

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058380.D
 Acq On : 24 Jun 2018 19:11
 Operator : VA/AP
 Sample : J3671-22
 Misc : 5.35g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB486-25-27-180621

Quant Time: Jun 25 05:36:44 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

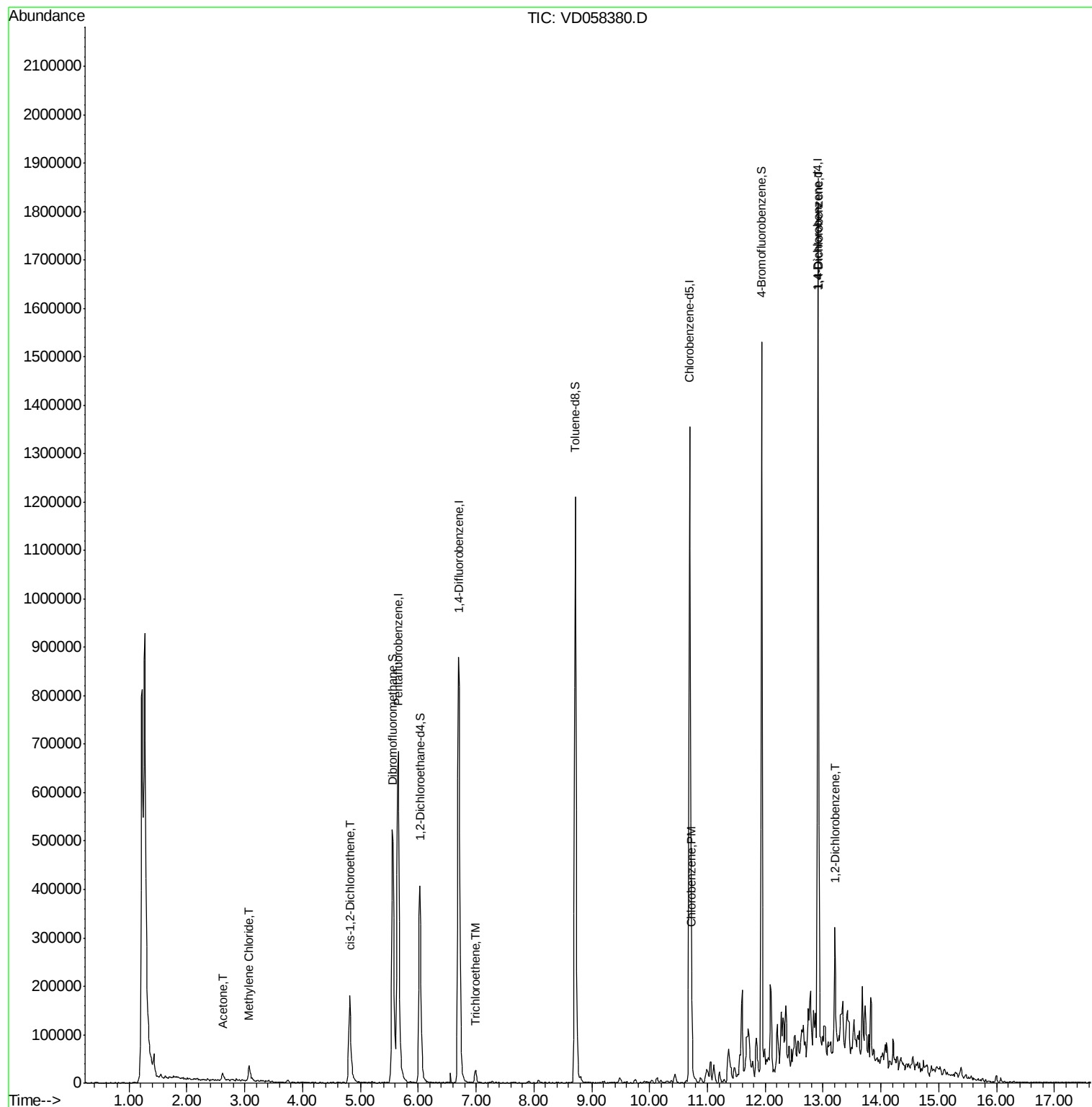
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	717535	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	932480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	763907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.92	152	407936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	407147	56.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	112.36%	
35) Dibromofluoromethane	5.55	113	418611	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
50) Toluene-d8	8.71	98	933004	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.93	95	423884	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
Target Compounds						
16) Acetone	2.62	43	30913	31.19	ug/l #	79
20) Methylene Chloride	3.07	84	15173	1.21	ug/l	91
27) cis-1,2-Dichloroethene	4.82	96	103360	15.35	ug/l	76
44) Trichloroethene	6.99	130	12574	1.91	ug/l	79
65) Chlorobenzene	10.73	112	70083	4.90	ug/l	96
88) 1,4-Dichlorobenzene	12.93	146	17363	1.40	ug/l #	76
91) 1,2-Dichlorobenzene	13.19	146	27295	2.53	ug/l	94

