

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD061518\
 Data File : VD058160.D
 Acq On : 15 Jun 2018 19:00
 Operator : VA/AP
 Sample : J3523-07
 Misc : 5.13g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AREA2(D)

Quant Time: Jun 16 00:02:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

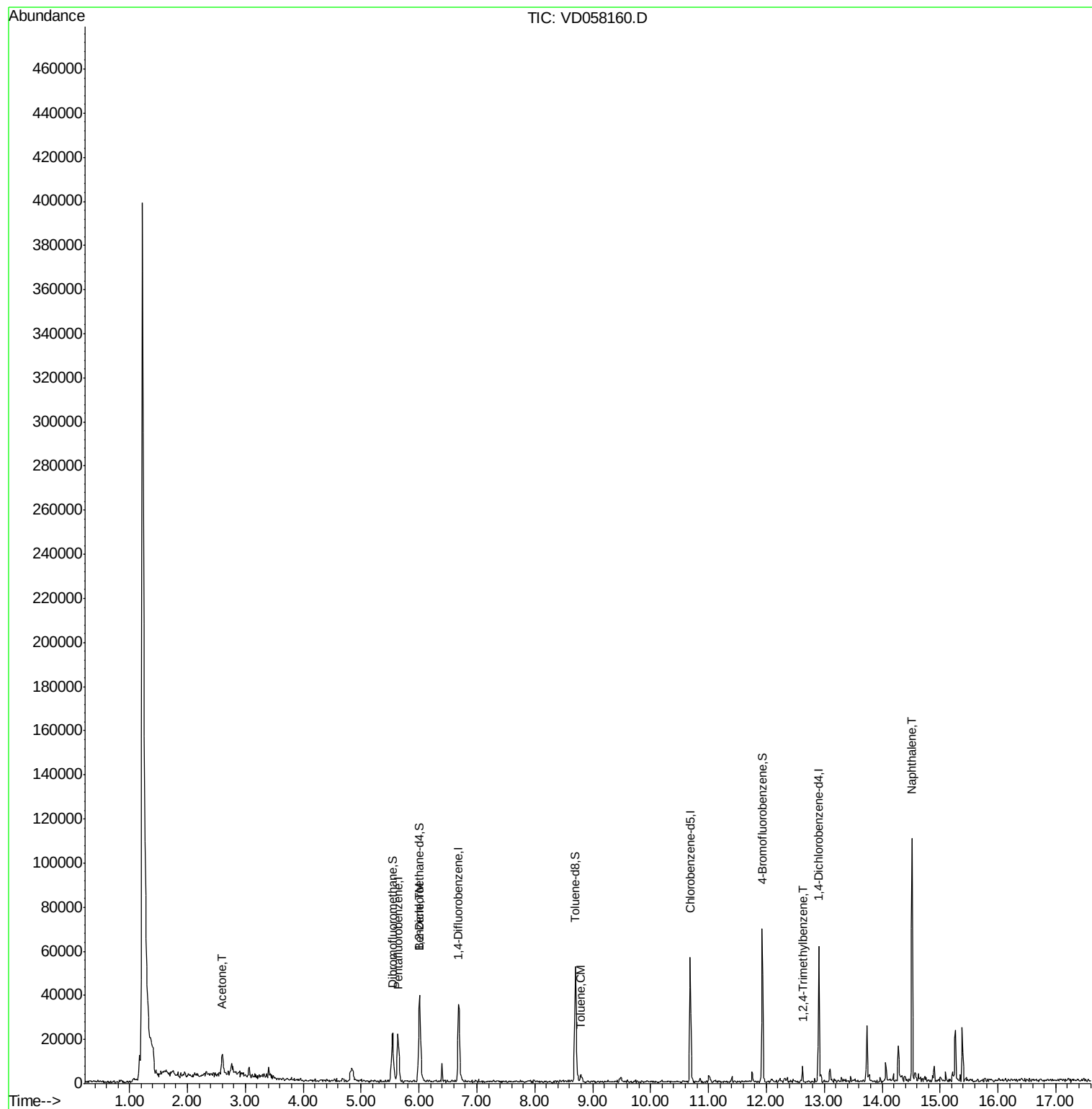
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	23090	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	33790	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	29967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	14486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	26126	113.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	226.36%	
35) Dibromofluoromethane	5.55	113	17221	65.87	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	131.74%	
50) Toluene-d8	8.71	98	42432	68.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.54%	
62) 4-Bromofluorobenzene	11.93	95	18219	67.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.38%	
Target Compounds						
16) Acetone	2.60	43	17596	529.07	ug/l	95
40) Benzene	6.01	78	17754	20.41	ug/l	97
52) Toluene	8.80	92	2342	4.69	ug/l #	61
84) 1,2,4-Trimethylbenzene	12.63	105	2933	3.65	ug/l	90
95) Naphthalene	14.52	128	59398	127.01	ug/l	98

