

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058257.D
 Acq On : 21 Jun 2018 17:28
 Operator : VA/AP
 Sample : J3593-01
 Misc : 7.45g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S39-9005

Quant Time: Jun 22 07:02:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

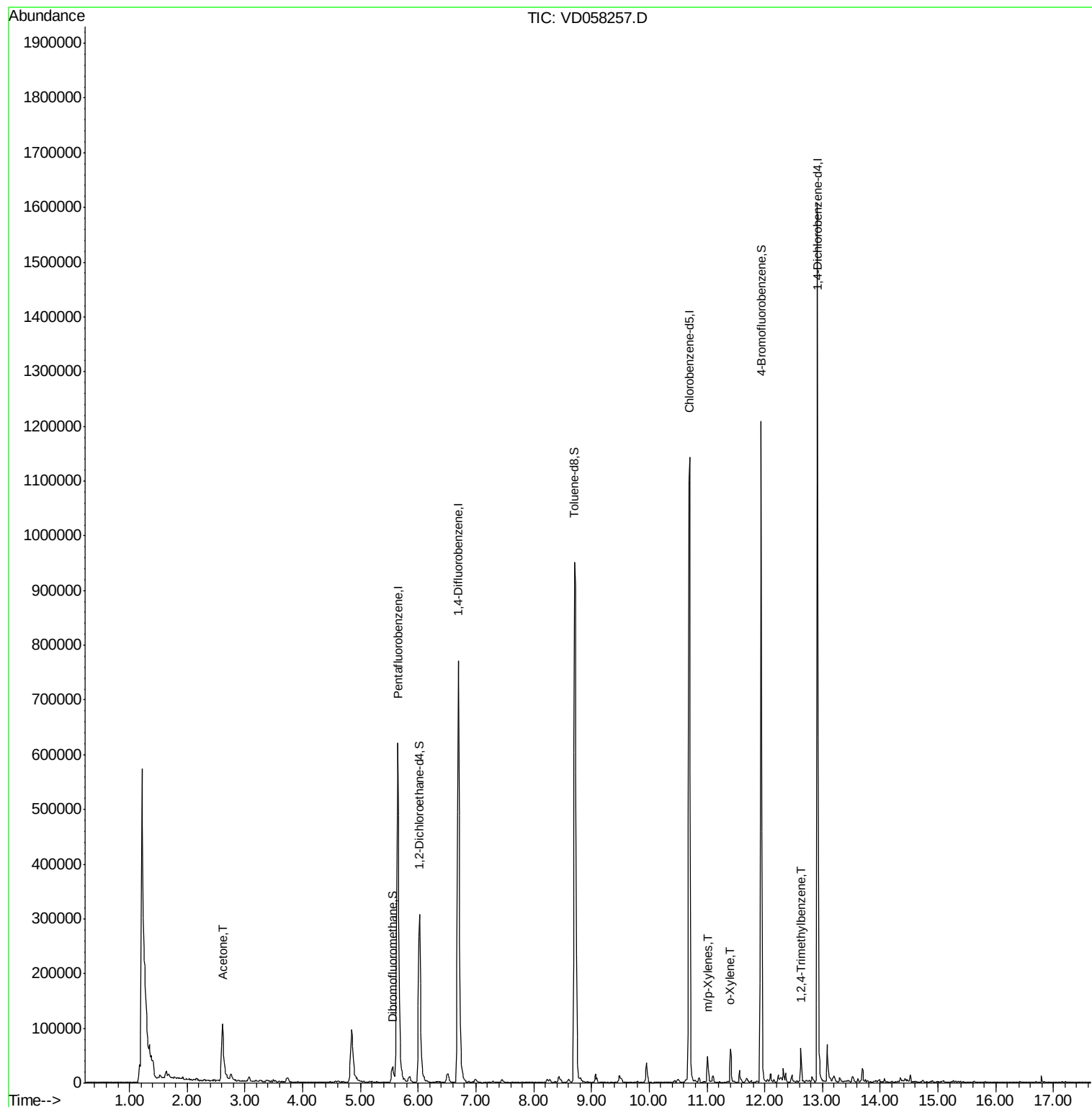
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	612077	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.70	114	786439	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	646706	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	348409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	322675	52.19	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.38%	
35) Dibromofluoromethane	5.56	113	20816	3.25	ug/l	0.01
Spiked Amount 50.000			Recovery	=	6.50%	
50) Toluene-d8	8.71	98	767542	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.94	95	315481	49.87	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.74%	
Target Compounds						
16) Acetone	2.61	43	224446	265.46	ug/l	93
68) m/p-Xylenes	11.00	106	13088	1.84	ug/l	81
69) o-Xylene	11.41	106	13134	1.93	ug/l	89
84) 1,2,4-Trimethylbenzene	12.63	105	25238	1.43	ug/l	94

