

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057973.D
 Acq On : 7 Jun 2018 15:54
 Operator : JC/SY
 Sample : J3320-04
 Misc : 6.26g/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S39-0179

Quant Time: Jun 08 07:36:47 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

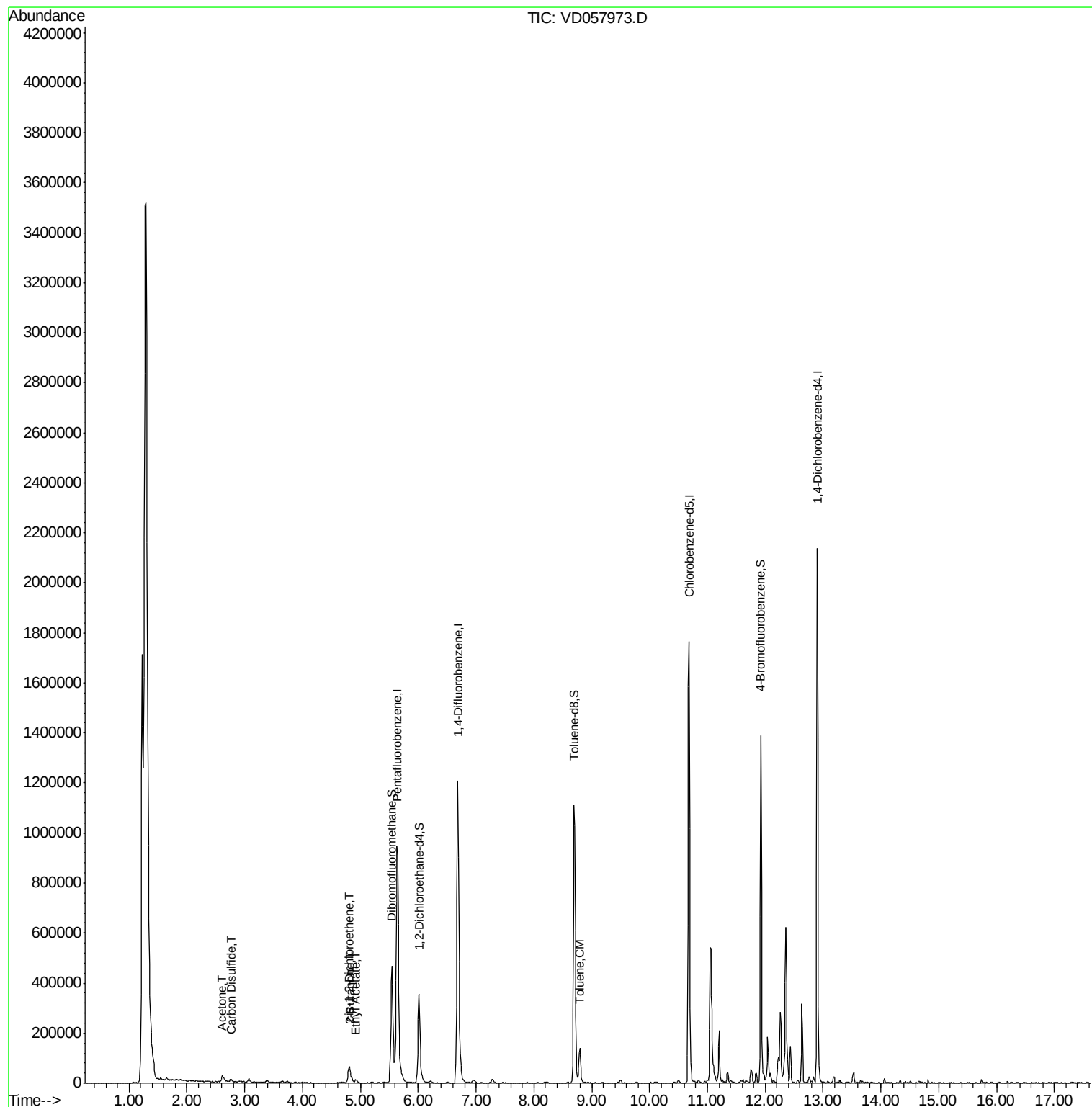
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	979297	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	1266834	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	985042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	442593	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	365398	37.32	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	74.64%	
35) Dibromofluoromethane	5.54	113	384011	39.18	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	78.36%	
50) Toluene-d8	8.70	98	875901	37.59	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.18%	
62) 4-Bromofluorobenzene	11.92	95	356662	35.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.18%	
Target Compounds						
					Qvalue	
16) Acetone	2.61	43	55945	39.662	ug/l	96
17) Carbon Disulfide	2.76	76	16367	1.150	ug/l #	91
25) 2-Butanone	4.83	43	29847	9.311	ug/l #	86
27) cis-1,2-Dichloroethene	4.80	96	37712	3.635	ug/l	81
37) Ethyl Acetate	4.91	43	24260	3.186	ug/l #	92
52) Toluene	8.79	92	67959	3.632	ug/l	94

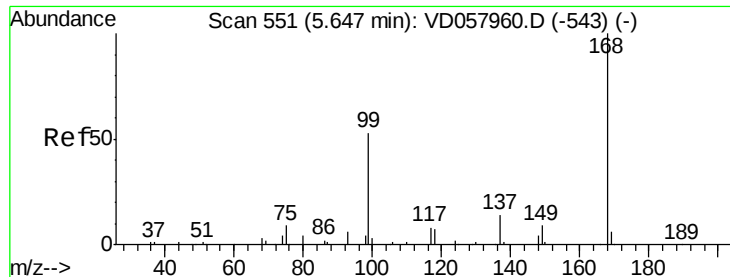
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060718\
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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.01 min