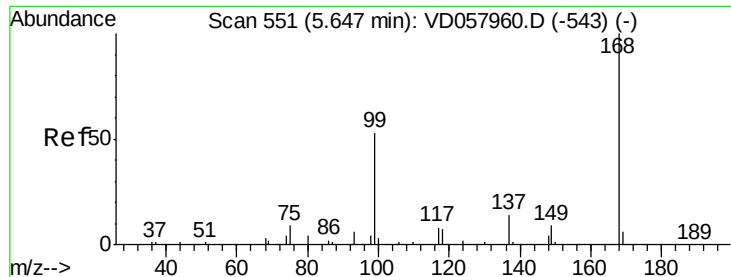
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

ClientSampleId :

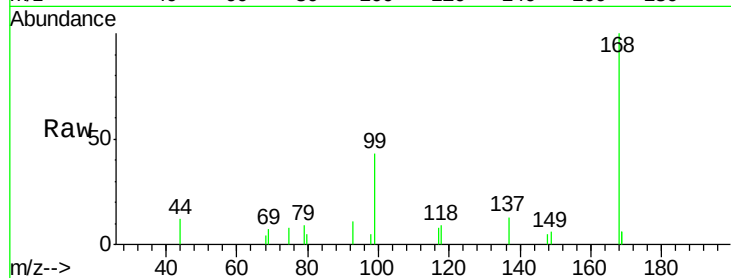
AREA2(D)

Tot Ion:168 Resp: 23090

Ion Ratio Lower Upper

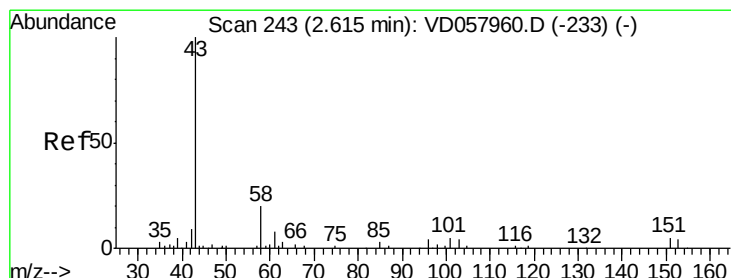
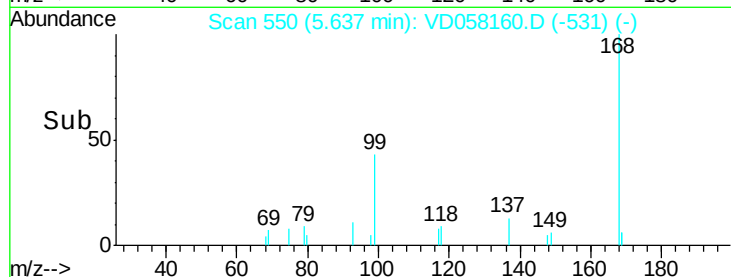
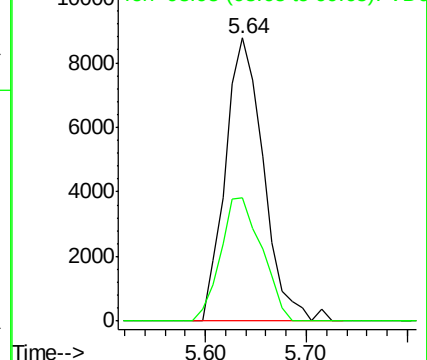
168 100

99 43.4 46.8 70.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 529.07 ug/l

RT: 2.60 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058160.D

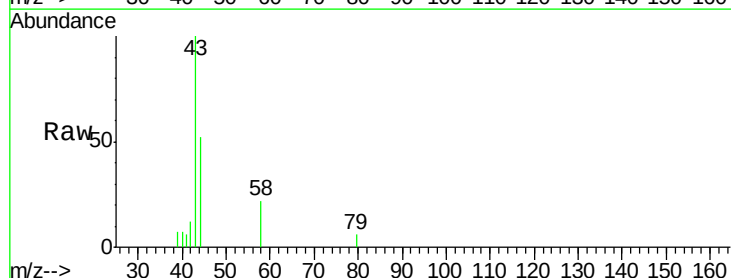
Acq: 15 Jun 2018 19:00

Tgt Ion: 43 Resp: 17596

Ion Ratio Lower Upper

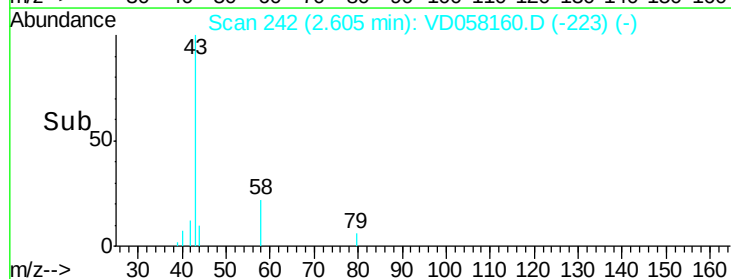
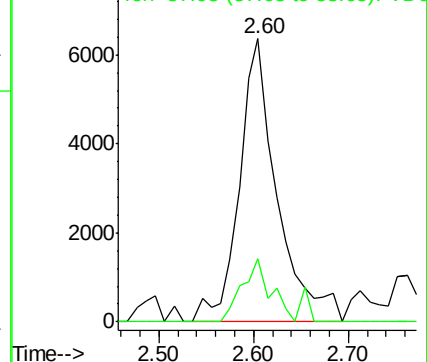
43 100