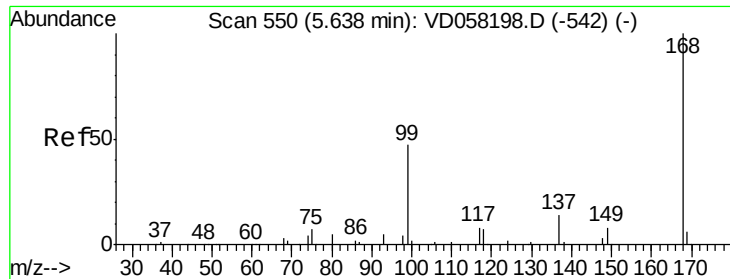
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058257.D

Acq: 21 Jun 2018 17:28

Instrument :

MSVOA_D

ClientSampleId :

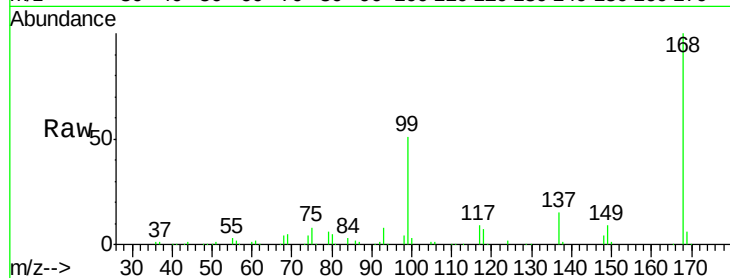
S39-9005

Tot Ion:168 Resp: 612077

Ion Ratio Lower Upper

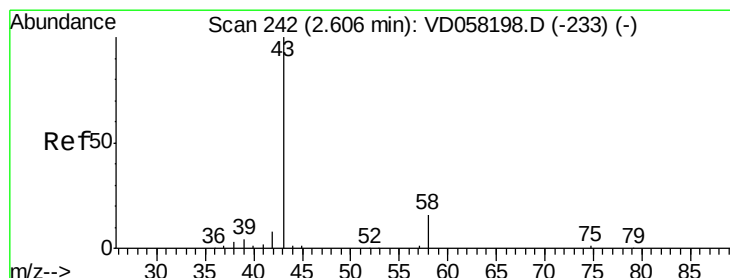
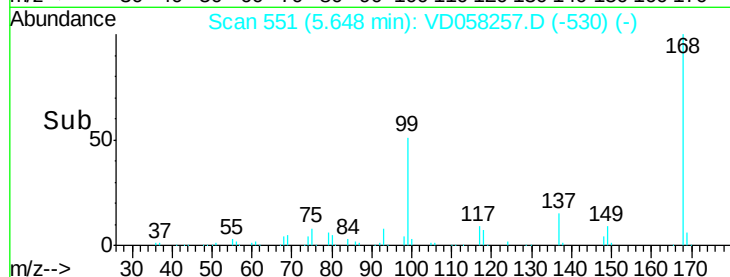
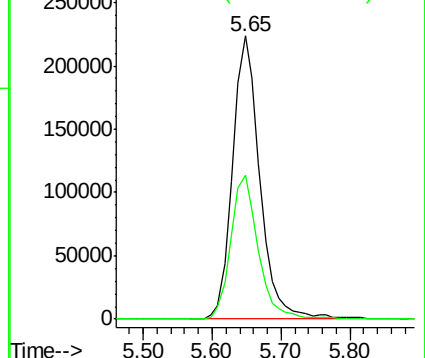
168 100