Lab File: VD057973.D

Acq: 7 Jun 2018 15:54

Instrument :

MSVOA_D

ClientSampleId :

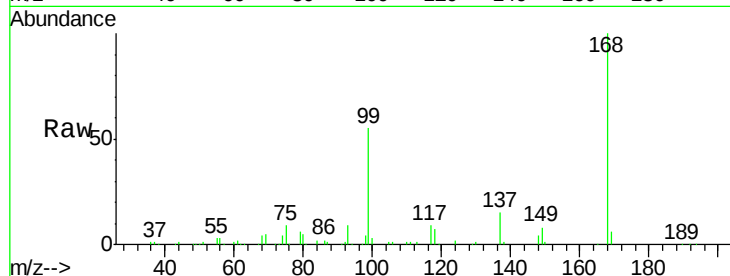
S39-0179

Tot Ion:168 Resp: 979297

Ion Ratio Lower Upper

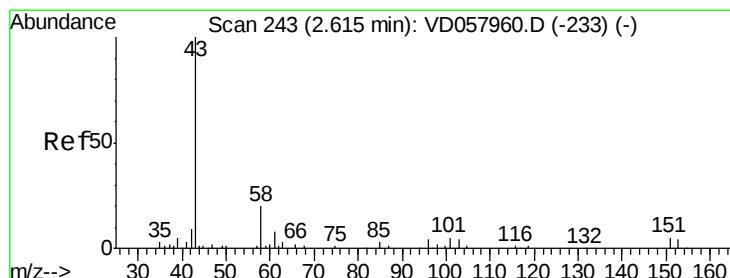
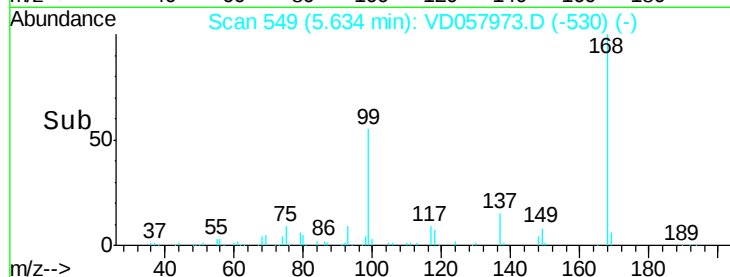
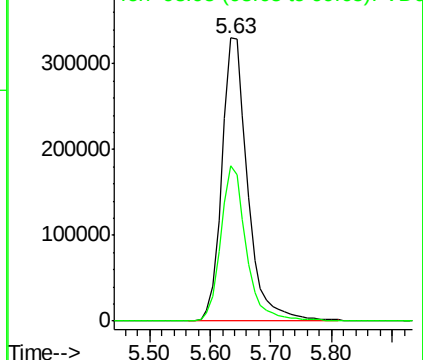
168 100

99 54.9 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: 39.662 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD057973.D

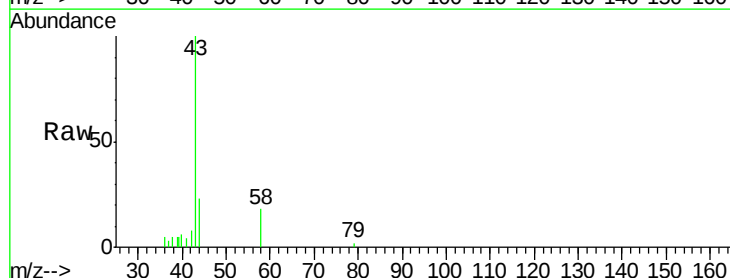
Acq: 7 Jun 2018 15:54

Tgt Ion: 43 Resp: 55945

Ion Ratio Lower Upper

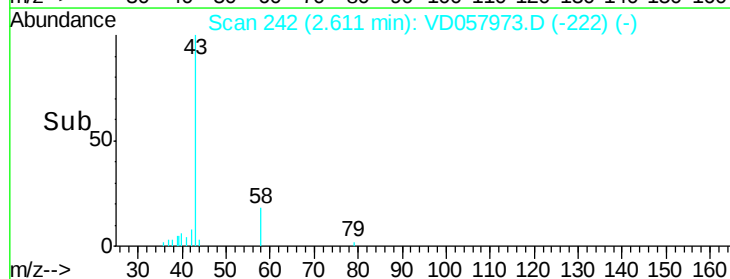
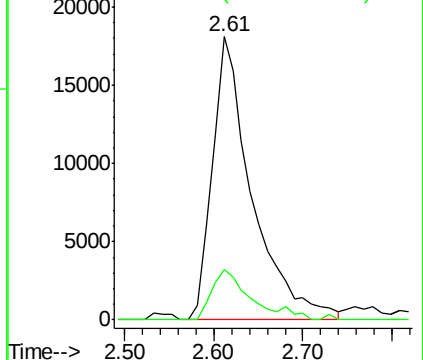
43 100