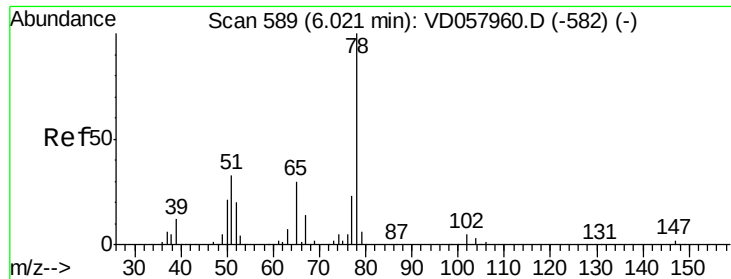
58 22.2 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

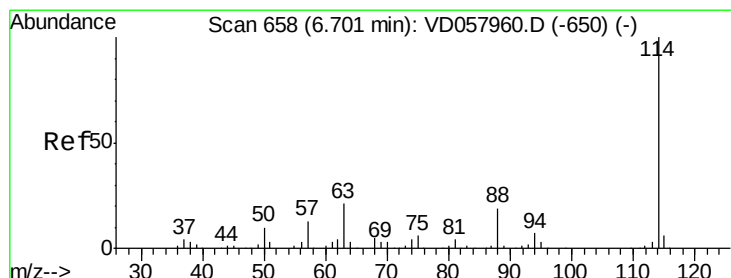
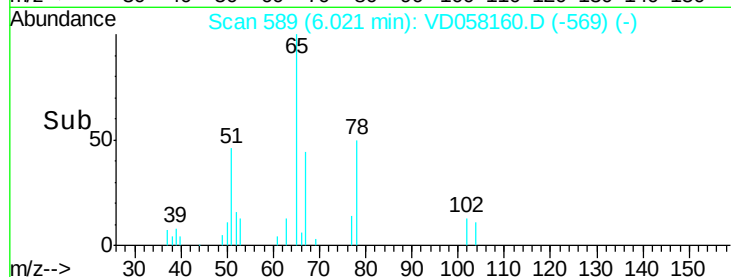
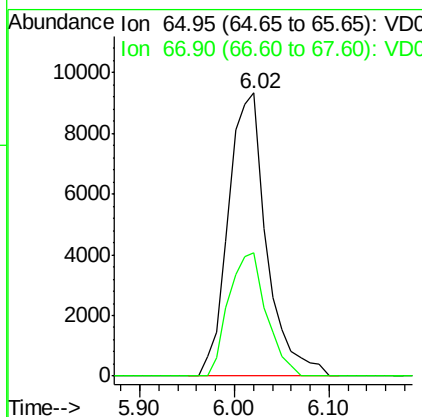
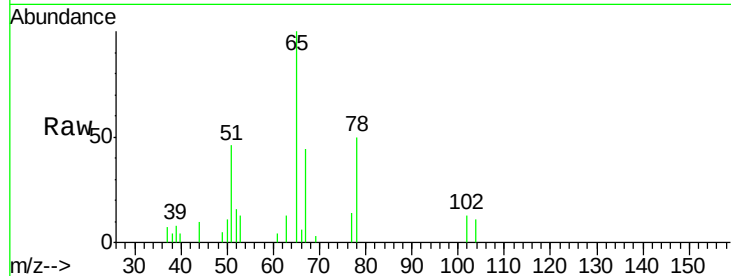




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: VD058160.D
 Acq: 15 Jun 2018 19:00

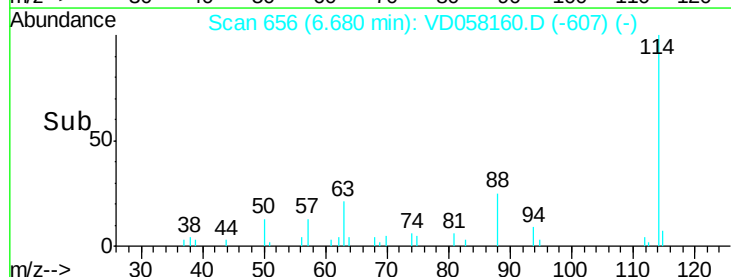
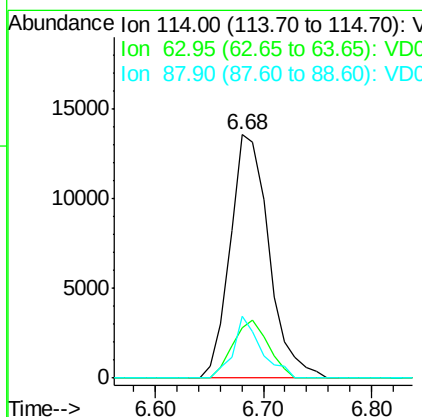
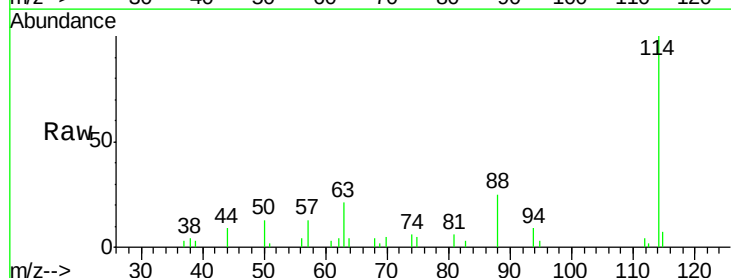
Instrument :
 MSVOA_D
 ClientSampleId :
 AREA2(D)