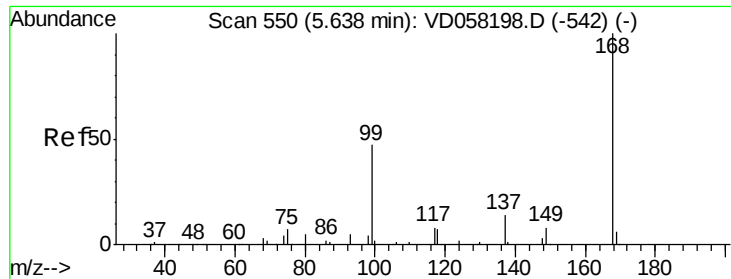
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.02 min

Lab File: VD058380.D

Acq: 24 Jun 2018 19:11

Instrument :

MSVOA_D

ClientSampleId :

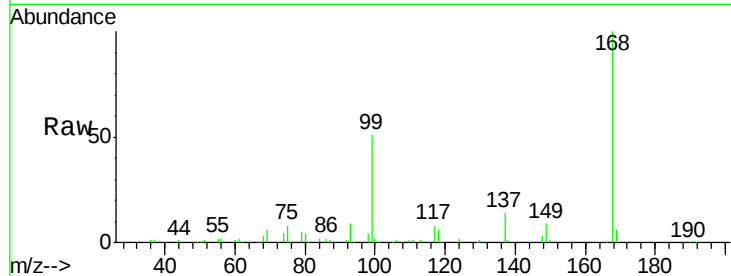
WP021SB486-25-27-180621

Tot Ion:168 Resp: 717535

Ion Ratio Lower Upper

168 100

99 51.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

250000

200000

150000

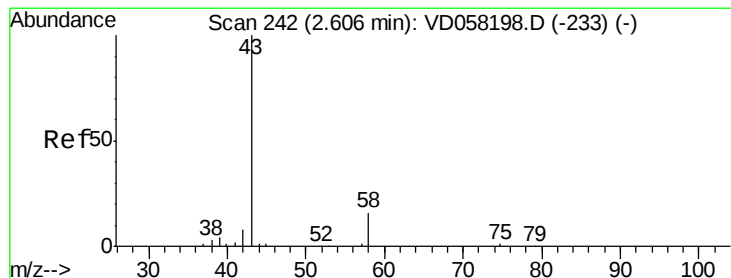
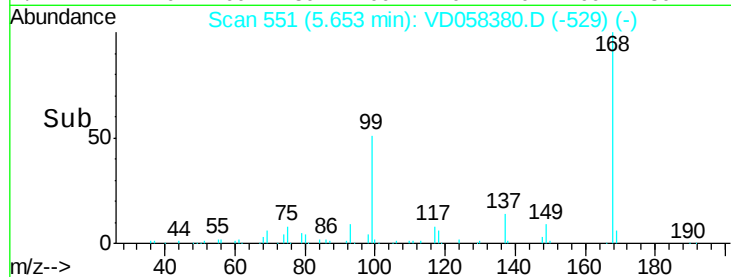
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 31.19 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD058380.D

