

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058018.D
 Acq On : 8 Jun 2018 15:20
 Operator : VA/AP
 Sample : J3320-04RE
 Misc : 6.87g/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S39-0179RE

Quant Time: Jun 09 00:28:57 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

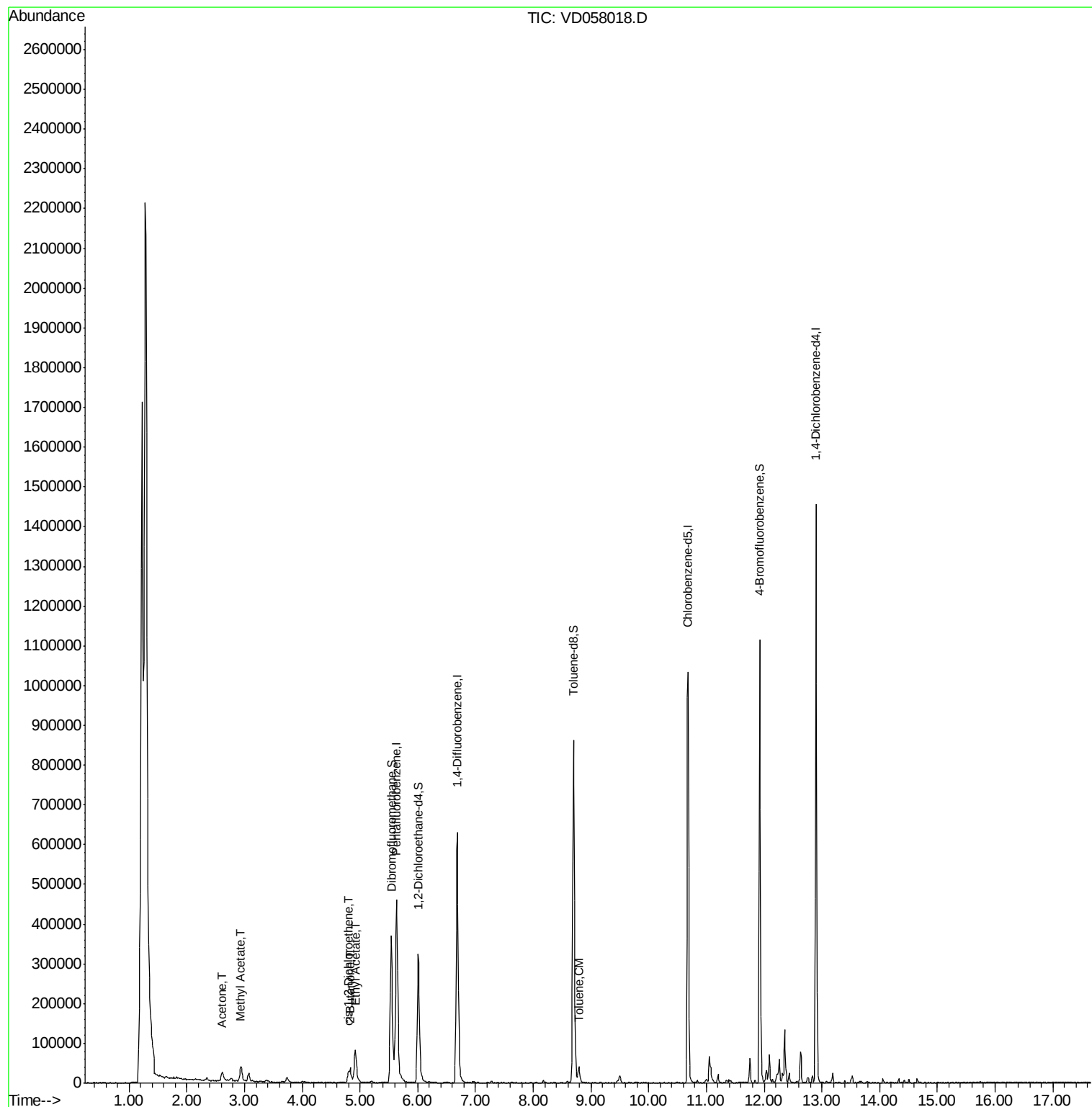
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	454032	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.69	114	640445	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	575058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	311371	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	324729	71.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	143.08%	
35) Dibromofluoromethane	5.54	113	302781	61.10	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	122.20%	
50) Toluene-d8	8.69	98	661159	56.12	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	112.24%	
62) 4-Bromofluorobenzene	11.92	95	289398	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
Target Compounds						
16) Acetone	2.61	43	50490	77.20	ug/l	94
18) Methyl Acetate	2.93	43	72557	57.35	ug/l	96
25) 2-Butanone	4.83	43	22702	15.27	ug/l #	86
27) cis-1,2-Dichloroethene	4.80	96	12926	2.69	ug/l	87
37) Ethyl Acetate	4.92	43	165696	43.04	ug/l	96
52) Toluene	8.79	92	18957	2.00	ug/l	87

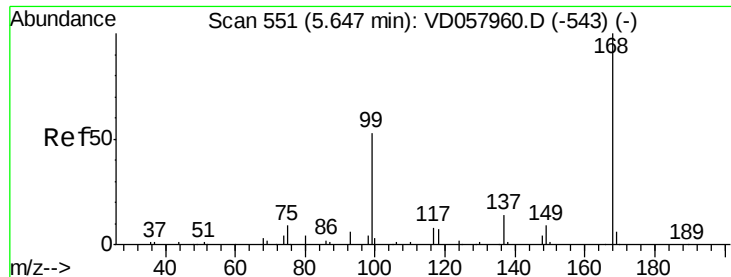
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD058018.D