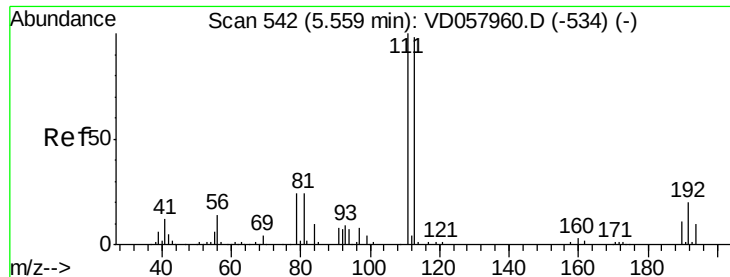
Tot Ion: 65 Resp: 26126
 Ion Ratio Lower Upper
 65 100
 67 43.8 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD058160.D
 Acq: 15 Jun 2018 19:00

Tgt Ion: 114 Resp: 33790
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 25.2 0.0 37.8





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.01 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

ClientSampleId :

AREA2(D)

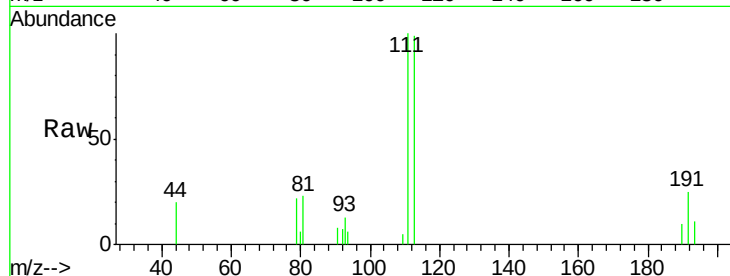
Tot Ion:113 Resp: 17221

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

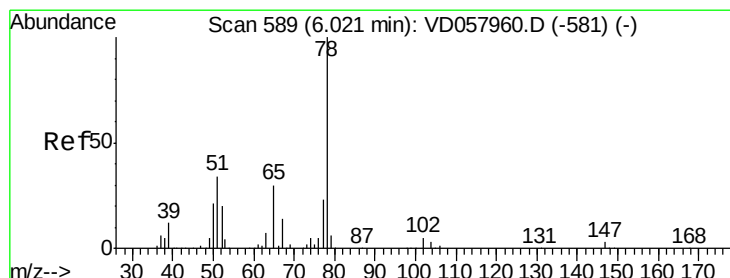
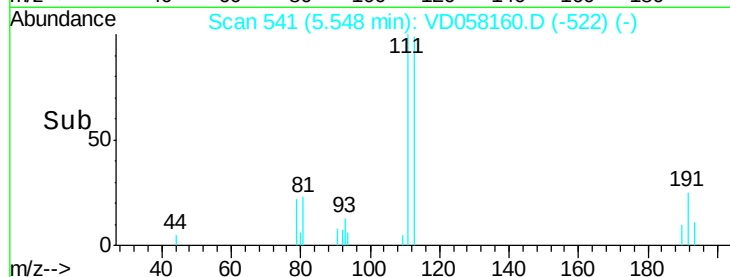
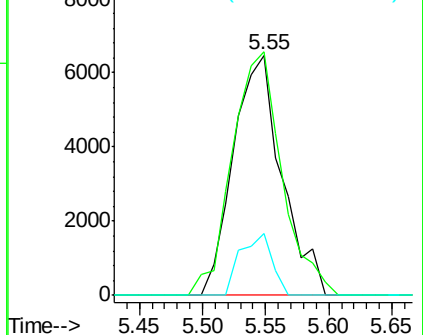
192 25.6 16.4 24.6#



