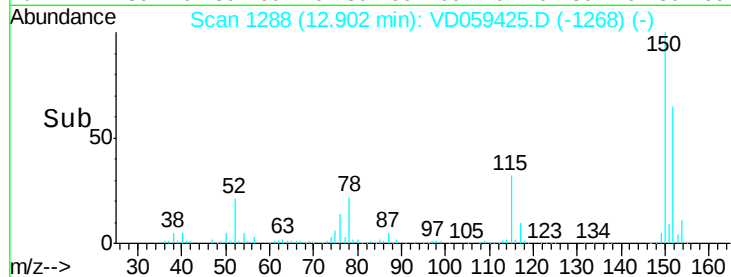
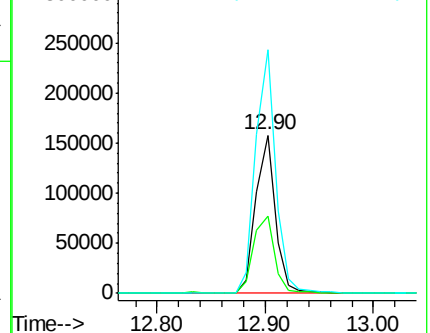
150 153.8 0.0 308.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.52 ug/l

RT: 12.31 min Scan# 1228

Delta R.T. -0.02 min

Lab File: VD059425.D

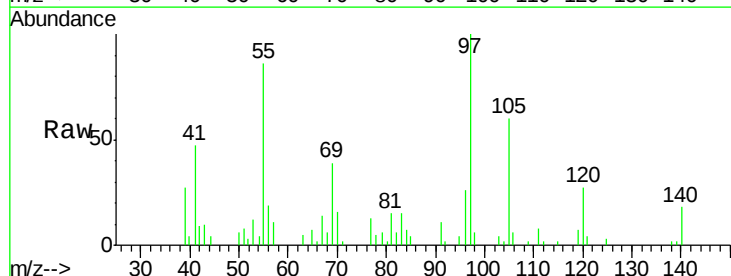
Acq: 26 Jun 2018 15:56

Tgt Ion:105 Resp: 13752

Ion Ratio Lower Upper

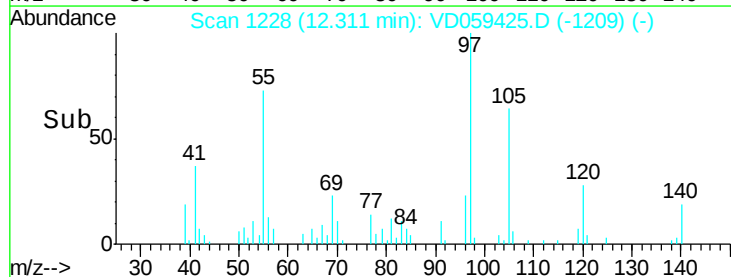
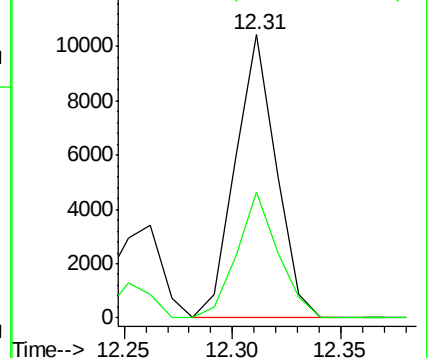
105 100

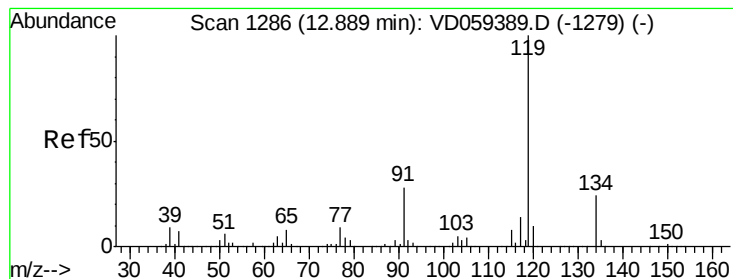
120 44.5 21.9 65.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#86

p-Isopropyltoluene

Concen: 1.61 ug/l

RT: 12.87 min Scan# 1285

Delta R.T. -0.02 min

Lab File: VD059425.D

Acq: 26 Jun 2018 15:56

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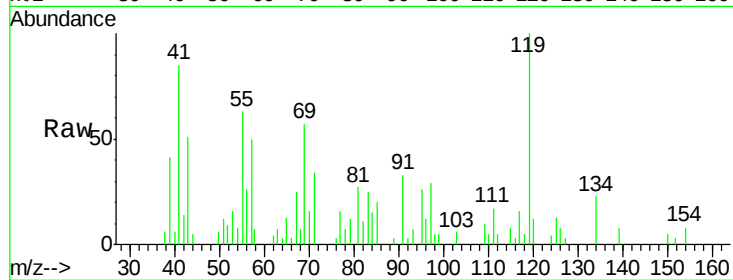
Tot Ion:119 Resp: 15374

Ion Ratio Lower Upper

119 100

134 23.4 11.9 35.5

91 33.0 14.1 42.4



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