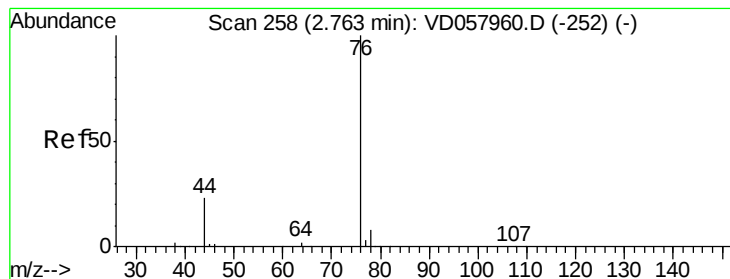
58 17.8 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.150 ug/l

RT: 2.76 min Scan# 257

Delta R.T. -0.00 min

Lab File: VD057973.D

Acq: 7 Jun 2018 15:54

Instrument :

MSVOA_D

ClientSampleId :

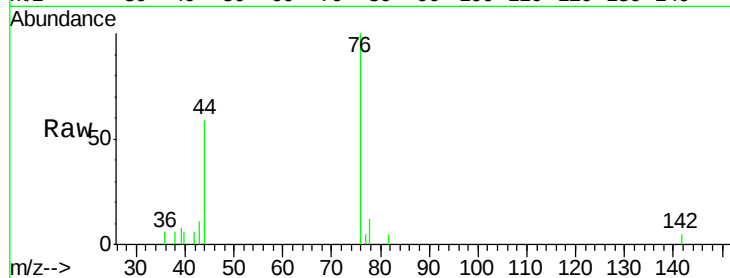
S39-0179

Tot Ion: 76 Resp: 16367

Ion Ratio Lower Upper

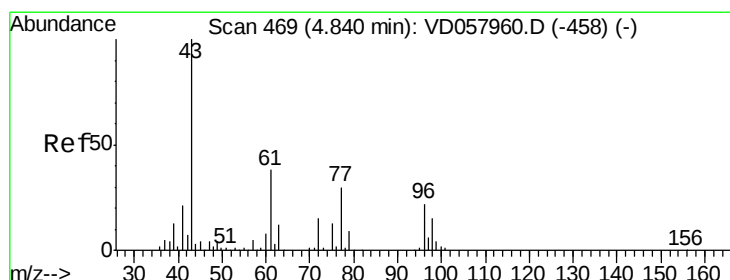
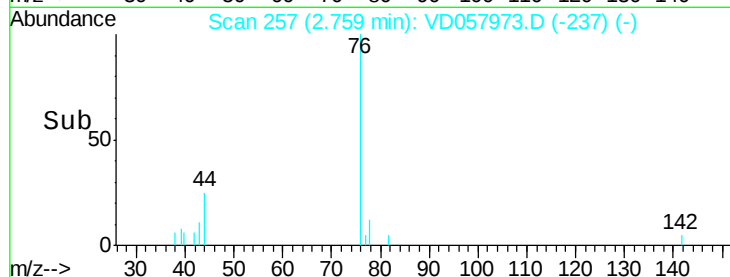
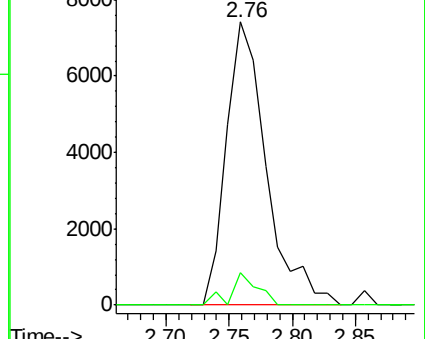
76 100

78 11.6 6.7 10.1#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#25

2-Butanone

Concen: 9.311 ug/l

RT: 4.83 min Scan# 467

Delta R.T. -0.01 min

Lab File: VD057973.D

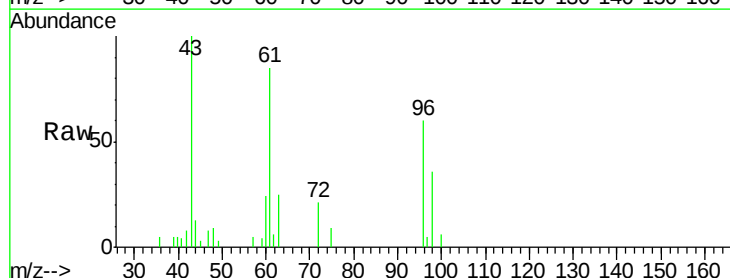
Acq: 7 Jun 2018 15:54

Tgt Ion: 43 Resp: 29847

Ion Ratio Lower Upper

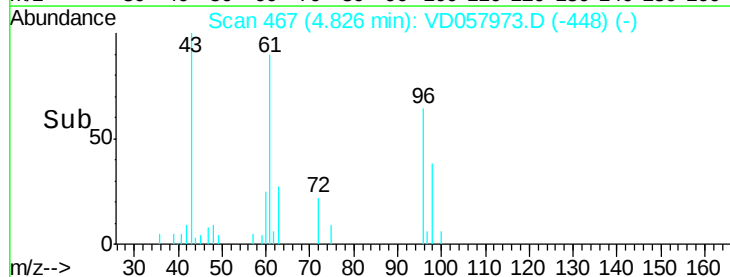
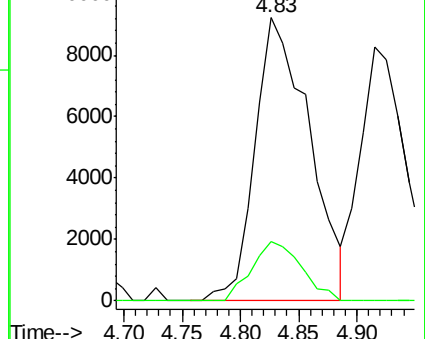
43 100