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



#40

Benzene

Concen: 20.41 ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058160.D

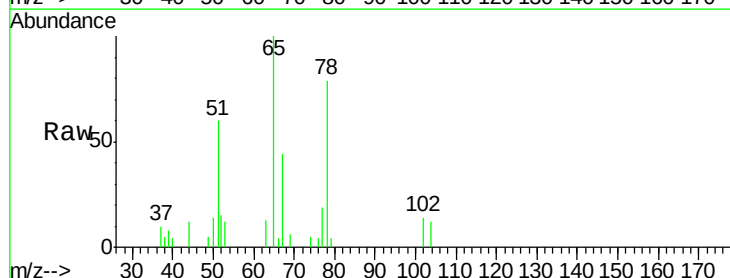
Acq: 15 Jun 2018 19:00

Tgt Ion: 78 Resp: 17754

Ion Ratio Lower Upper

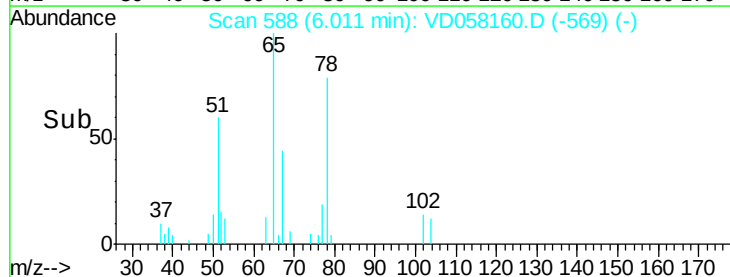
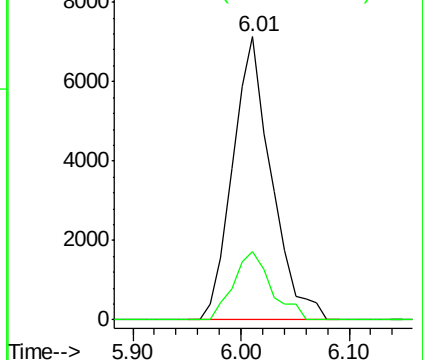
78 100

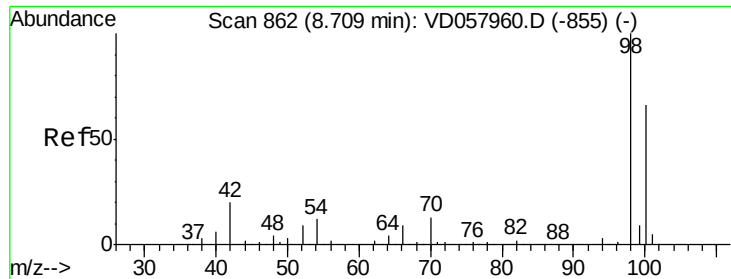
77 24.0 18.1 27.1



Abundance Ion 77.95 (77.65 to 78.65): V

Ion 76.95 (76.65 to 77.65): V

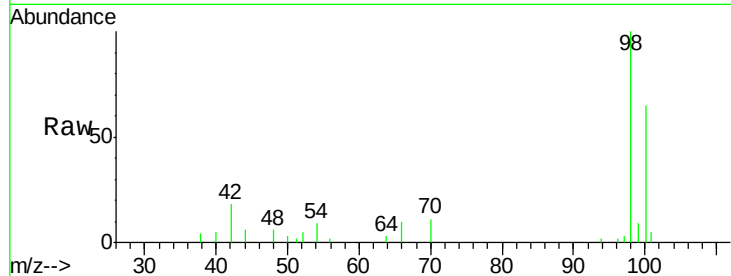




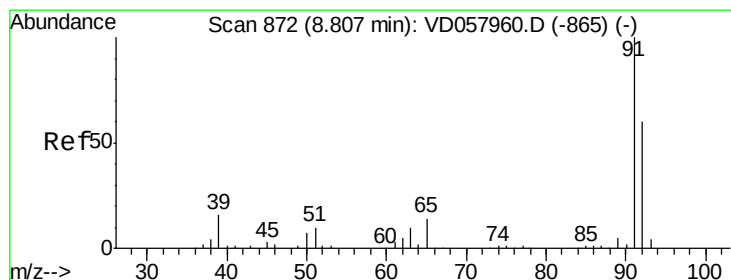
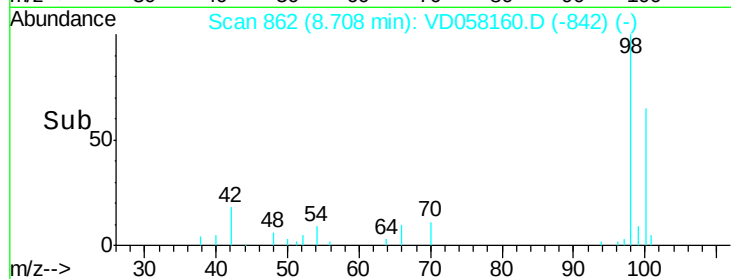
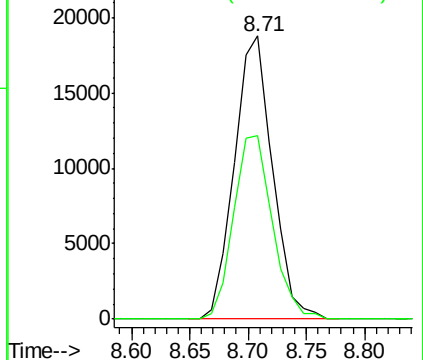
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.00 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

Instrument :
MSVOA_D
ClientSampleId :
AREA2(D)