99 50.9 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 265.46 ug/l

RT: 2.61 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD058257.D

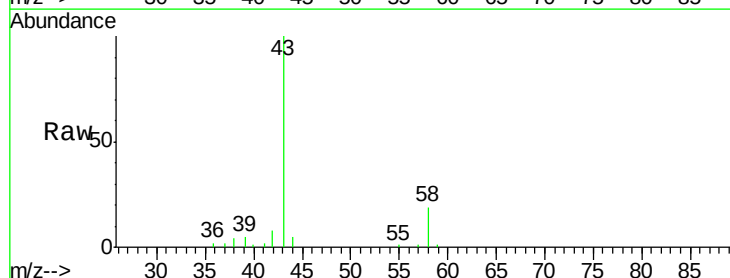
Acq: 21 Jun 2018 17:28

Tgt Ion: 43 Resp: 224446

Ion Ratio Lower Upper

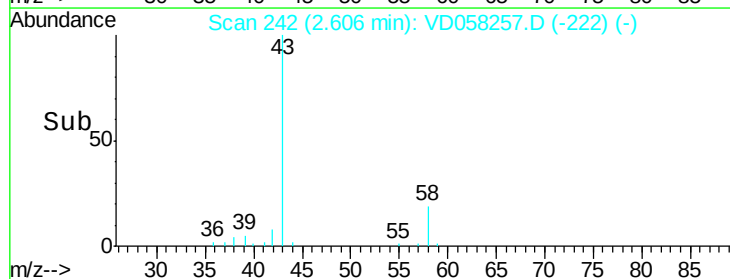
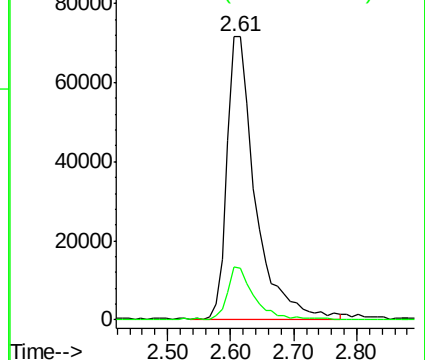
43 100

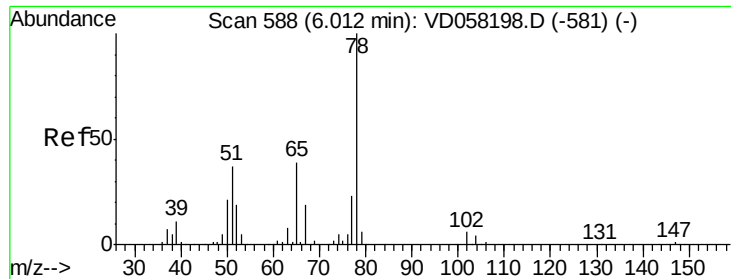
58 18.8 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD058257.D

Acq: 21 Jun 2018 17:28

Instrument :

MSVOA_D

ClientSampleId :

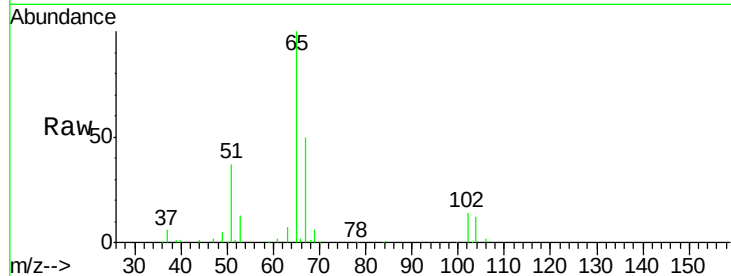
S39-9005

Tot Ion: 65 Resp: 322675

Ion Ratio Lower Upper

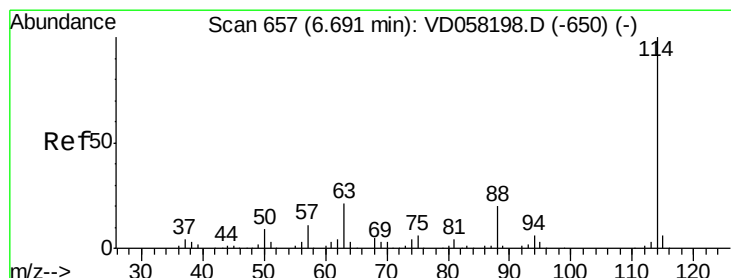
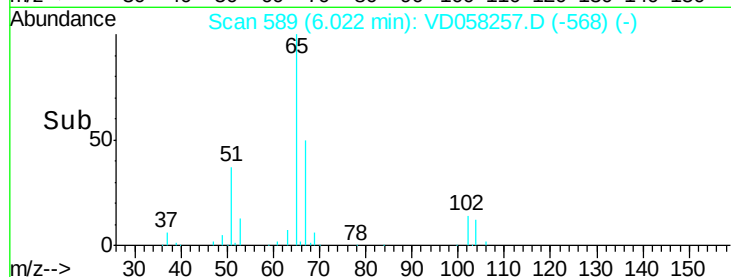
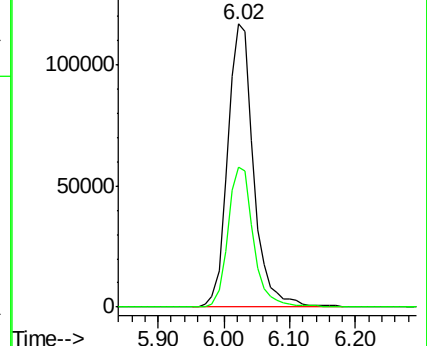
65 100