Acq: 8 Jun 2018 15:20

Instrument :

MSVOA_D

ClientSampleId :

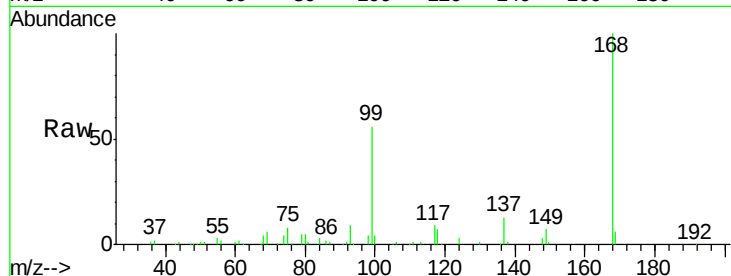
S39-0179RE

Tot Ion:168 Resp: 454032

Ion Ratio Lower Upper

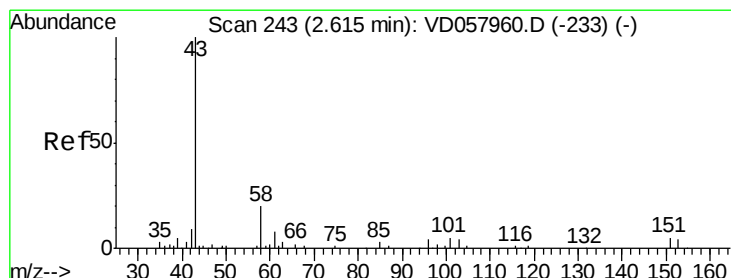
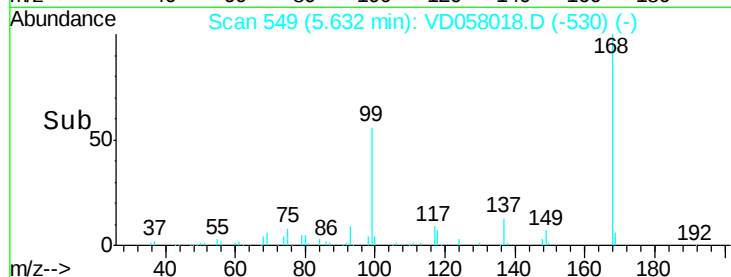
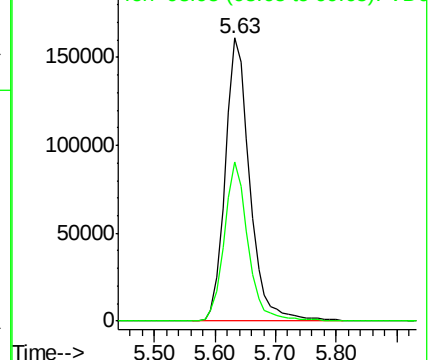
168 100

99 56.3 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: 77.20 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058018.D

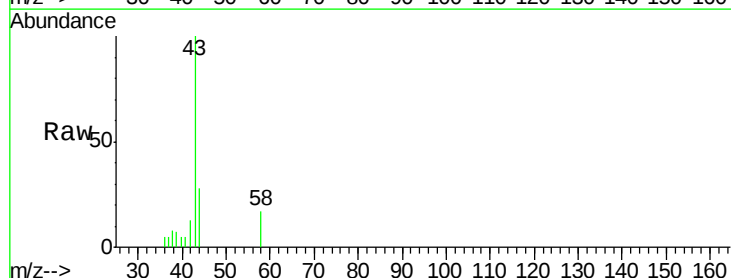
Acq: 8 Jun 2018 15:20

Tgt Ion: 43 Resp: 50490

Ion Ratio Lower Upper

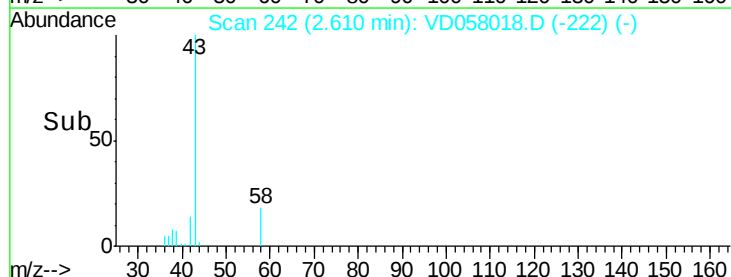
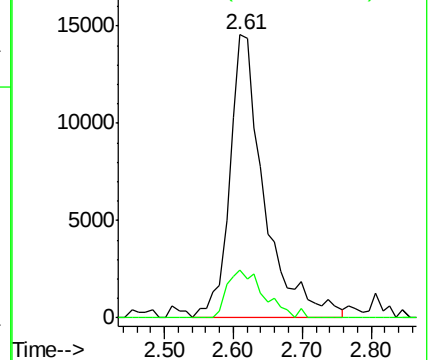
43 100

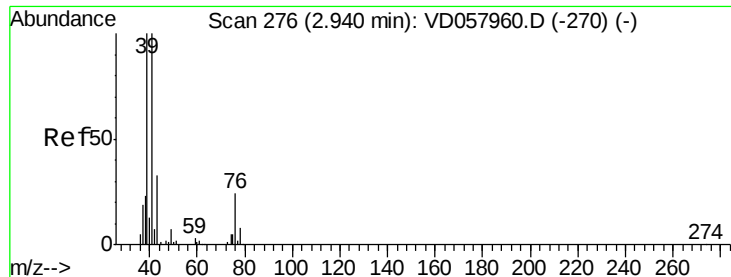
58 17.1 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