Tot Ion: 98 Resp: 42432
Ion Ratio Lower Upper
98 100
100 65.0 53.4 80.0

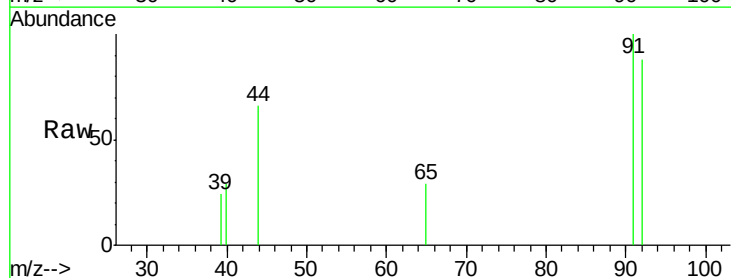


Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

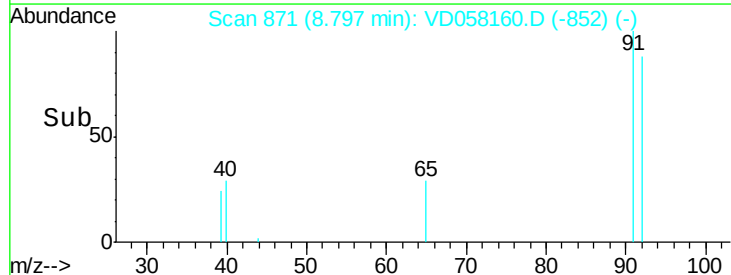
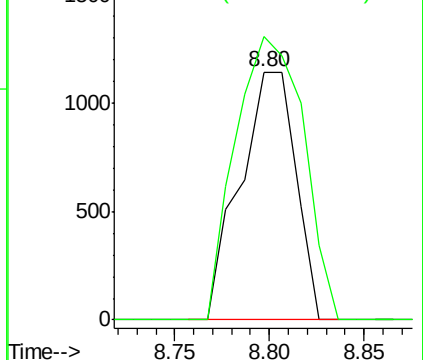


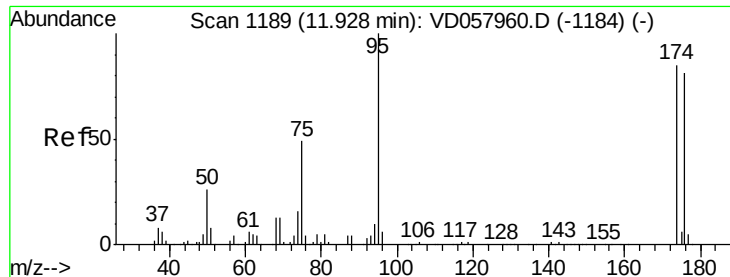
#52
Toluene
Concen: 4.69 ug/l
RT: 8.80 min Scan# 871
Delta R.T. -0.01 min
Lab File: VD058160.D
Acq: 15 Jun 2018 19:00

Tgt Ion: 92 Resp: 2342
Ion Ratio Lower Upper
92 100
91 114.2 133.0 199.6#



Abundance Ion 92.00 (91.70 to 92.70): VD057960.D (-865) (-)
Ion 91.00 (90.70 to 91.70): VD057960.D (-865) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

MSVOA_D

ClientSampleId :

AREA2(D)

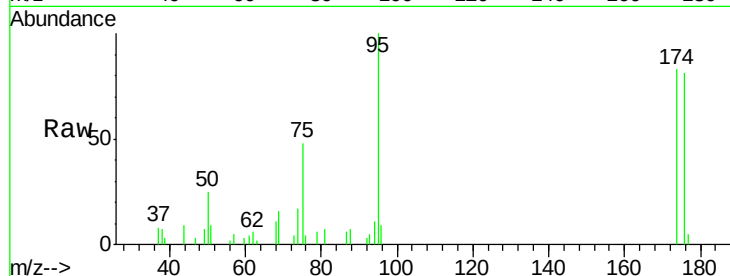
Tot Ion: 95 Resp: 18219

Ion Ratio Lower Upper

95 100

174 83.1 0.0 169.4

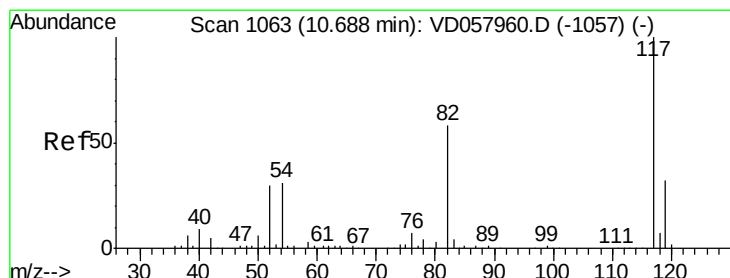
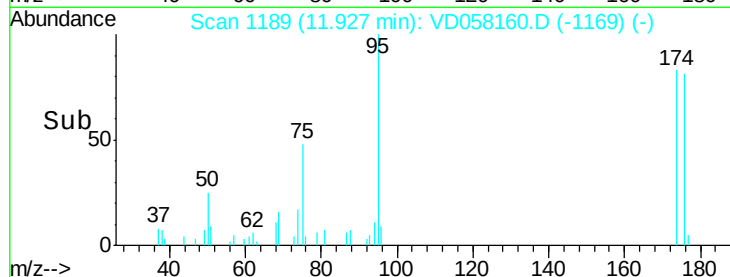
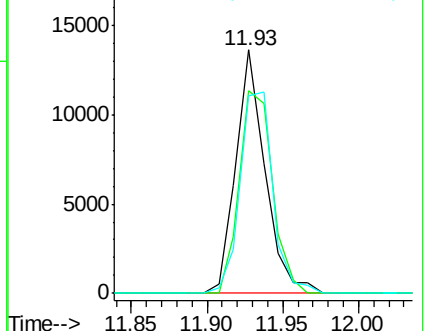
176 81.0 0.0 162.6



