

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059475.D
 Acq On : 28 Jun 2018 21:07
 Operator : VA/AP
 Sample : J3677-09
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 147-149-B2(0-5)

Quant Time: Jun 29 02:18:34 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

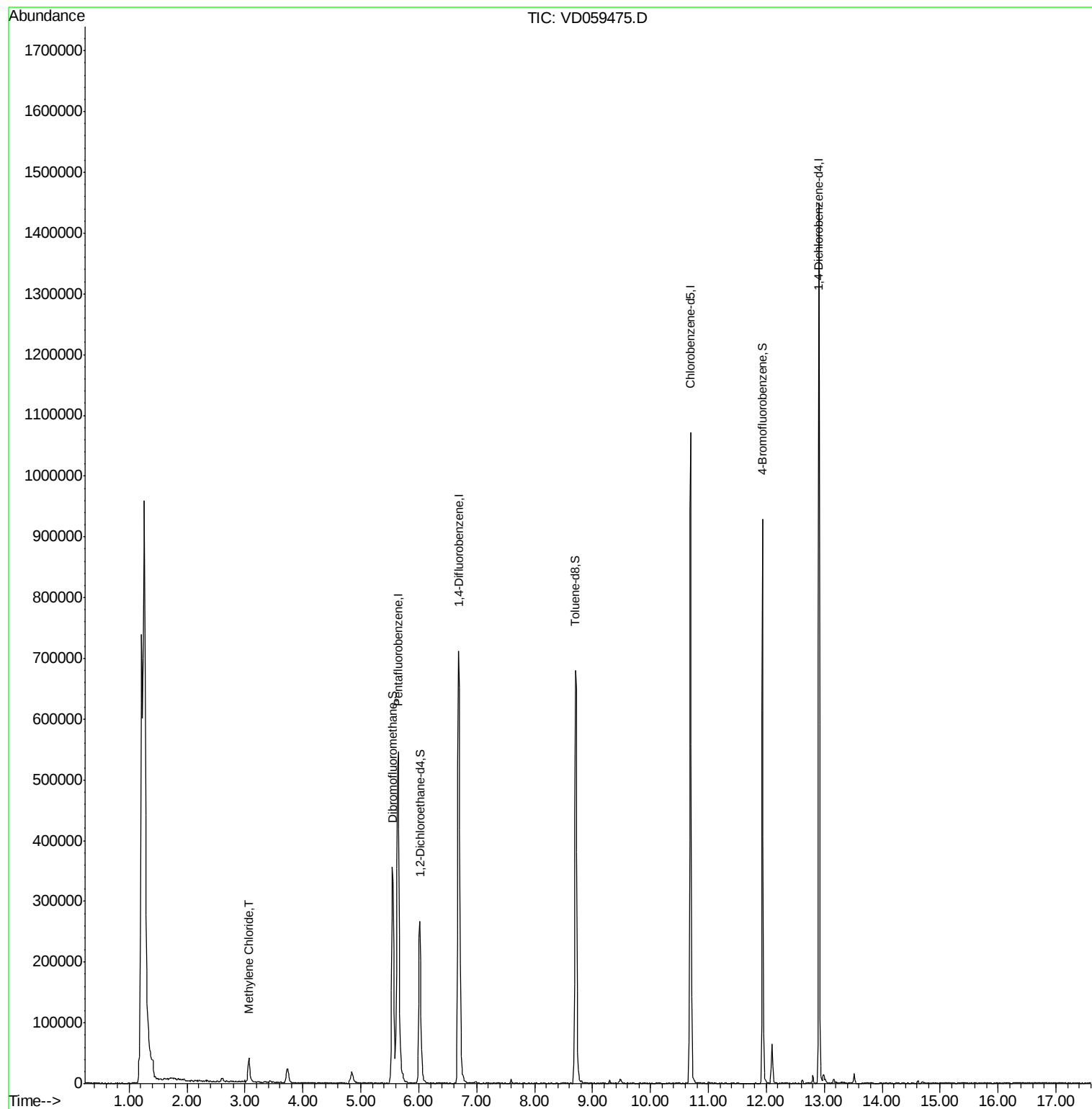
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	550109	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	727898	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.69	117	594864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	286484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	254344	45.21	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	90.42%	
35) Dibromofluoromethane	5.55	113	284011	47.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	8.71	98	542394	39.13	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	78.26%	
62) 4-Bromofluorobenzene	11.93	95	241869	41.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.90%	
Target Compounds						
20) Methylene Chloride	3.06	84	17751	6.86	ug/l	Qvalue 90