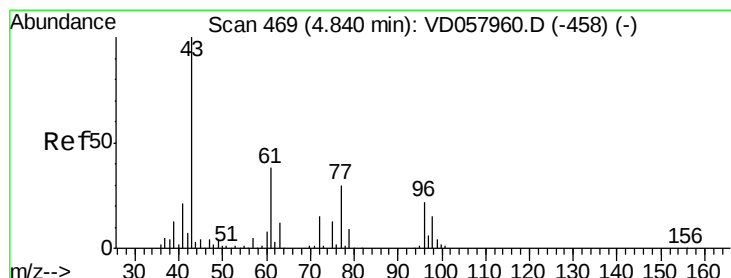
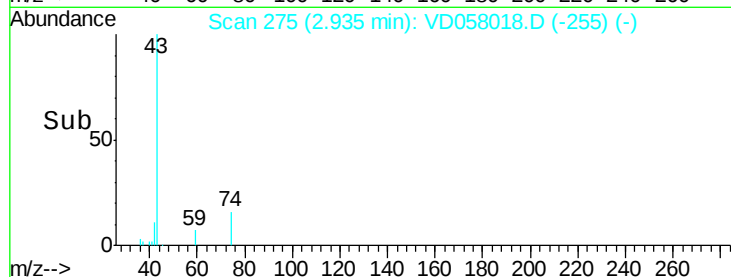
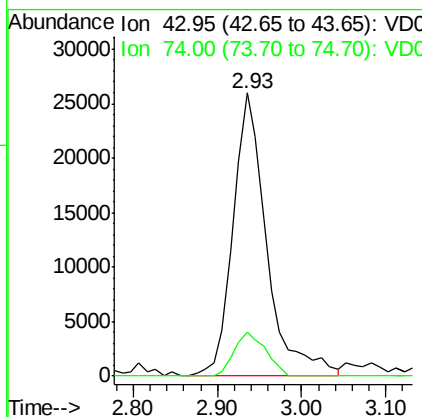
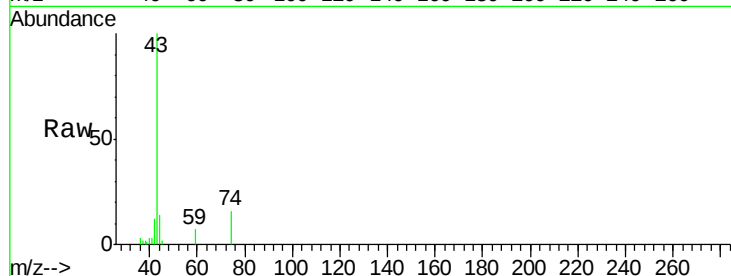




#18
Methvl Acetate
Concen: 57.35 ug/l
RT: 2.93 min Scan# 275
Delta R.T. -0.01 min
Lab File: VD058018.D
Acq: 8 Jun 2018 15:20

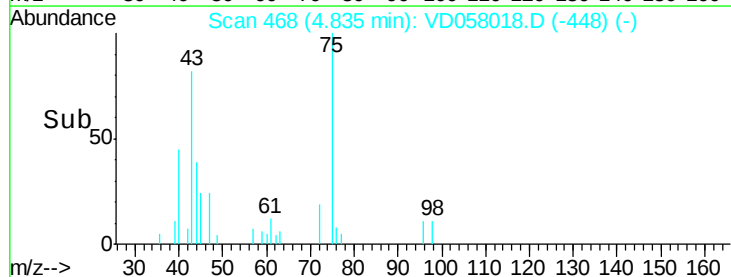
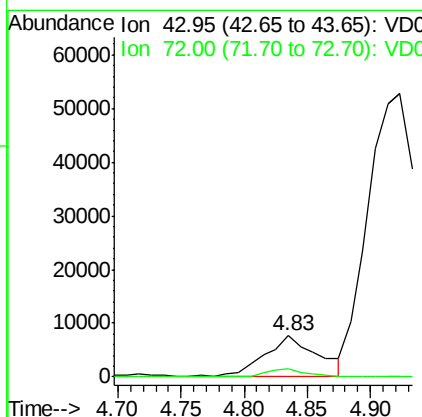
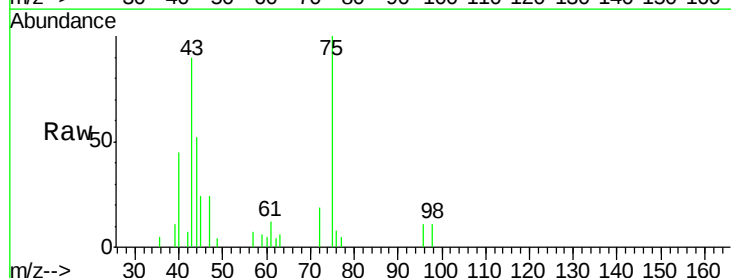
Instrument :
MSVOA_D
ClientSampleId :
S39-0179RE