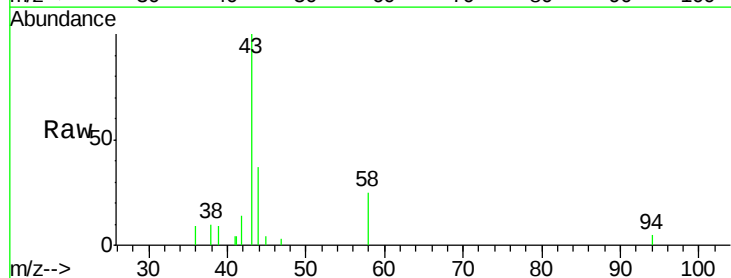
Acq: 24 Jun 2018 19:11

Tgt Ion: 43 Resp: 30913

Ion Ratio Lower Upper

43 100

58 24.7 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.62

10000

8000

6000

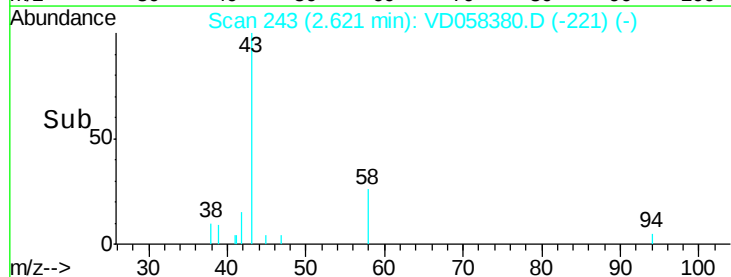
4000

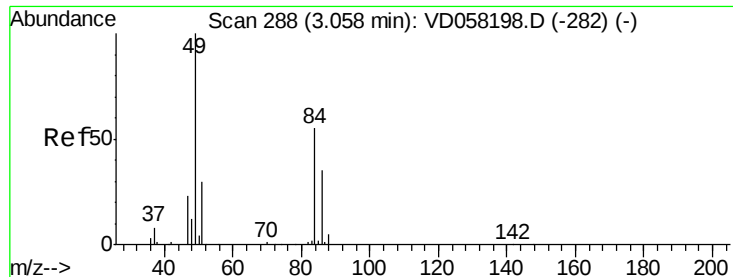
2000

0

Time-->

2.50 2.60 2.70 2.80

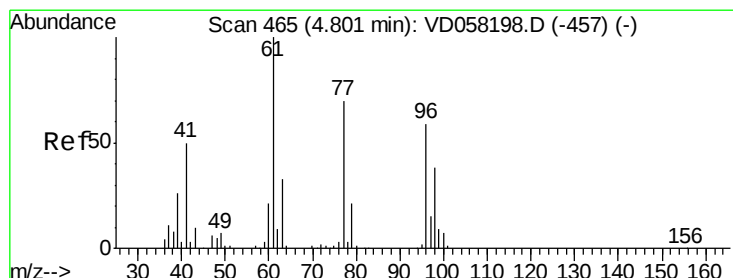
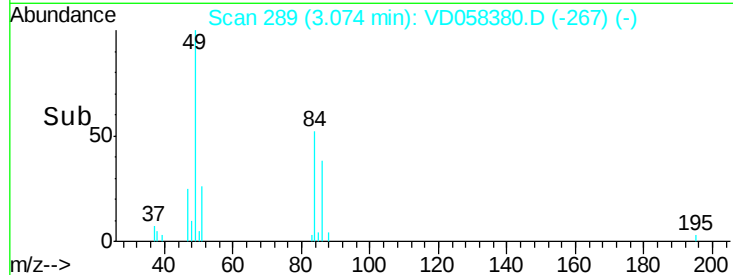