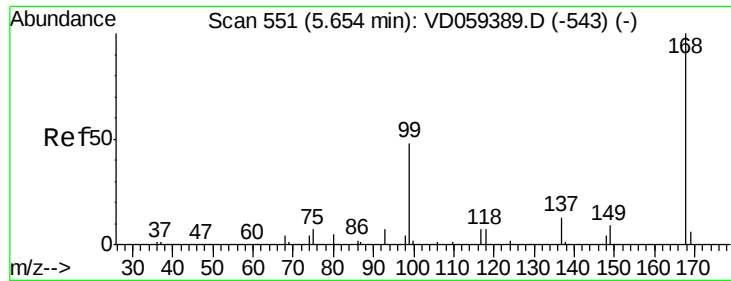
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

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MSVOA_D

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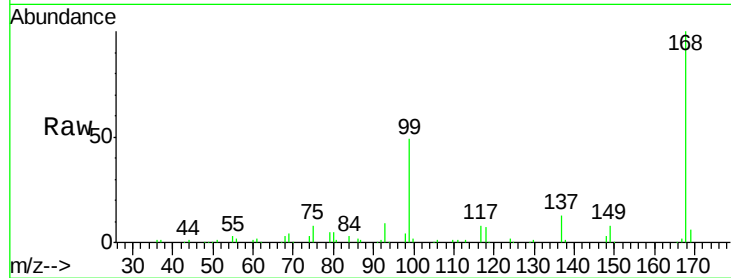
147-149-B2(0-5)

Tot Ion:168 Resp: 550109

Ion Ratio Lower Upper

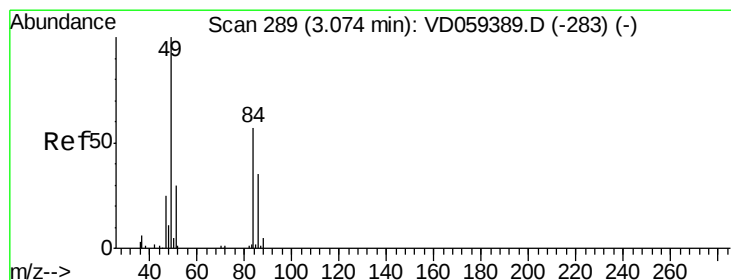
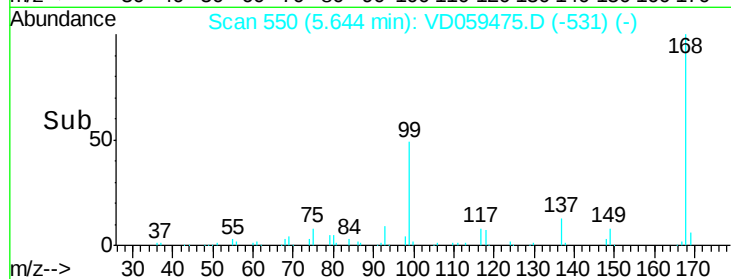
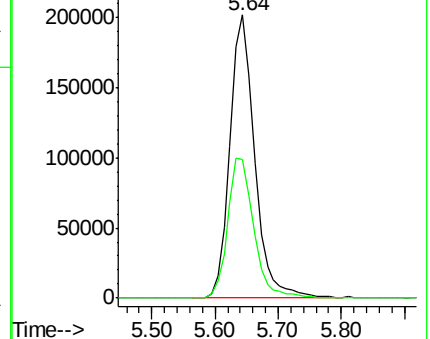
168 100