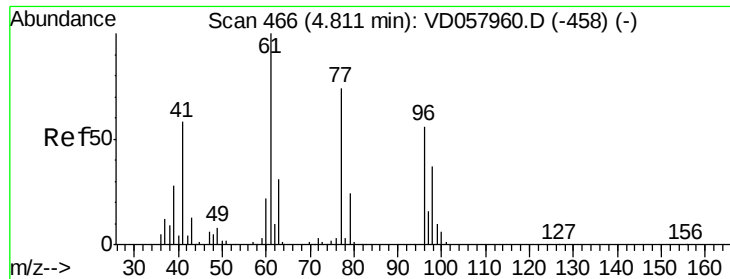
72 20.8 12.0 18.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



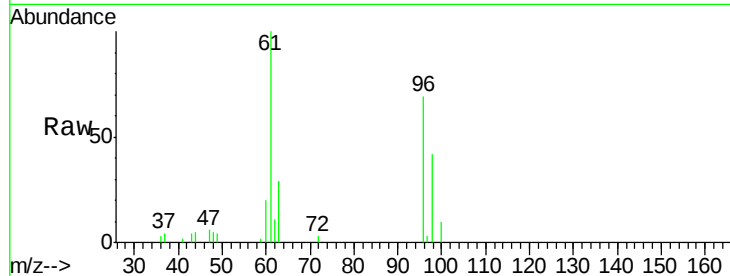


#27

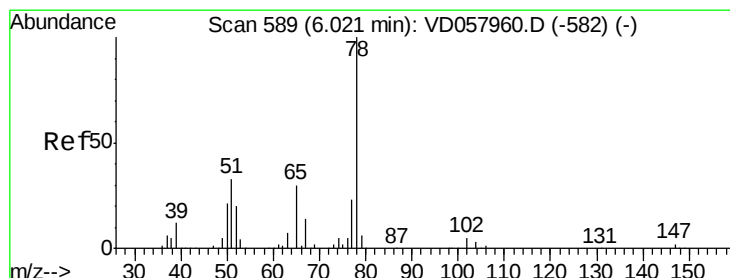
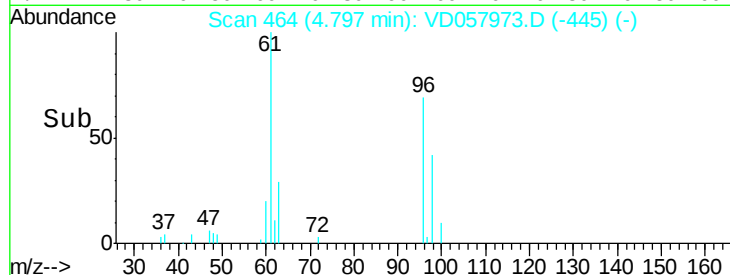
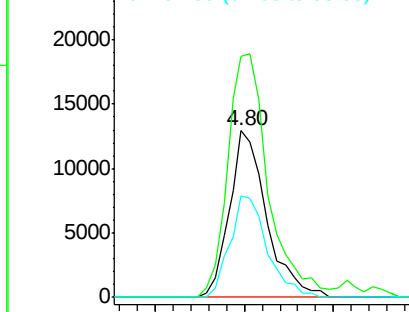
cis-1,2-Dichloroethene
 Concen: 3.635 ug/l
 RT: 4.80 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: VD057973.D
 Acq: 7 Jun 2018 15:54

Instrument :
 MSVOA_D
 ClientSampleId :
 S39-0179

Tot Ion: 96 Resp: 37712
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 355.0
 98 60.8 0.0 129.6



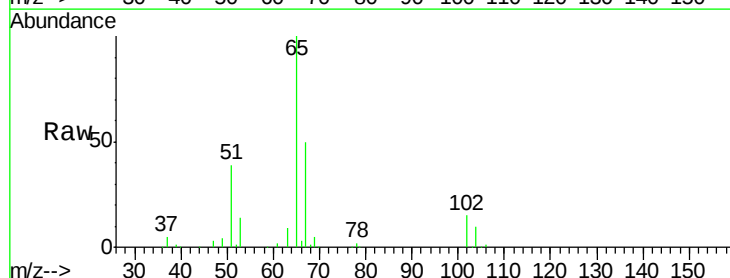
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



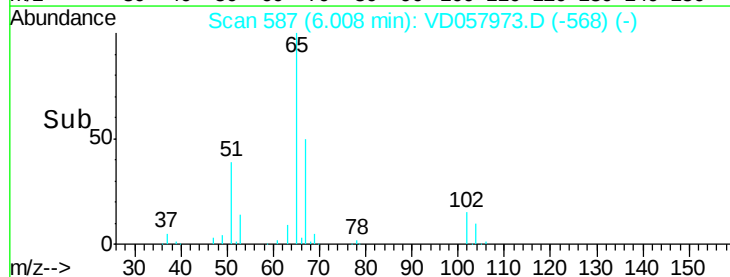
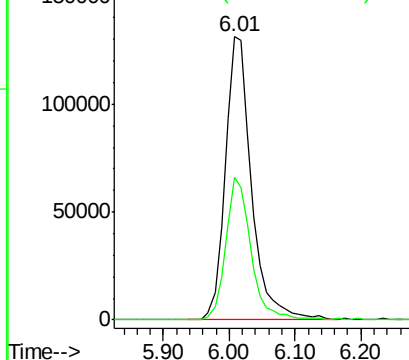
#33