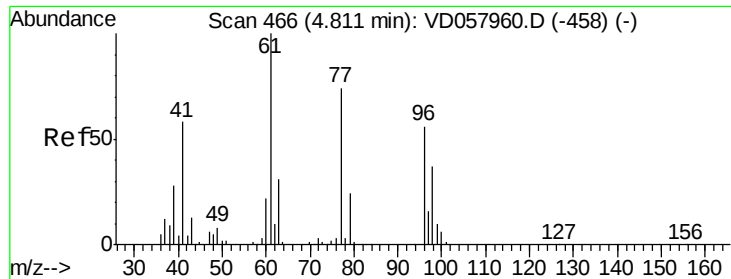
Tot Ion: 43 Resp: 72557
Ion Ratio Lower Upper
43 100
74 15.7 11.2 16.8



#25
2-Butanone
Concen: 15.27 ug/l
RT: 4.83 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD058018.D
Acq: 8 Jun 2018 15:20

Tgt Ion: 43 Resp: 22702
Ion Ratio Lower Upper
43 100
72 20.9 12.0 18.0#





#27

cis-1,2-Dichloroethene

Concen: 2.69 ug/l

RT: 4.80 min Scan# 464

Delta R.T. -0.02 min

Lab File: VD058018.D

Acq: 8 Jun 2018 15:20

Instrument :

MSVOA_D

ClientSampleId :

S39-0179RE

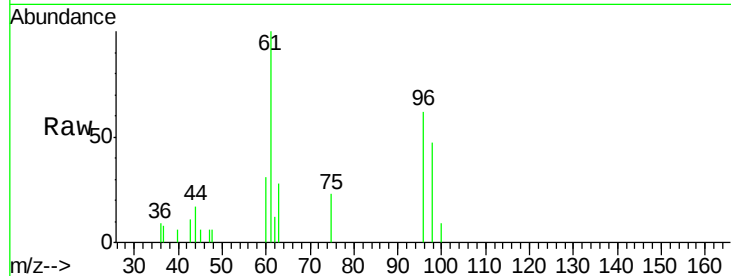
Tot Ion: 96 Resp: 12926

Ion Ratio Lower Upper

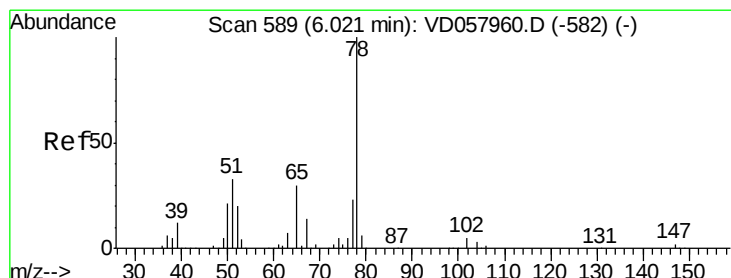
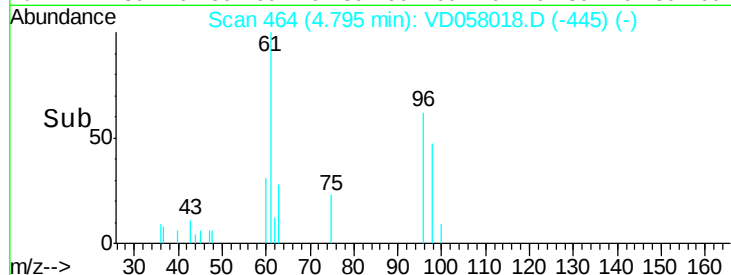
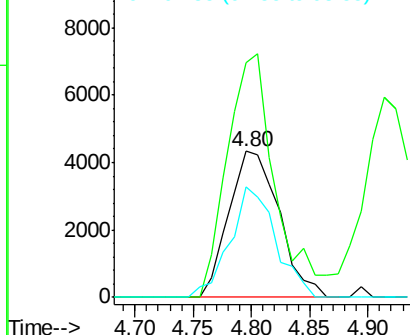
96 100

61 160.5 0.0 355.0

98 75.7 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: N.D. ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD058018.D

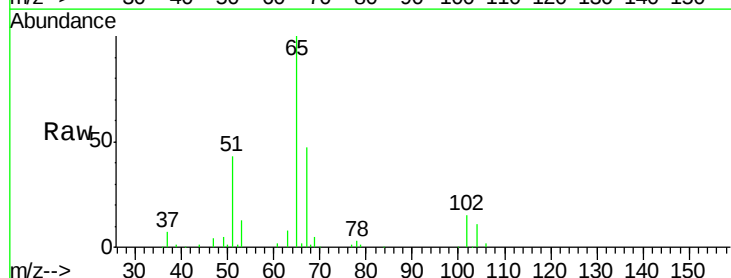
Acq: 8 Jun 2018 15:20

Tgt Ion: 65 Resp: 324729

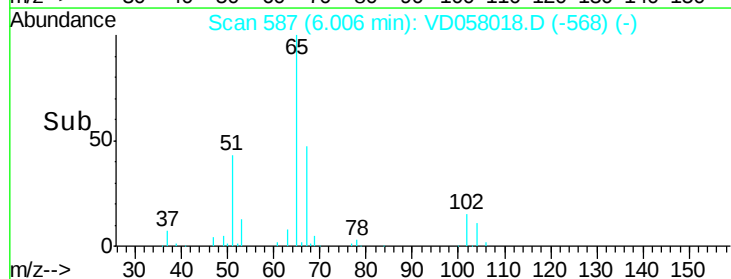
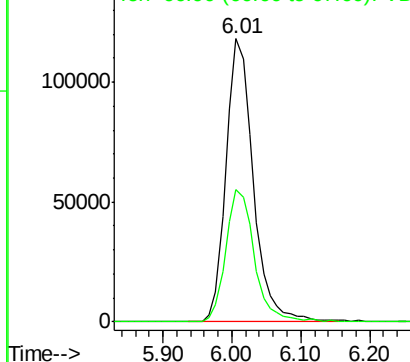
Ion Ratio Lower Upper