99 49.0 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: 6.86 ug/l

RT: 3.06 min Scan# 288

Delta R.T. -0.01 min

Lab File: VD059475.D

Acq: 28 Jun 2018 21:07

Tgt Ion: 84 Resp: 17751

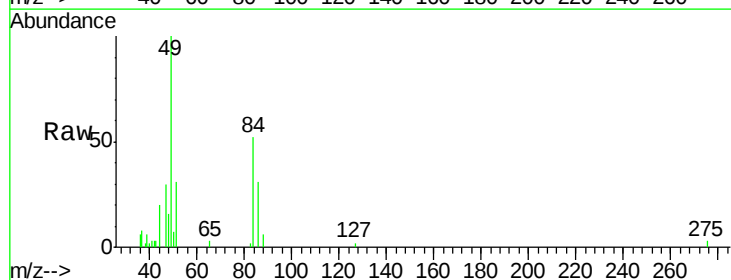
Ion Ratio Lower Upper

84 100

49 191.5 140.3 210.5

51 59.3 41.6 62.4

86 58.6 49.4 74.2

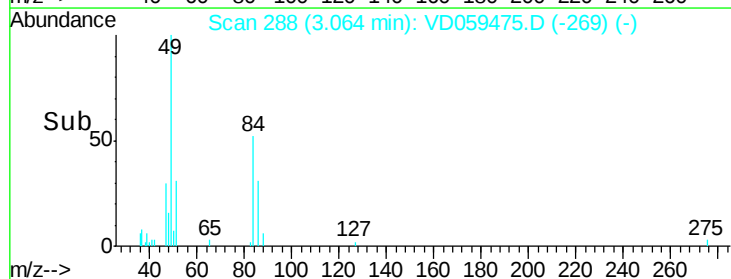
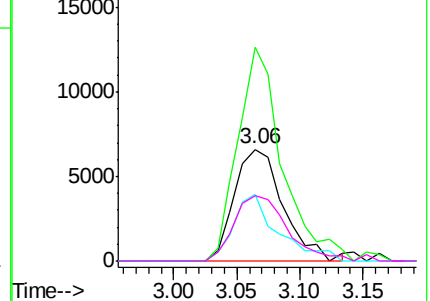


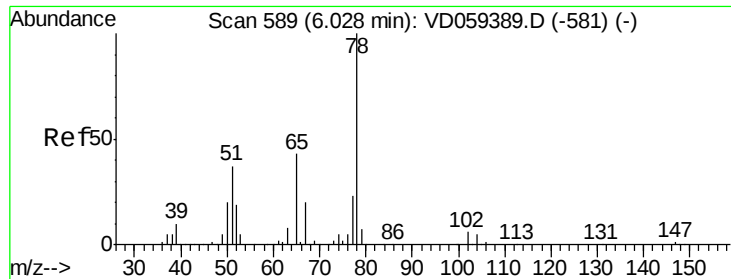
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.02 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD059475.D

Acq: 28 Jun 2018 21:07

Instrument :

MSVOA_D

ClientSampleId :

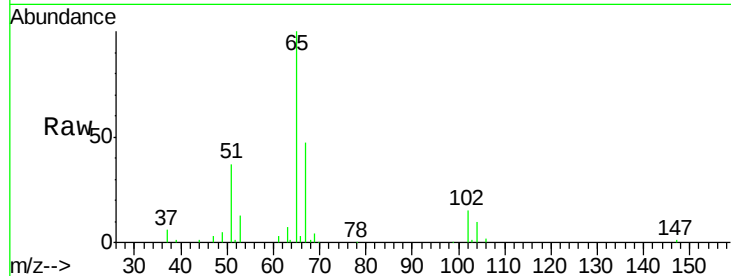
147-149-B2(0-5)