67 49.6 0.0 97.8



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: 6.70 min Scan# 658

Delta R.T. 0.01 min

Lab File: VD058257.D

Acq: 21 Jun 2018 17:28

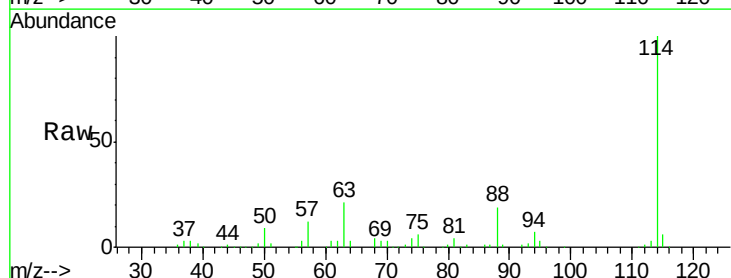
Tgt Ion: 114 Resp: 786439

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

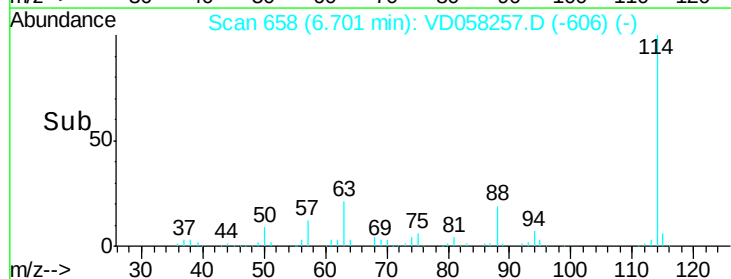
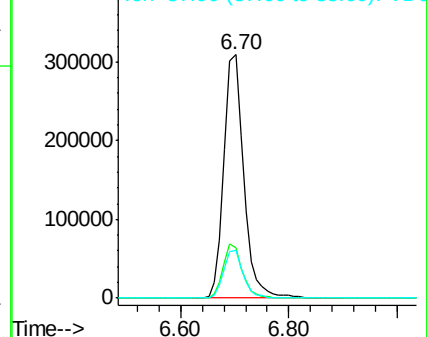
88 19.5 0.0 40.6

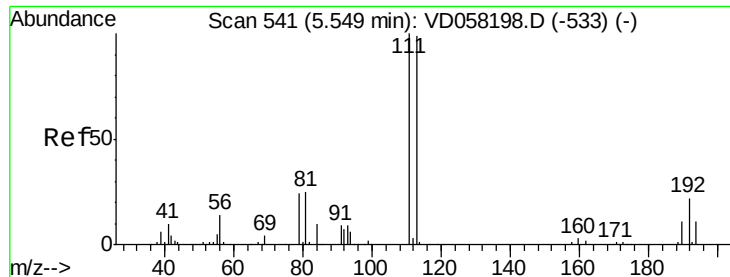


Abundance Ion 114.00 (113.70 to 114.70): V

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: 5.56 min Scan# 542

Delta R.T. 0.01 min

Lab File: VD058257.D

Acq: 21 Jun 2018 17:28

Instrument :

MSVOA_D

ClientSampleId :

S39-9005

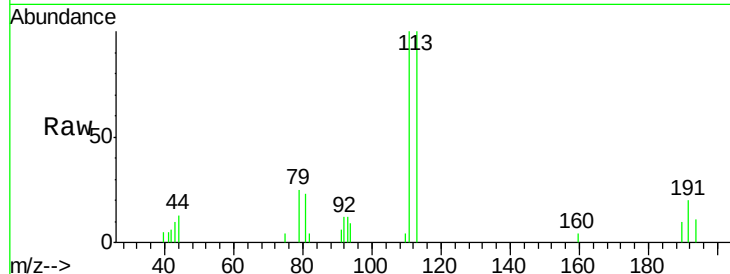
Tot Ion:113 Resp: 20816

Ion Ratio Lower Upper

113 100

111 99.8 80.6 121.0

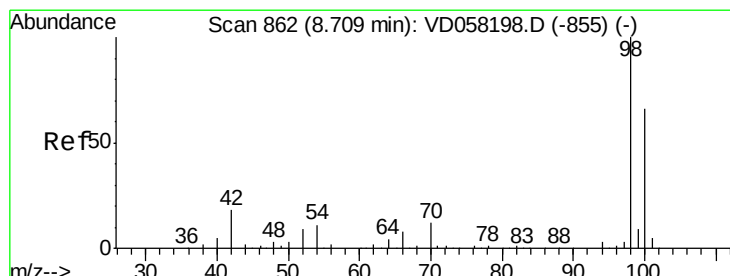
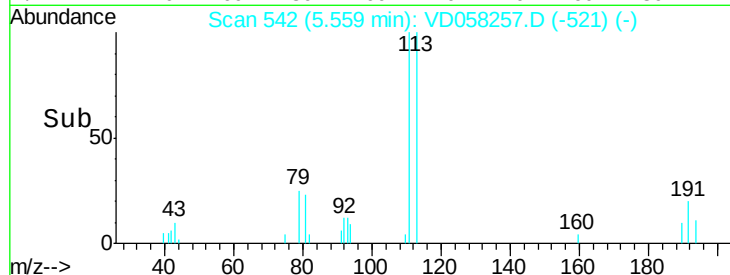
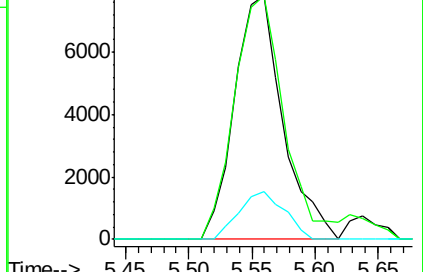
192 19.6 17.8 26.6