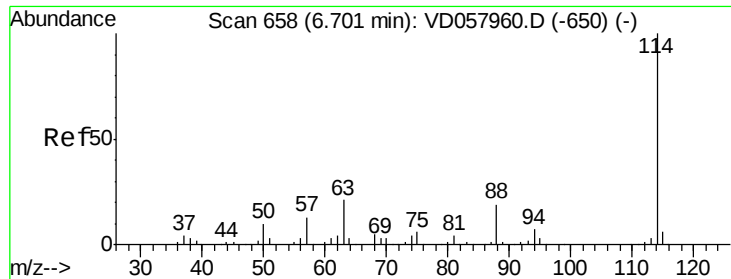
65 100

67 46.9 0.0 94.0



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

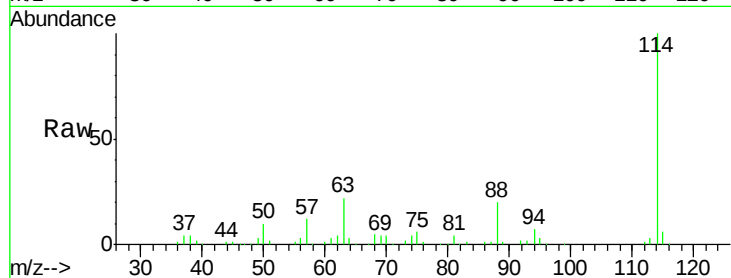




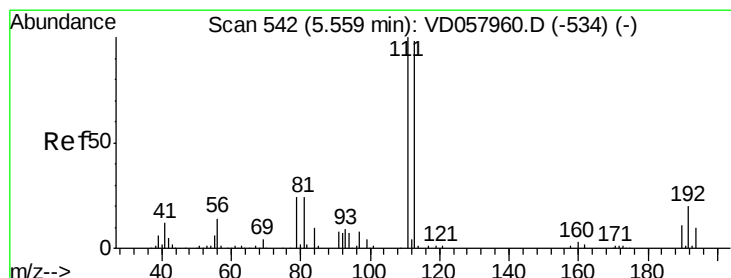
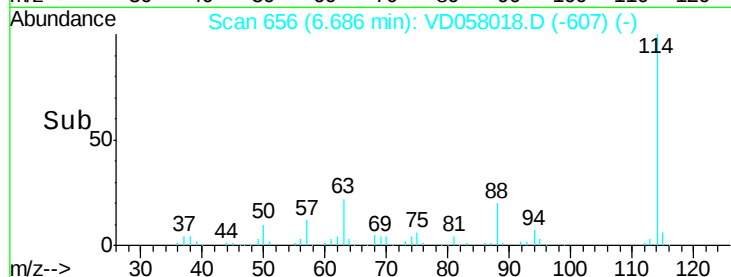
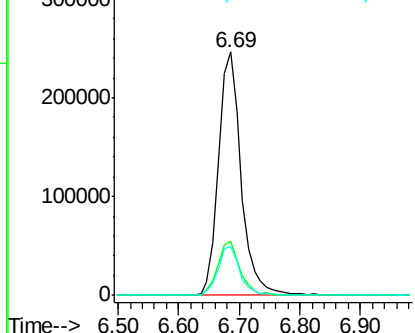
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD058018.D
 Acq: 8 Jun 2018 15:20

Instrument :
 MSVOA_D
 ClientSampleId :
 S39-0179RE

Tot Ion:114 Resp: 640445
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 42.8
 88 20.1 0.0 37.8

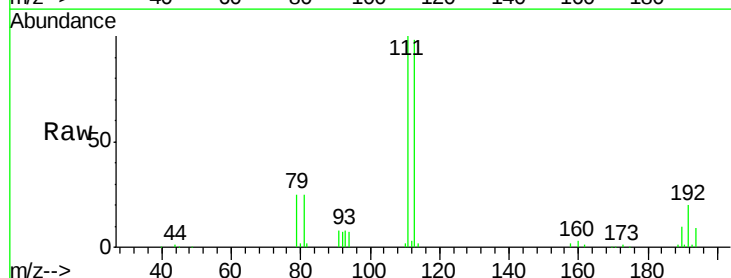


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

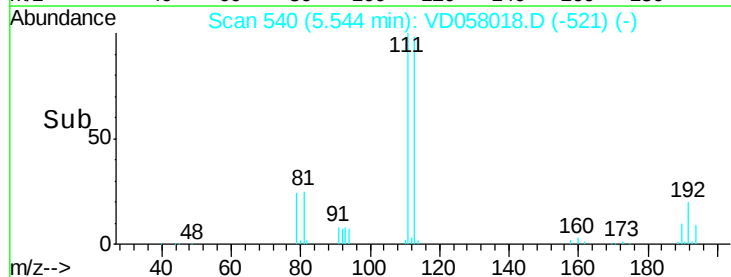
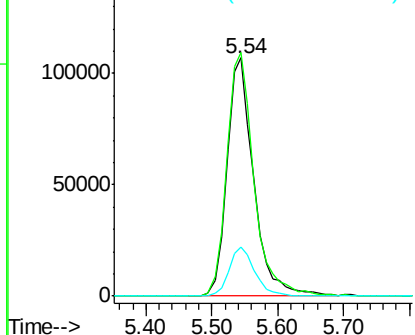