Tot Ion: 65 Resp: 254344

Ion Ratio Lower Upper

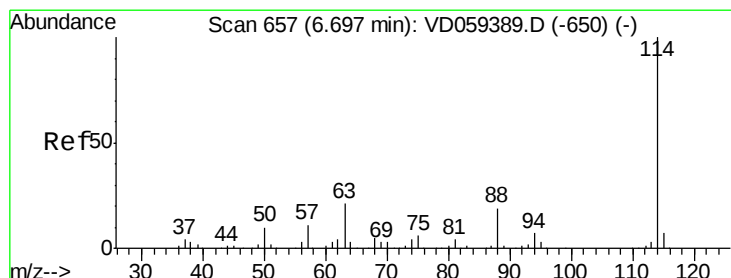
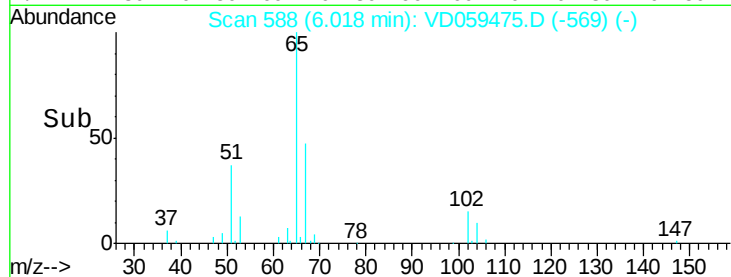
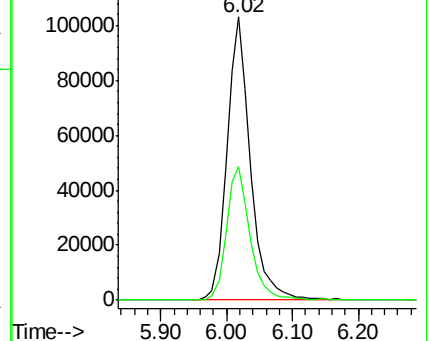
65 100

67 47.1 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: 6.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: VD059475.D

Acq: 28 Jun 2018 21:07

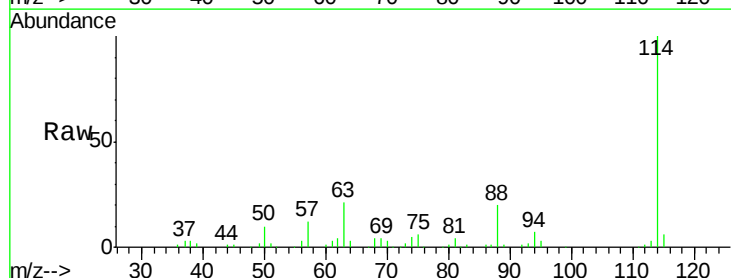
Tgt Ion: 114 Resp: 727898

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

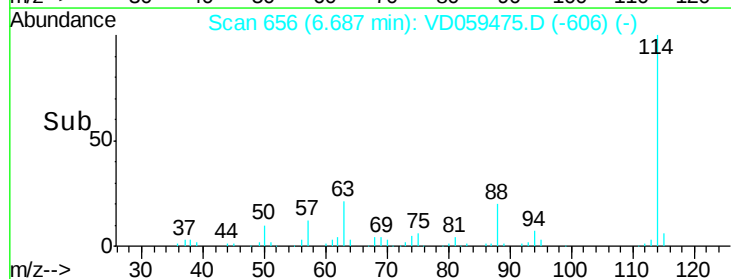
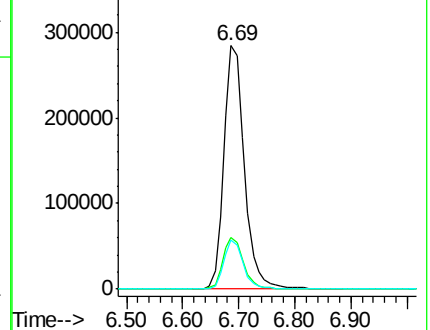
88 19.9 0.0 38.0

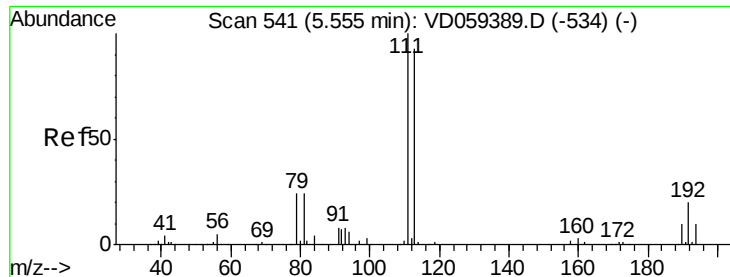


Abundance Ion 114.00 (113.70 to 114.70): V

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: 5.55 min Scan# 540

Delta R.T. -0.01 min

Lab File: VD059475.D

Acq: 28 Jun 2018 21:07

Instrument :