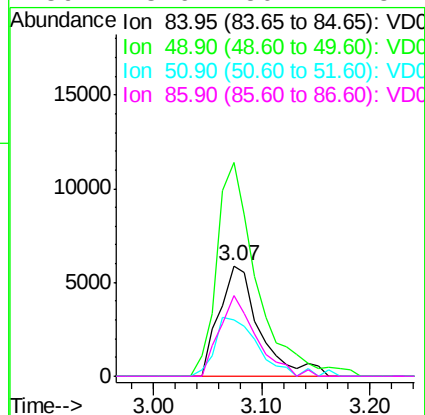
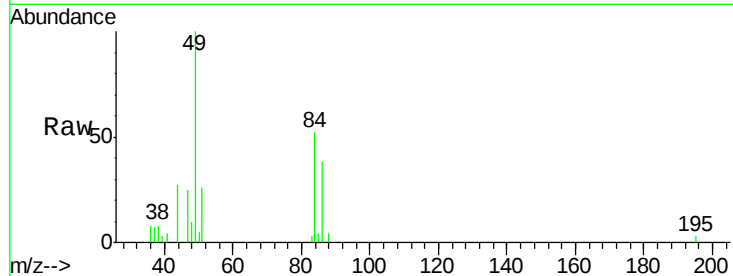




#20
Methylene Chloride
Concen: 1.21 ug/l
RT: 3.07 min Scan# 289
Delta R.T. 0.02 min
Lab File: VD058380.D
Acq: 24 Jun 2018 19:11

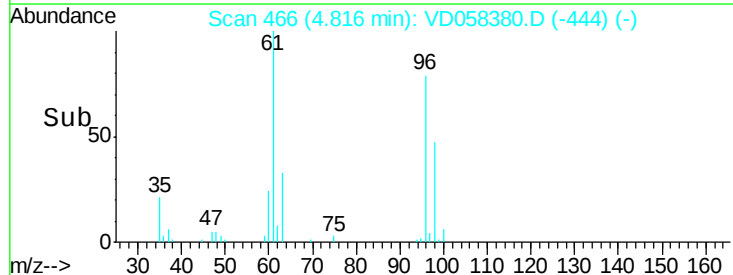
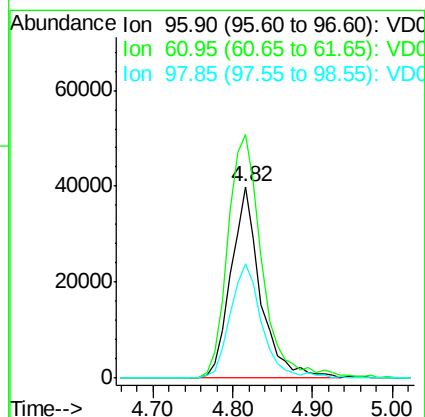
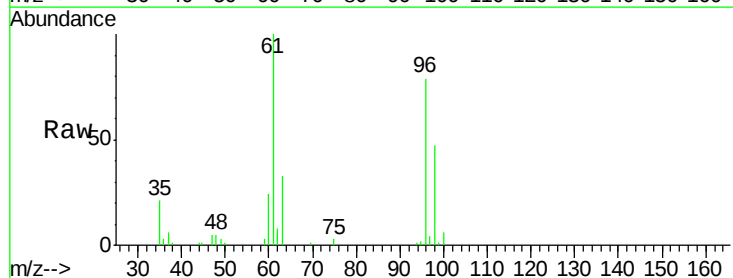
Instrument :
MSVOA_D
ClientSampleId :
WP021SB486-25-27-180621