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# 862

Delta R.T. 0.00 min

Lab File: VD058257.D

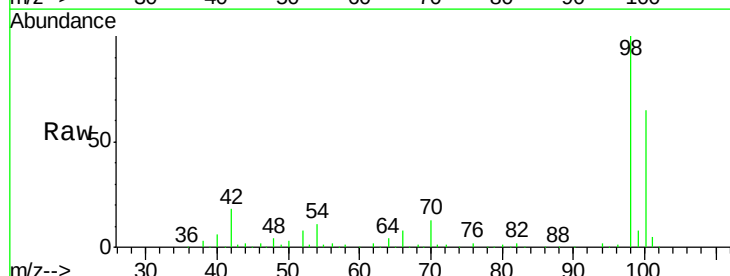
Acq: 21 Jun 2018 17:28

Tgt Ion: 98 Resp: 767542

Ion Ratio Lower Upper

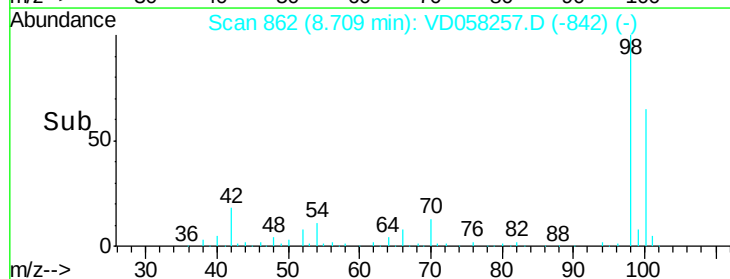
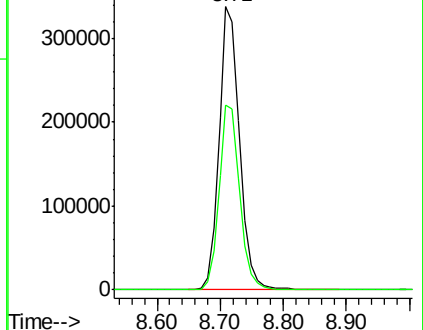
98 100

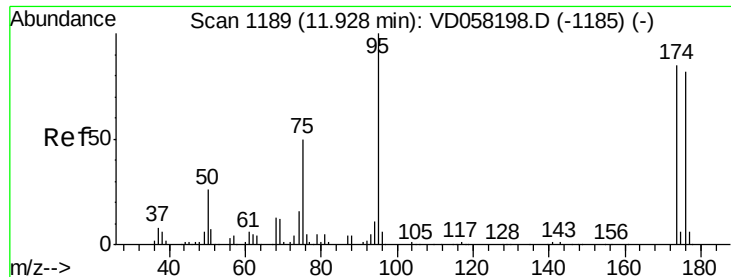
100 65.2 53.6 80.4



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: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058257.D

Acq: 21 Jun 2018 17:28

Instrument :

MSVOA_D

ClientSampleId :