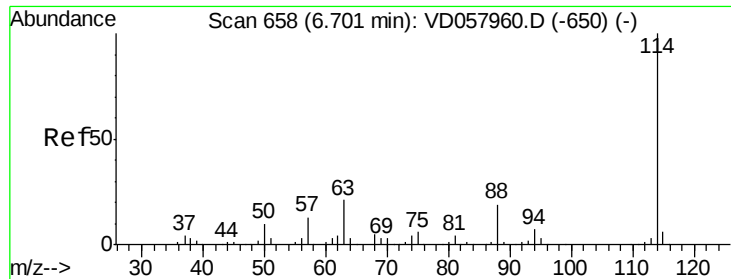
1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.01 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: VD057973.D
 Acq: 7 Jun 2018 15:54

Tgt Ion: 65 Resp: 365398
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

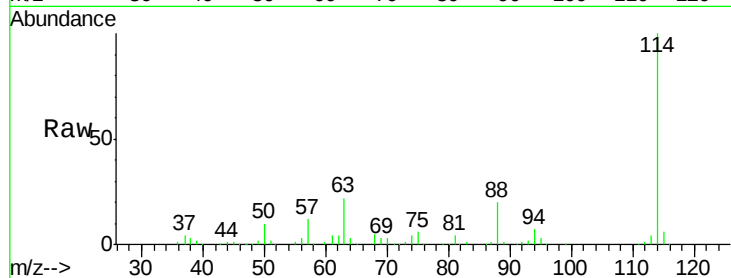




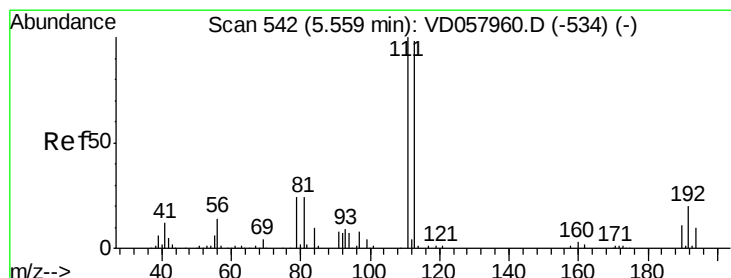
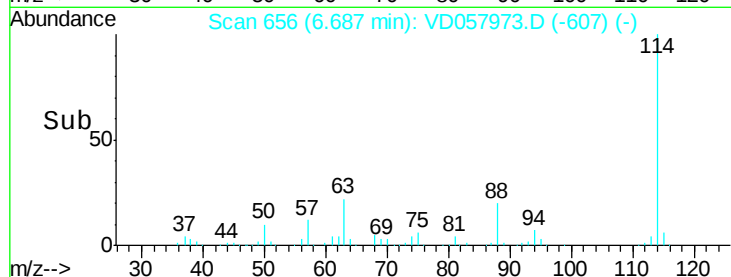
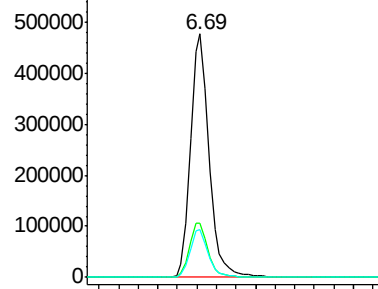
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD057973.D
 Acq: 7 Jun 2018 15:54

Instrument :
 MSVOA_D
 ClientSampleId :
 S39-0179

Tot Ion:114 Resp: 1266834
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 42.8
 88 19.7 0.0 37.8

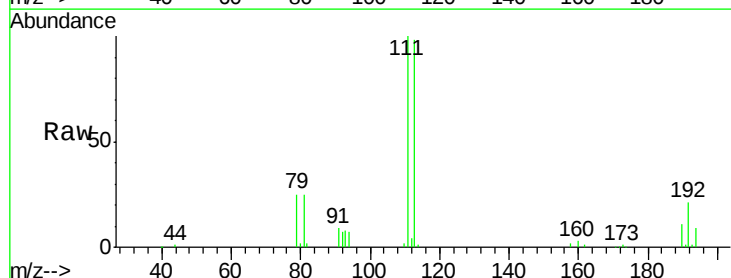


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

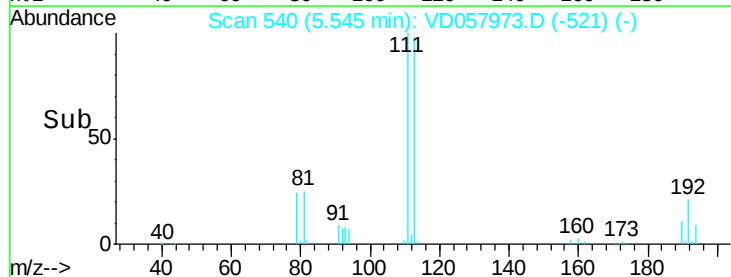
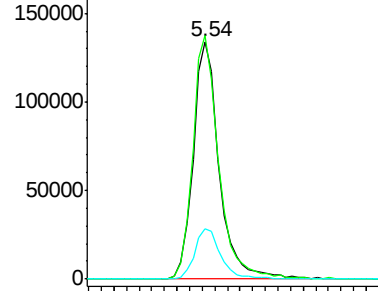