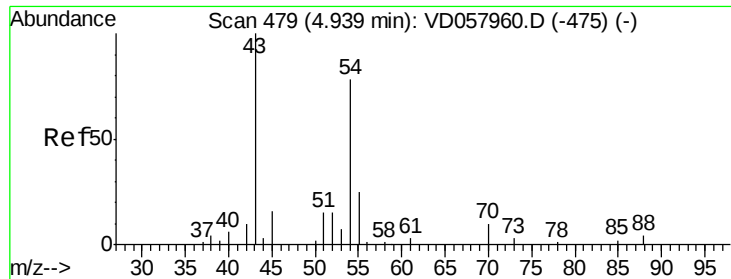
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD058018.D
 Acq: 8 Jun 2018 15:20

Tgt Ion:113 Resp: 302781
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.5 122.3
 192 20.4 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

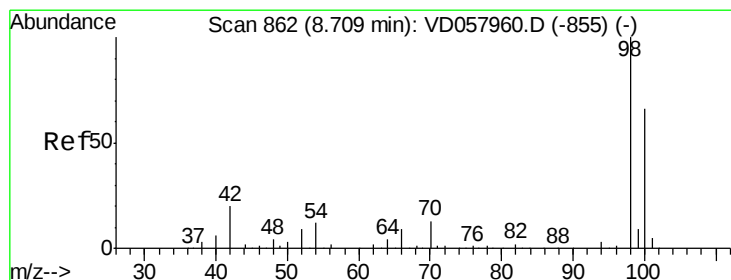
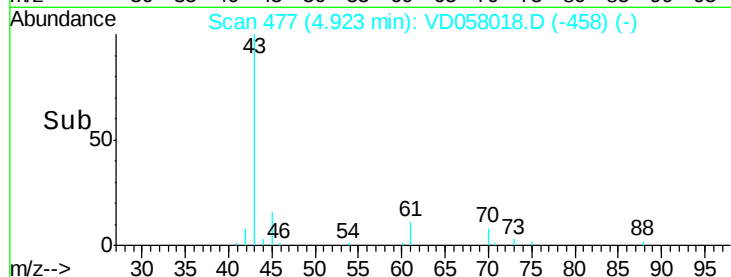
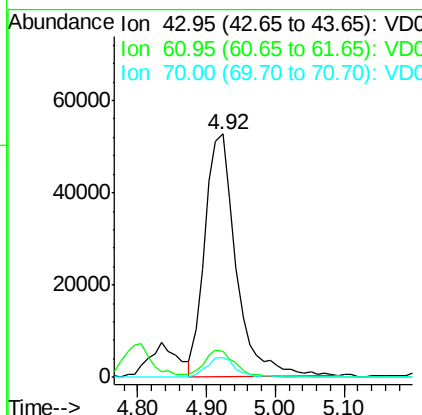
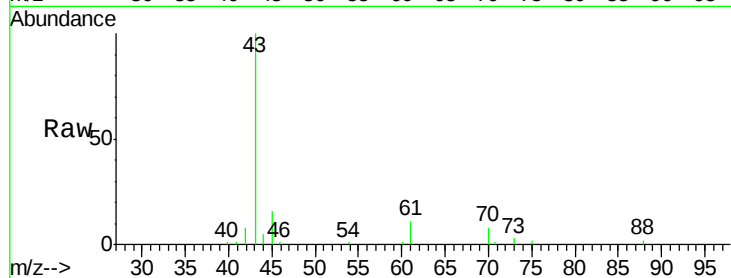




#37
Ethyl Acetate
Concen: 43.04 ug/l
RT: 4.92 min Scan# 477
Delta R.T. -0.02 min
Lab File: VD058018.D
Acq: 8 Jun 2018 15:20

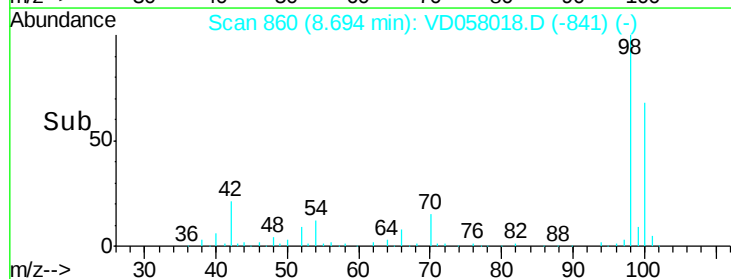
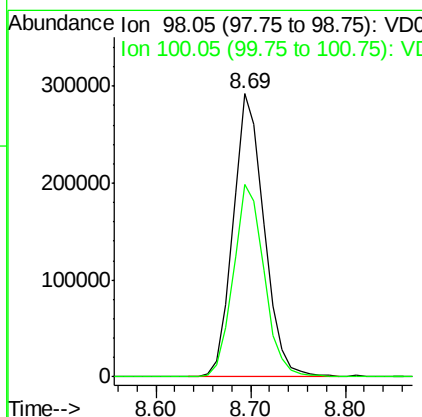
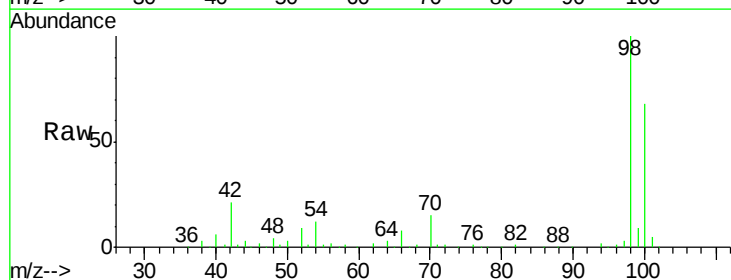
Instrument :
MSVOA_D
ClientSampleId :
S39-0179RE