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: 10.69 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

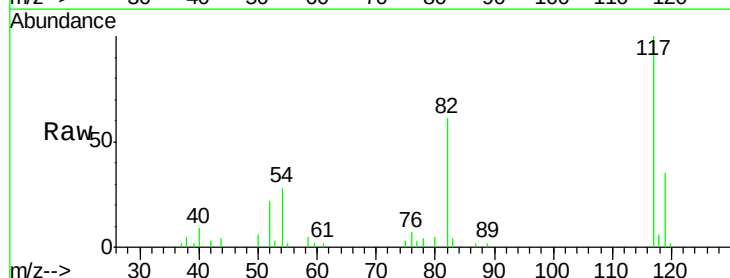
Tgt Ion: 117 Resp: 29967

Ion Ratio Lower Upper

117 100

82 60.8 46.8 70.2

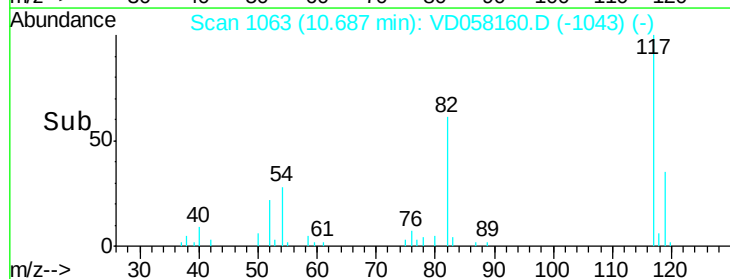
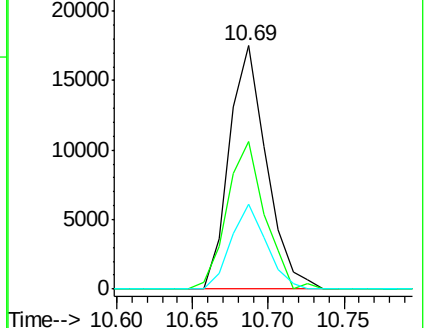
119 34.9 25.8 38.6

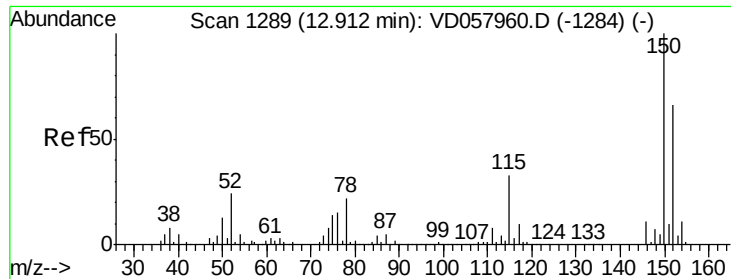


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1289

Delta R.T. -0.00 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

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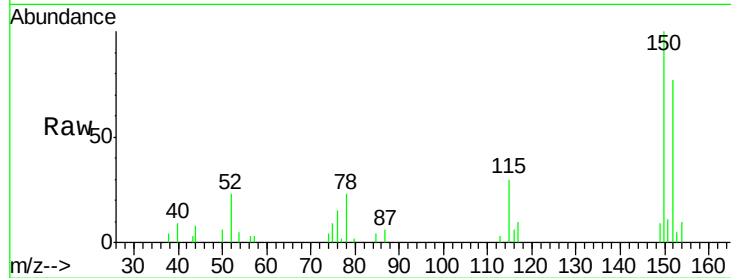
Tot Ion:152 Resp: 14486