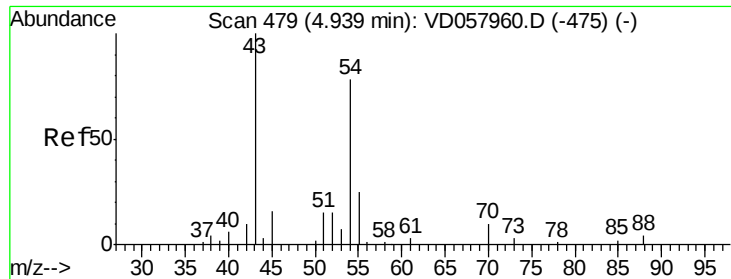
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD057973.D
 Acq: 7 Jun 2018 15:54

Tgt Ion:113 Resp: 384011
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.5 122.3
 192 21.0 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





#37

Ethyl Acetate

Concen: 3.186 ug/l

RT: 4.91 min Scan# 476

Delta R.T. -0.02 min

Lab File: VD057973.D

Acq: 7 Jun 2018 15:54

Instrument :

MSVOA_D

ClientSampleId :

S39-0179

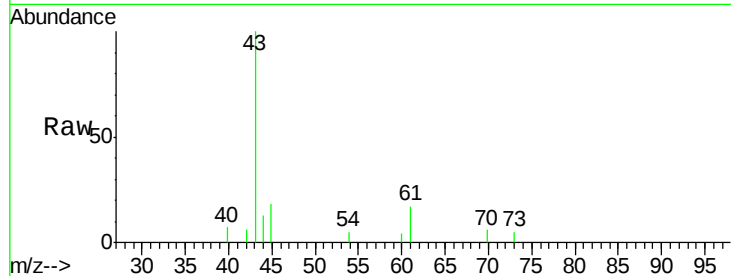
Tot Ion: 43 Resp: 24260

Ion Ratio Lower Upper

43 100

61 16.6 9.9 14.9#

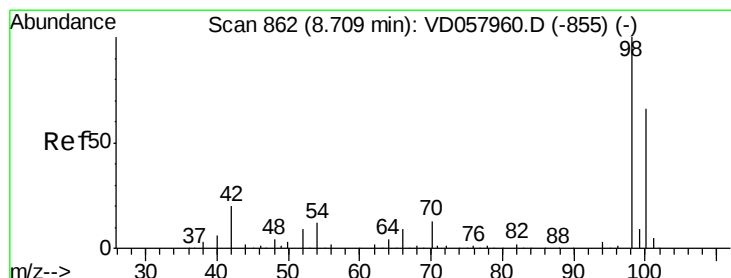
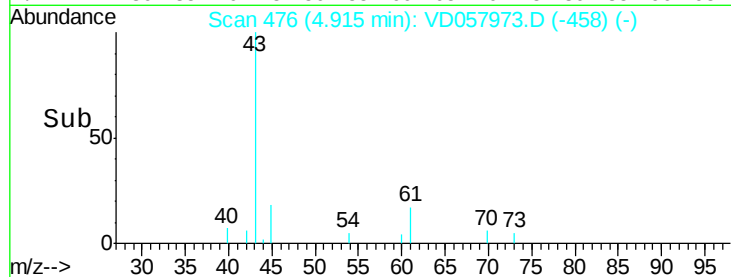
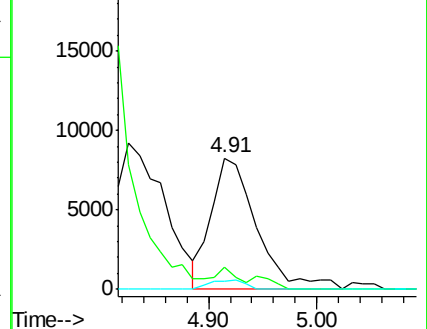
70 5.9 5.7 8.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 860

Delta R.T. -0.01 min

Lab File: VD057973.D

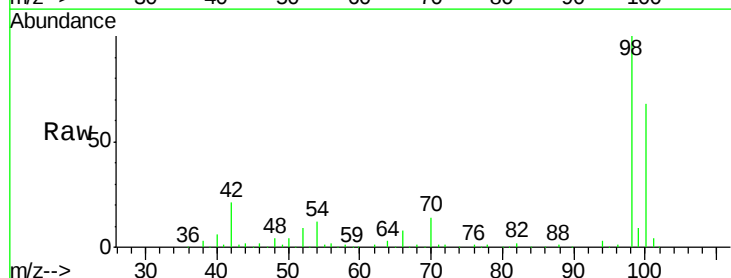
Acq: 7 Jun 2018 15:54

Tgt Ion: 98 Resp: 875901

Ion Ratio Lower Upper

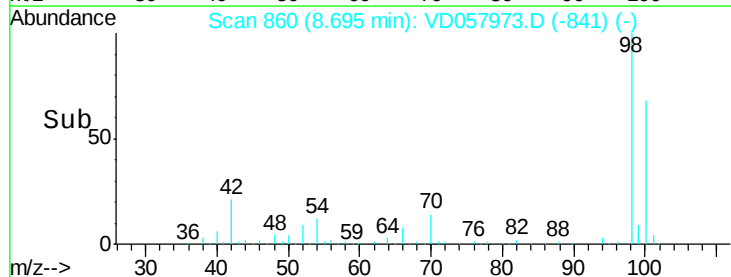
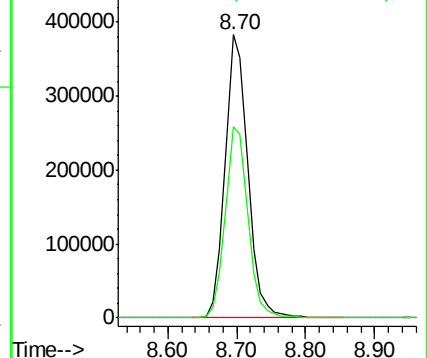
98 100