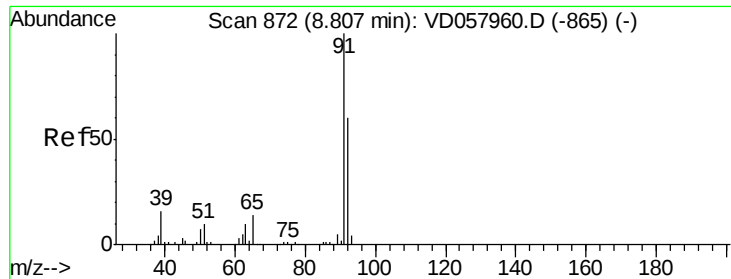
Tot Ion: 43 Resp: 165696
Ion Ratio Lower Upper
43 100
61 10.6 9.9 14.9
70 8.2 5.7 8.5



#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD058018.D
Acq: 8 Jun 2018 15:20

Tgt Ion: 98 Resp: 661159
Ion Ratio Lower Upper
98 100
100 68.0 53.4 80.0





#52

Toluene

Concen: 2.00 ug/l

RT: 8.79 min Scan# 870

Delta R.T. -0.02 min

Lab File: VD058018.D

Acq: 8 Jun 2018 15:20

Instrument :

MSVOA_D

ClientSampleId :

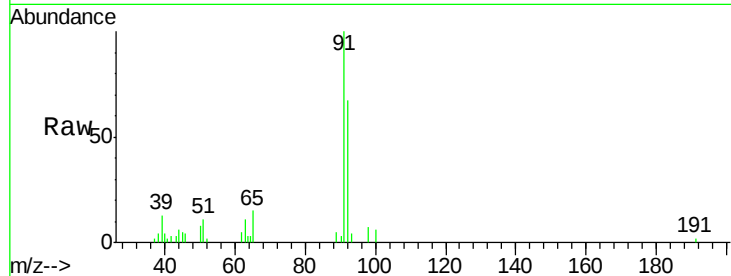
S39-0179RE

Tot Ion: 92 Resp: 18957

Ion Ratio Lower Upper

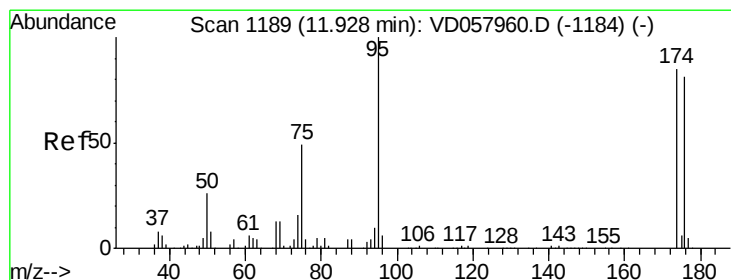
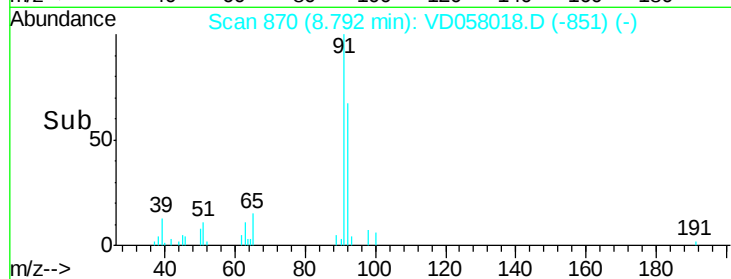
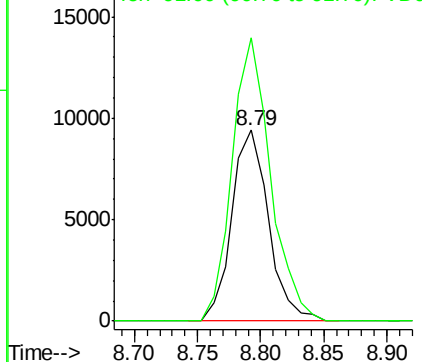
92 100