Ion Ratio Lower Upper

152 100

115 38.9 25.6 76.6

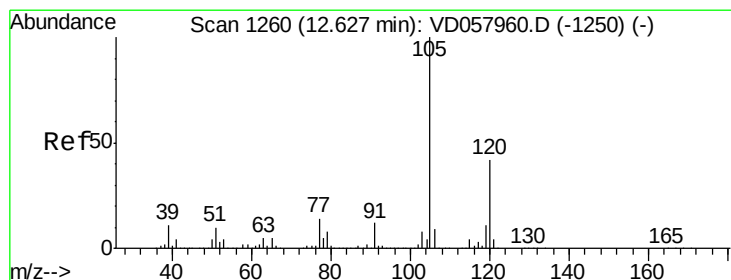
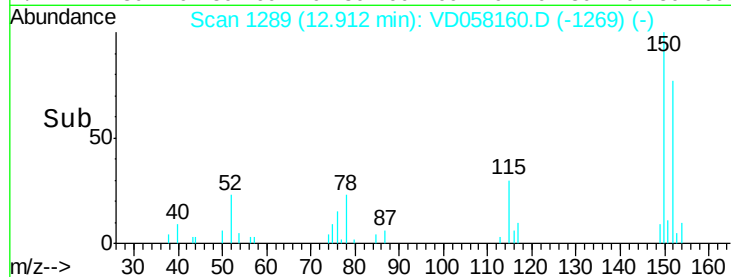
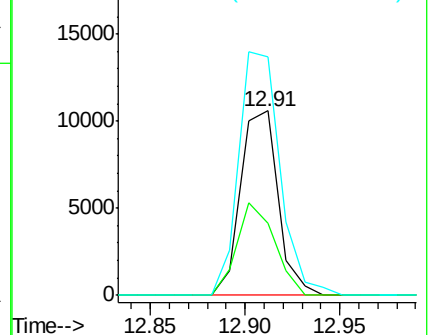
150 129.2 0.0 306.8



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: 3.65 ug/l

RT: 12.63 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VD058160.D

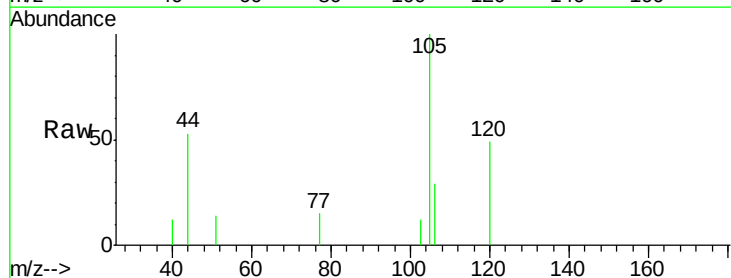
Acq: 15 Jun 2018 19:00

Tgt Ion:105 Resp: 2933

Ion Ratio Lower Upper

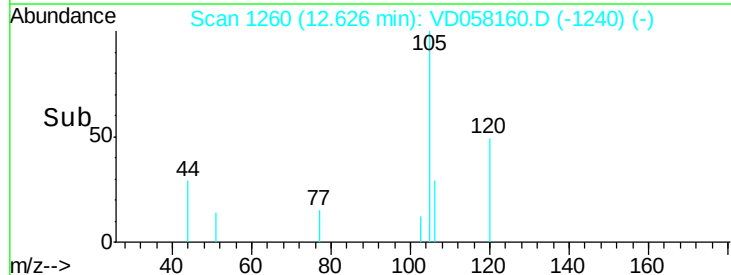
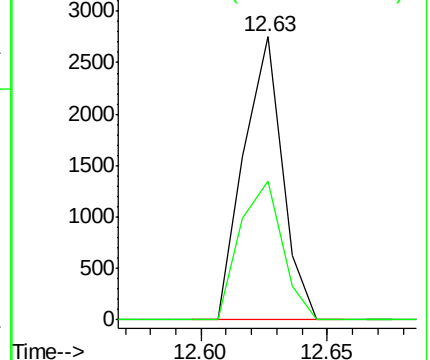
105 100

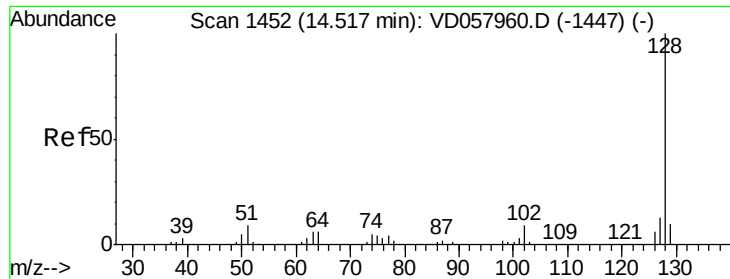
120 48.8 21.2 63.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#95

Naphthalene

Concen: 127.01 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VD058160.D

Acq: 15 Jun 2018 19:00

Instrument :

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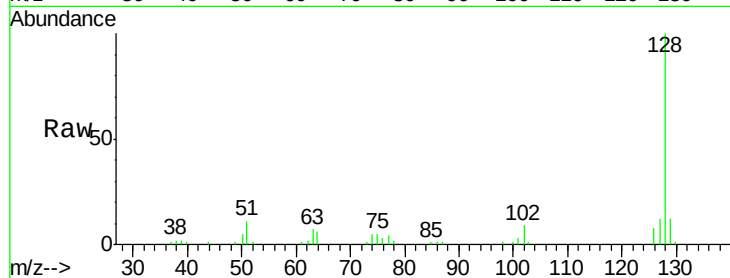
Tot Ion:128 Resp: 59398

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.2

129 11.6 8.2 12.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