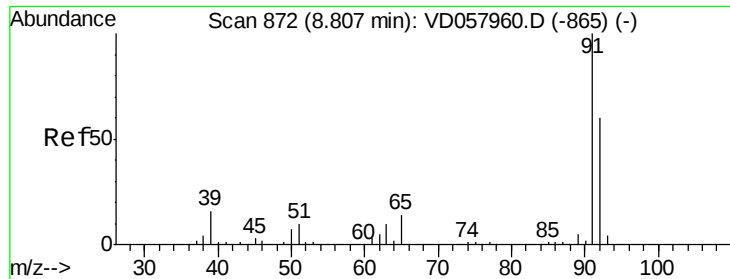
100 67.5 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 3.632 ug/l

RT: 8.79 min Scan# 870

Delta R.T. -0.01 min

Lab File: VD057973.D

Acq: 7 Jun 2018 15:54

Instrument :

MSVOA_D

ClientSampled :

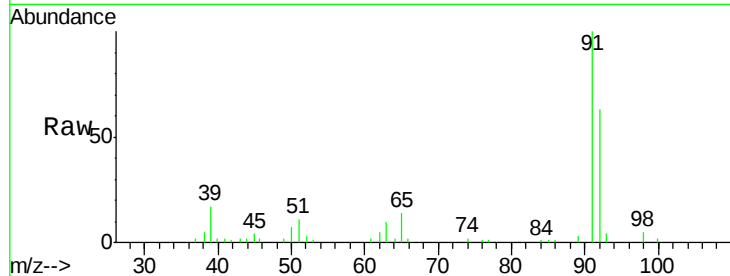
S39-0179

Tot Ion: 92 Resp: 67959

Ion Ratio Lower Upper

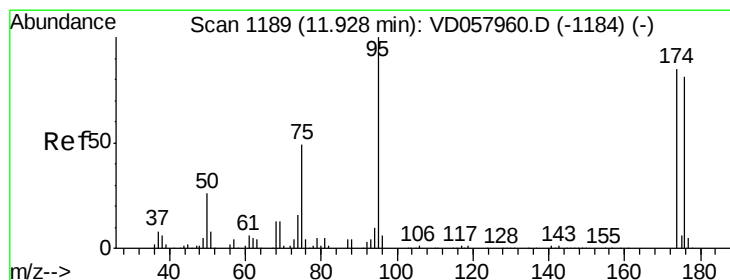
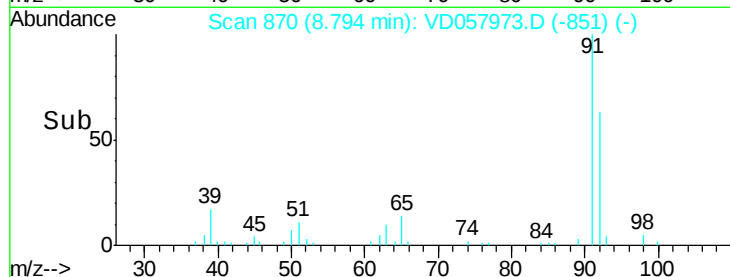
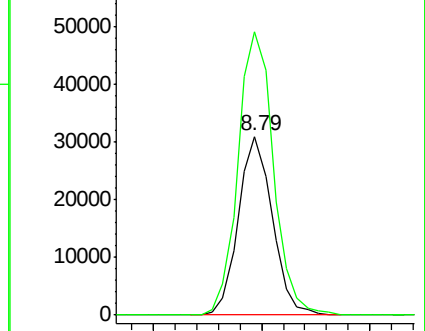
92 100

91 158.4 133.0 199.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VD057973.D