91 148.3 133.0 199.6



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. -0.01 min

Lab File: VD058018.D

Acq: 8 Jun 2018 15:20

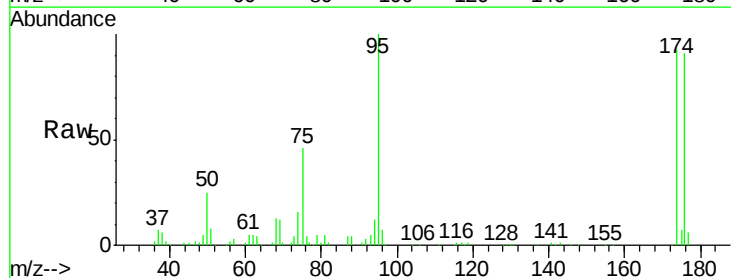
Tgt Ion: 95 Resp: 289398

Ion Ratio Lower Upper

95 100

174 92.8 0.0 169.4

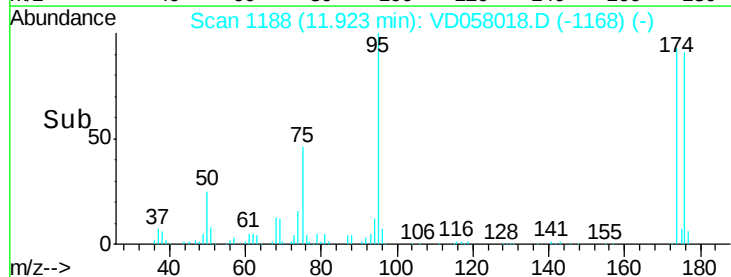
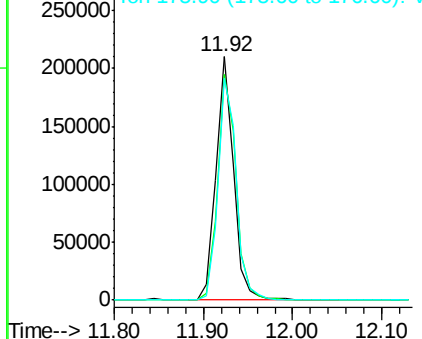
176 91.2 0.0 162.6

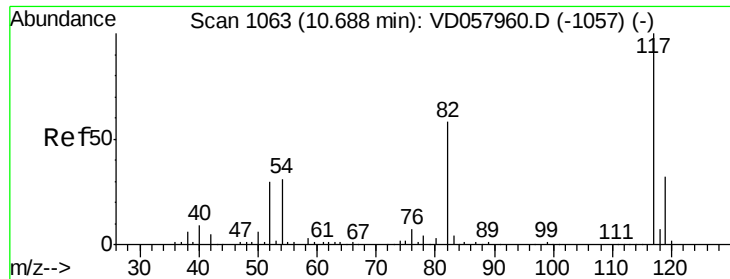


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD058018.D

Acq: 8 Jun 2018 15:20

Instrument :

MSVOA_D

ClientSampleId :

S39-0179RE

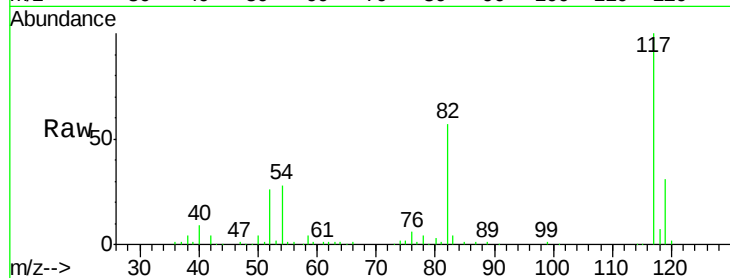
Tot Ion:117 Resp: 575058

Ion Ratio Lower Upper

117 100

82 56.5 46.8 70.2

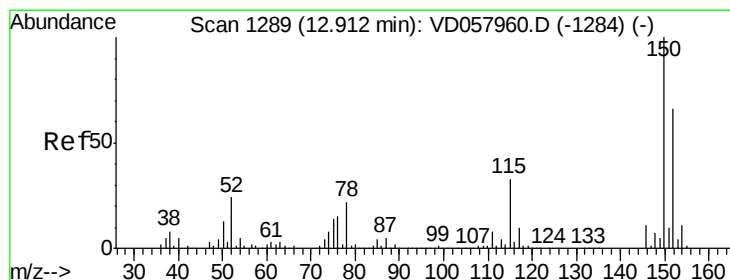
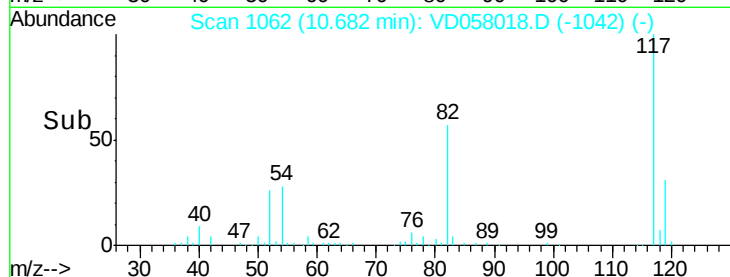
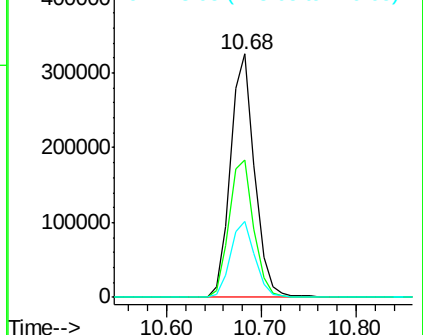
119 30.9 25.8 38.6



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: 12.90 min Scan# 1287

Delta R.T. -0.02 min

Lab File: VD058018.D

Acq: 8 Jun 2018 15:20

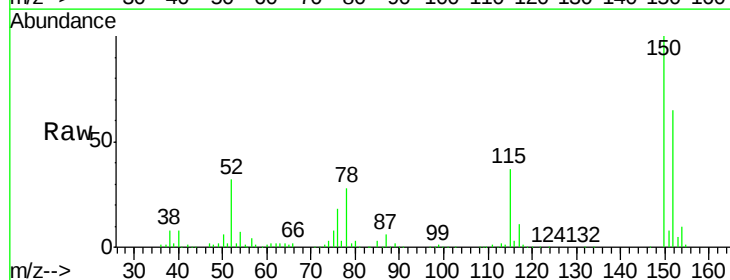
Tgt Ion:152 Resp: 311371

Ion Ratio Lower Upper

152 100

115 56.9 25.6 76.6

150 155.0 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