S39-9005

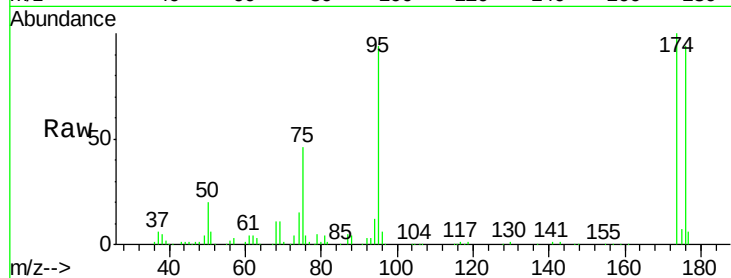
Tot Ion: 95 Resp: 315481

Ion Ratio Lower Upper

95 100

174 106.2 0.0 170.2

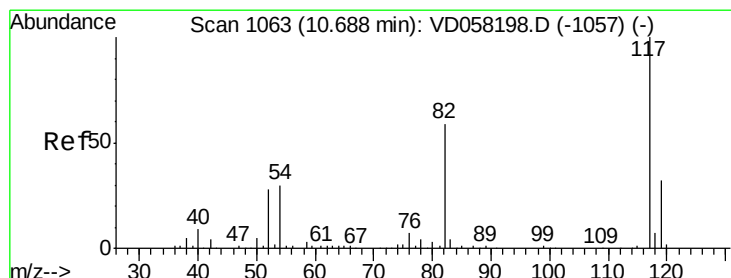
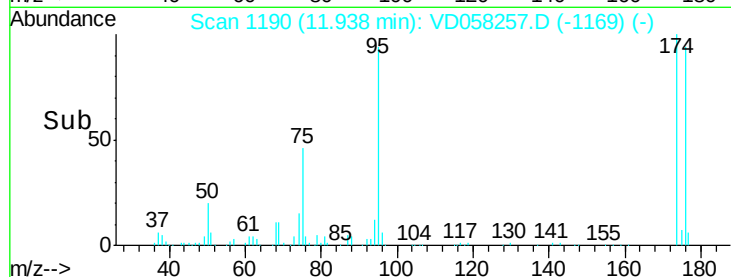
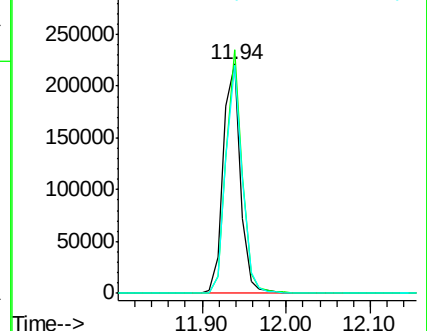
176 99.6 0.0 164.6



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: 50.00 ug/l

RT: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058257.D

Acq: 21 Jun 2018 17:28

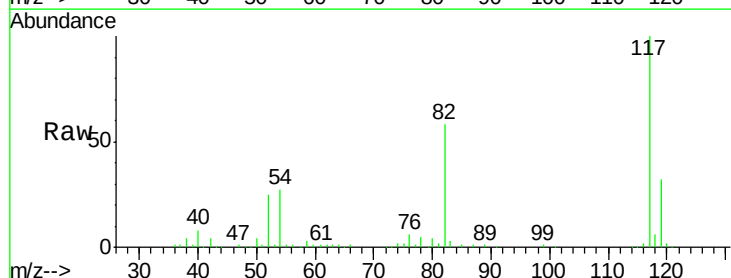
Tgt Ion: 117 Resp: 646706

Ion Ratio Lower Upper

117 100

82 58.5 47.0 70.6

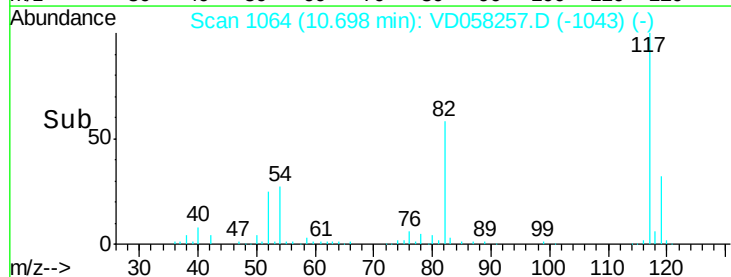
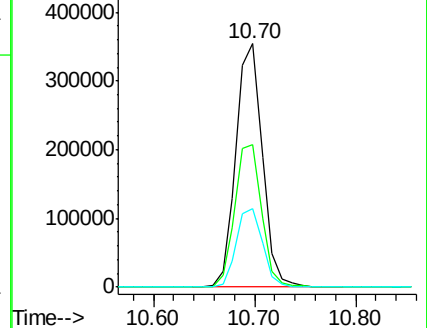
119 32.3 25.3 37.9

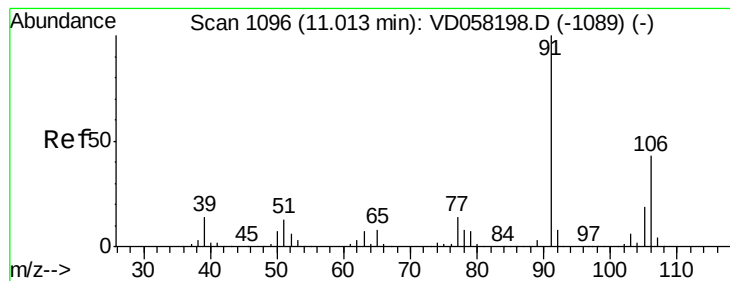


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#68

m/p-Xylenes

Concen: 1.84 ug/l

RT: 11.00 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VD058257.D

Acq: 21 Jun 2018 17:28

Instrument :