MSVOA_D

ClientSampleId :

147-149-B2(0-5)

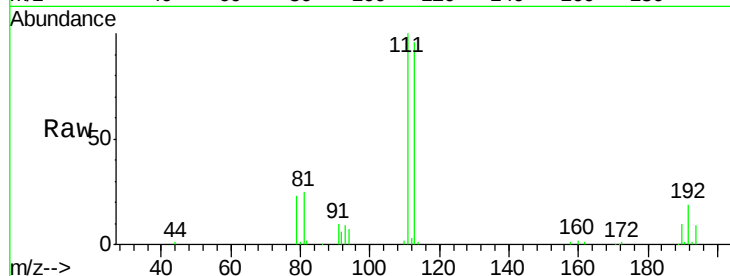
Tot Ion:113 Resp: 284011

Ion Ratio Lower Upper

113 100

111 103.7 85.7 128.5

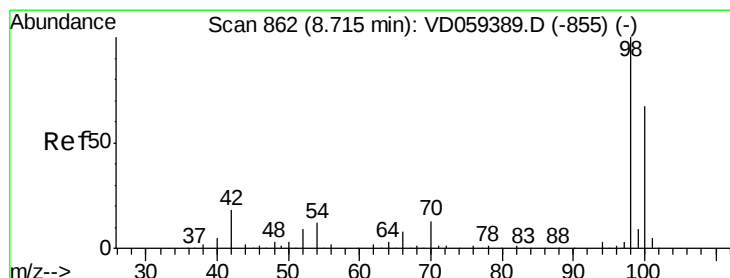
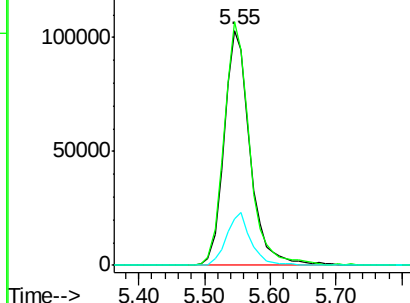
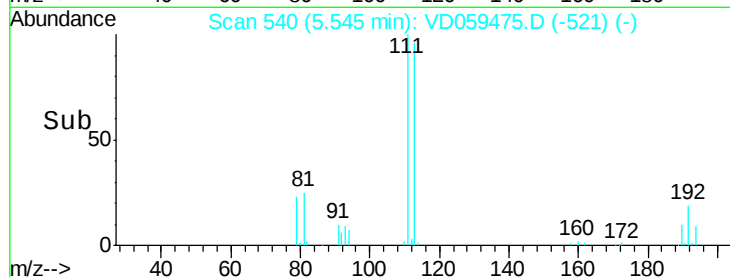
192 19.9 16.9 25.3



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: 8.71 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD059475.D