Acq: 7 Jun 2018 15:54

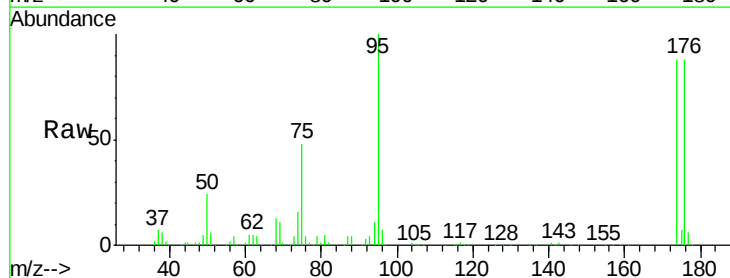
Tgt Ion: 95 Resp: 356662

Ion Ratio Lower Upper

95 100

174 88.2 0.0 169.4

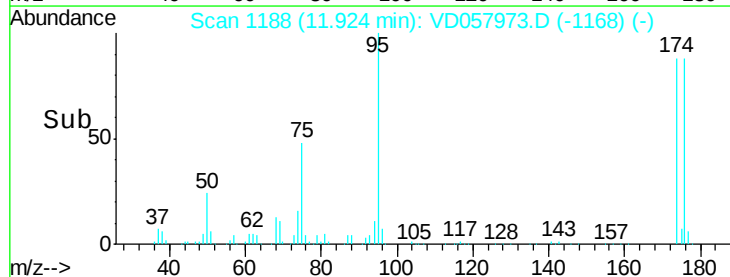
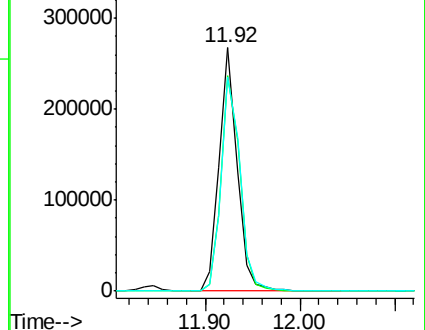
176 88.0 0.0 162.6

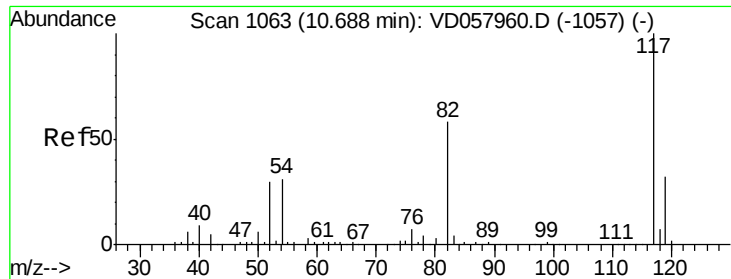


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

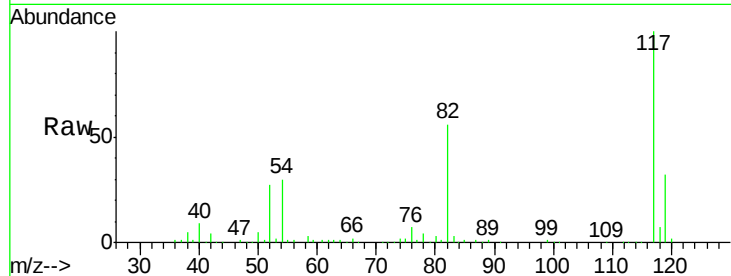




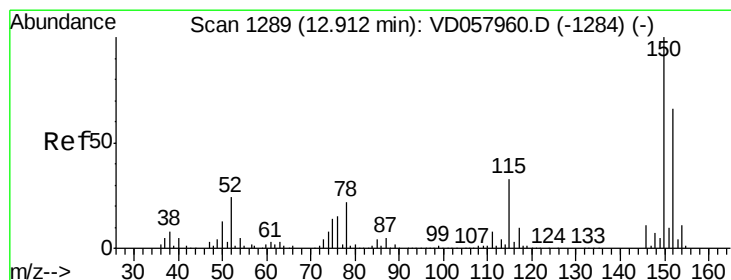
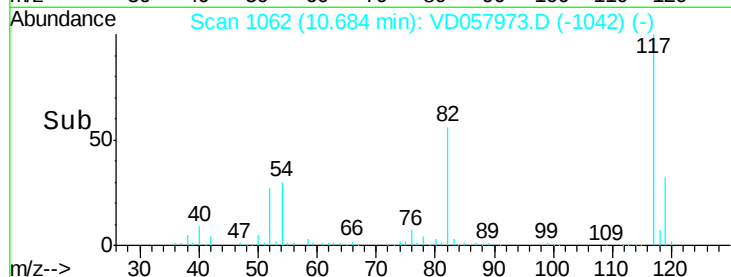
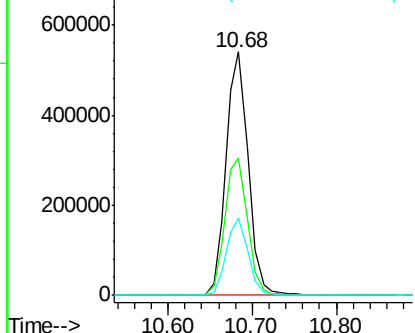
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD057973.D
Acq: 7 Jun 2018 15:54

Instrument :
MSVOA_D
ClientSampleId :
S39-0179

Tot Ion:117 Resp: 985042
Ion Ratio Lower Upper
117 100
82 56.4 46.8 70.2
119 32.0 25.8 38.6

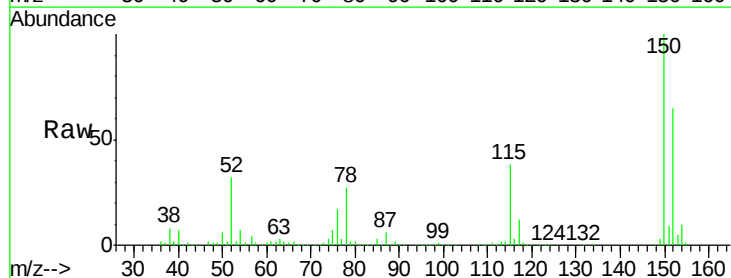


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VD057973.D
Acq: 7 Jun 2018 15:54

Tgt Ion:152 Resp: 442593
Ion Ratio Lower Upper
152 100
115 59.0 25.6 76.6
150 153.7 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