MSVOA_D

ClientSampleId :

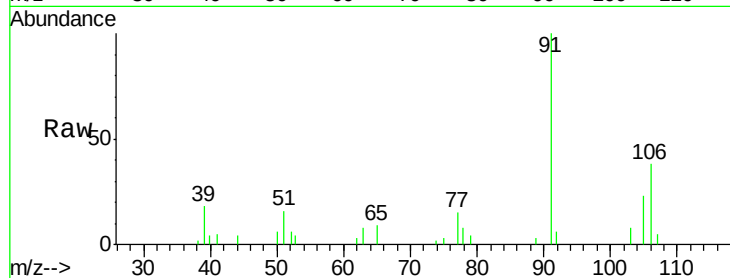
S39-9005

Tot Ion:106 Resp: 13088

Ion Ratio Lower Upper

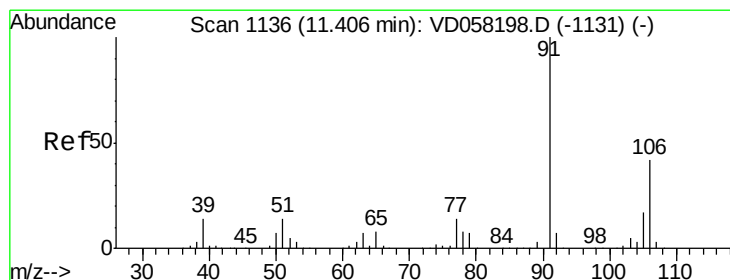
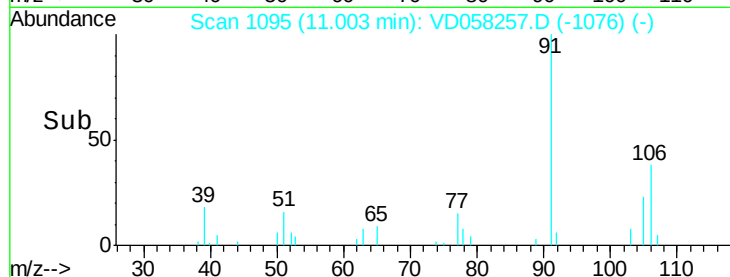
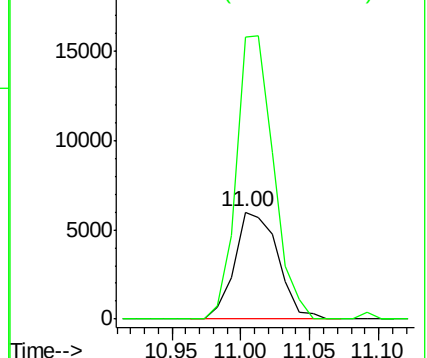
106 100

91 263.1 185.0 277.6



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC



#69

o-Xylene

Concen: 1.93 ug/l

RT: 11.41 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VD058257.D

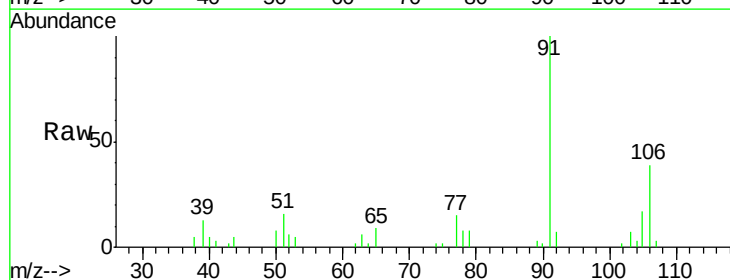
Acq: 21 Jun 2018 17:28

Tgt Ion:106 Resp: 13134

Ion Ratio Lower Upper

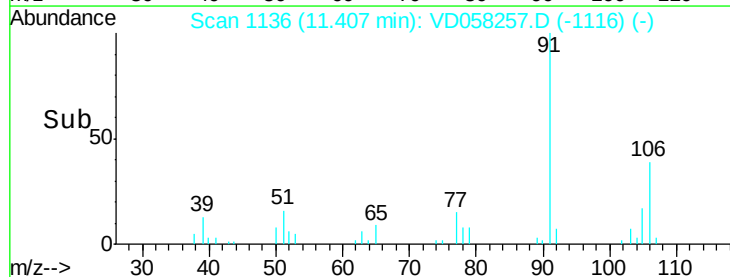
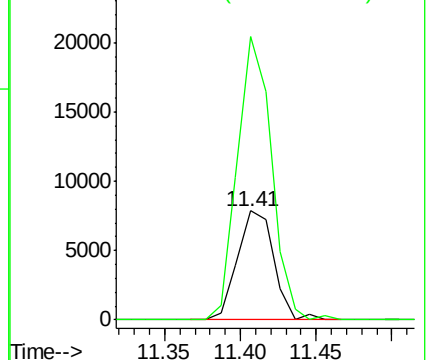
106 100