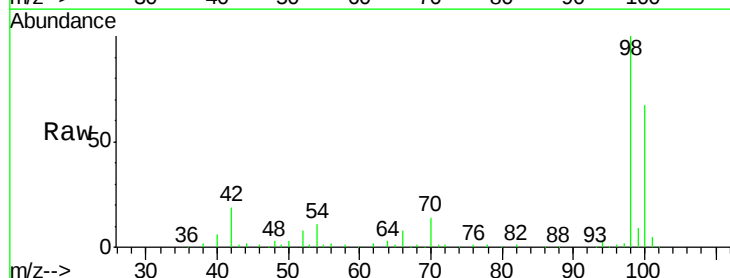
Acq: 28 Jun 2018 21:07

Tgt Ion: 98 Resp: 542394

Ion Ratio Lower Upper

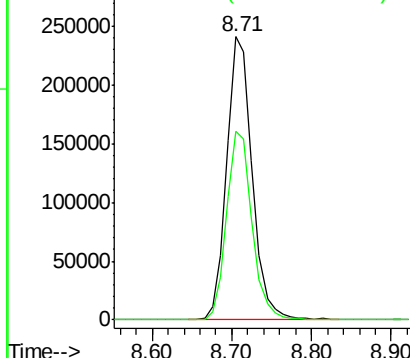
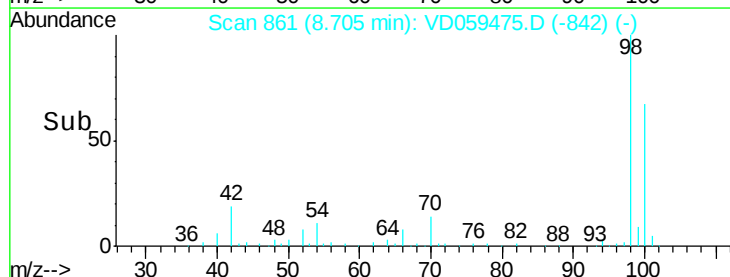
98 100

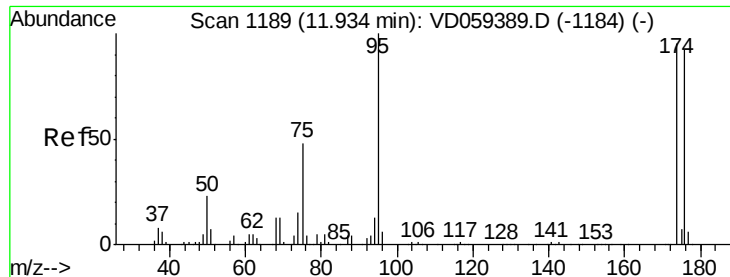
100 66.8 54.4 81.6



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: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD059475.D

Acq: 28 Jun 2018 21:07

Instrument :

MSVOA_D

ClientSampleId :

147-149-B2(0-5)

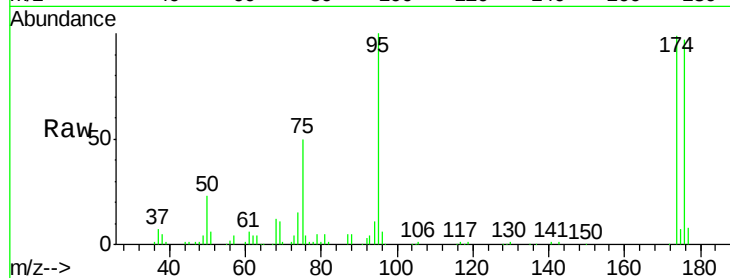
Tot Ion: 95 Resp: 241869

Ion Ratio Lower Upper

95 100

174 99.2 0.0 190.4

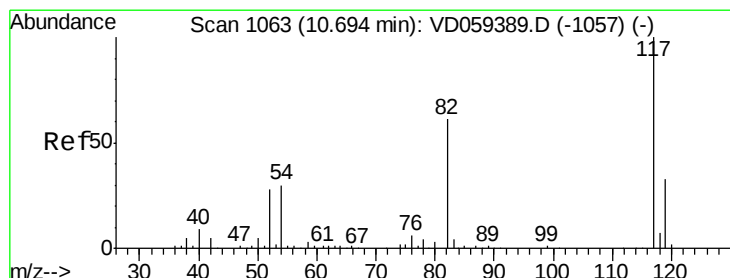
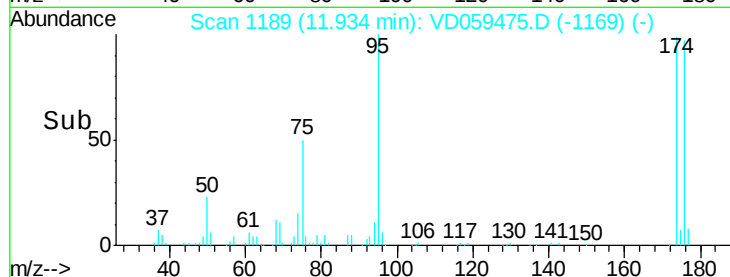
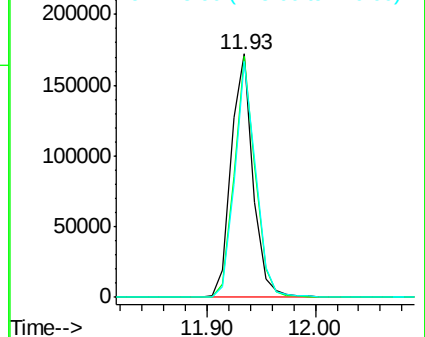
176 96.8 0.0 183.2