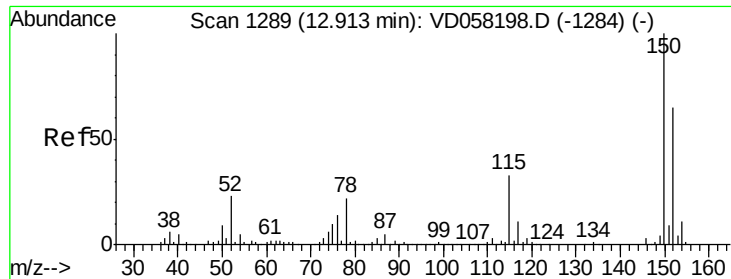
91 259.7 120.2 360.6



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD058257.D

Acq: 21 Jun 2018 17:28

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S39-9005

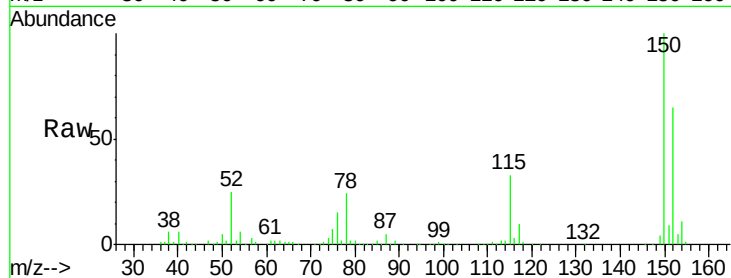
Tot Ion:152 Resp: 348409

Ion Ratio Lower Upper

152 100

115 51.2 25.1 75.3

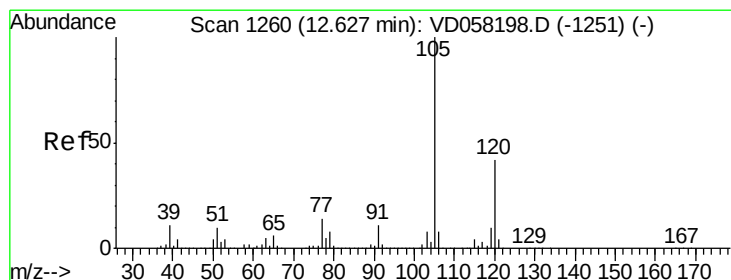
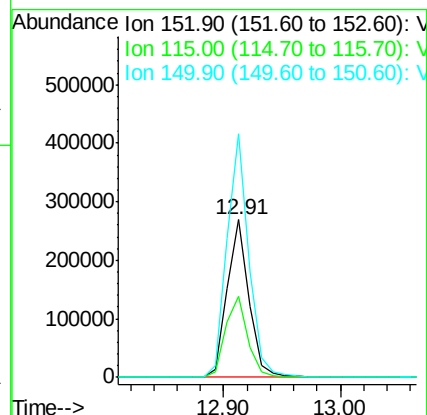
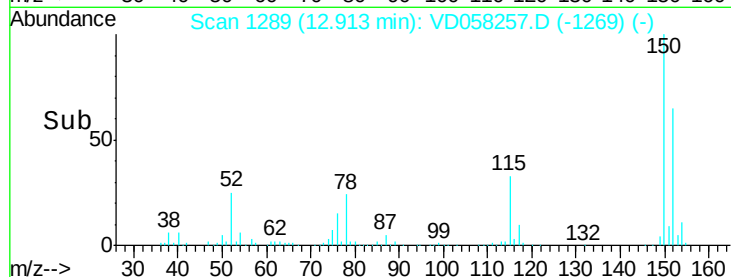
150 154.7 0.0 308.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.43 ug/l

RT: 12.63 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VD058257.D

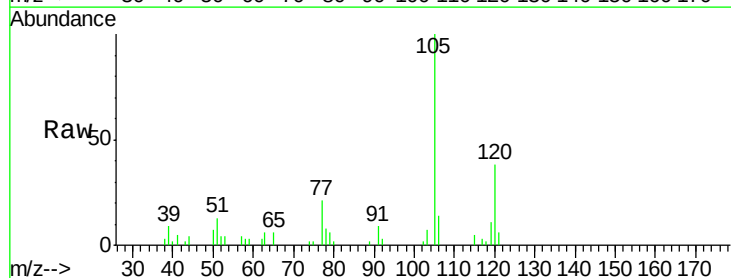
Acq: 21 Jun 2018 17:28

Tgt Ion:105 Resp: 25238

Ion Ratio Lower Upper

105 100

120 38.0 20.8 62.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