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: 10.69 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD059475.D

Acq: 28 Jun 2018 21:07

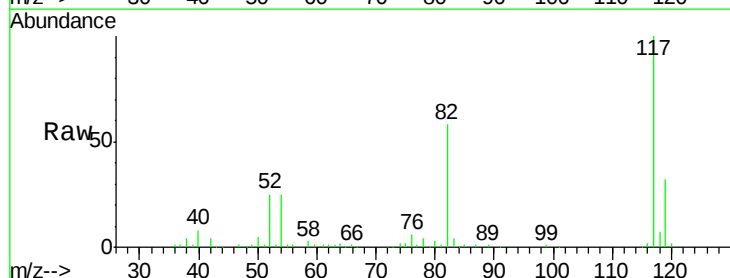
Tgt Ion: 117 Resp: 594864

Ion Ratio Lower Upper

117 100

82 57.6 49.0 73.6

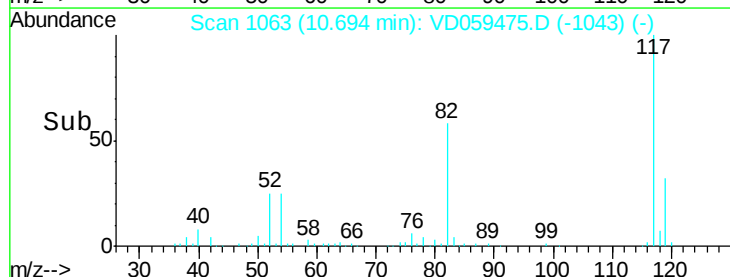
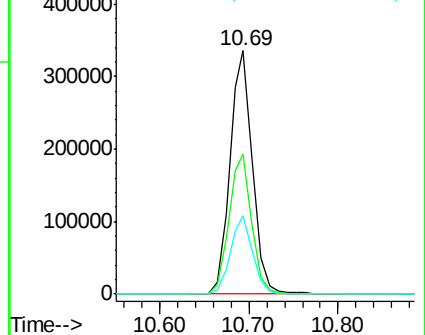
119 32.5 26.2 39.4

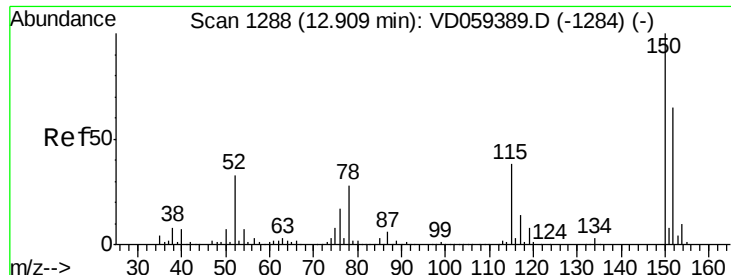


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD059475.D

Acq: 28 Jun 2018 21:07

Instrument :

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ClientSampleId :

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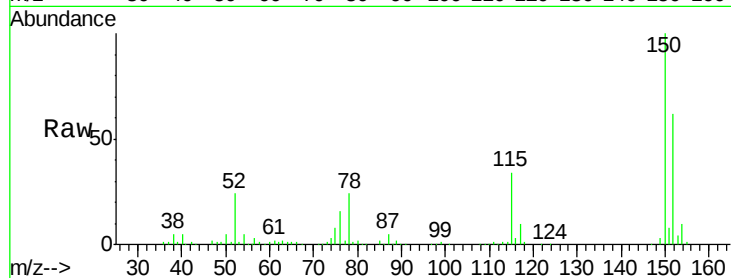
Tot Ion:152 Resp: 286484

Ion Ratio Lower Upper

152 100

115 54.5 29.4 88.3

150 162.1 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