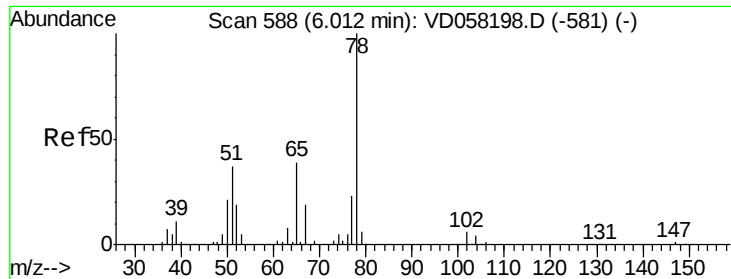
Tot Ion: 84 Resp: 15173
Ion Ratio Lower Upper
84 100
49 193.9 145.0 217.6
51 51.3 42.9 64.3
86 73.6 50.1 75.1



#27
cis-1,2-Dichloroethene
Concen: 15.35 ug/l
RT: 4.82 min Scan# 466
Delta R.T. 0.02 min
Lab File: VD058380.D
Acq: 24 Jun 2018 19:11

Tgt Ion: 96 Resp: 103360
Ion Ratio Lower Upper
96 100
61 127.0 0.0 338.6
98 59.7 0.0 130.2

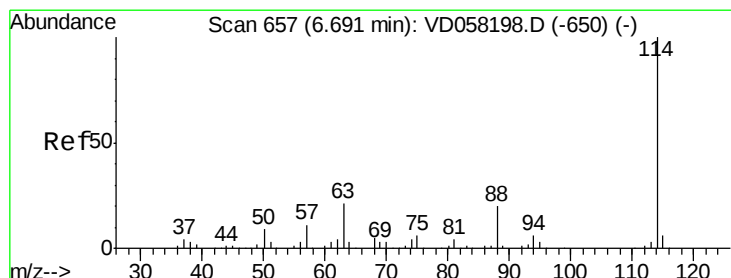
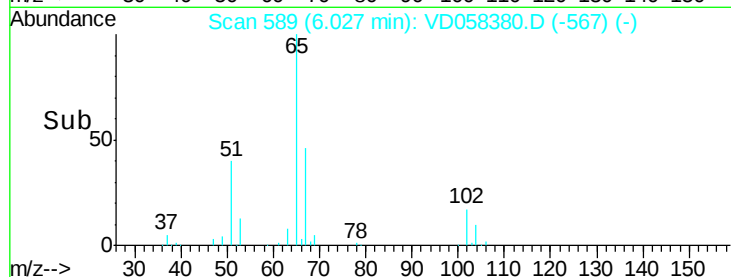
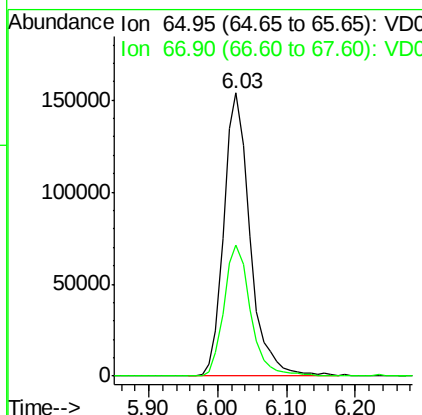
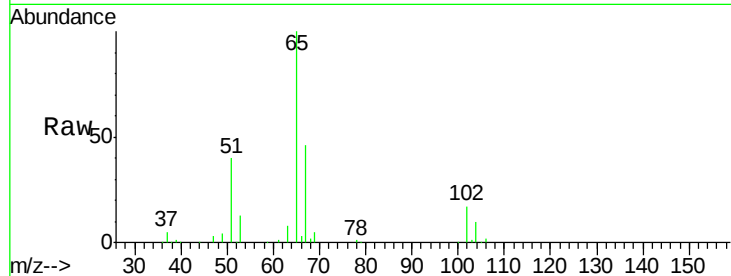




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.03 min Scan# 589
 Delta R.T. 0.02 min
 Lab File: VD058380.D
 Acq: 24 Jun 2018 19:11

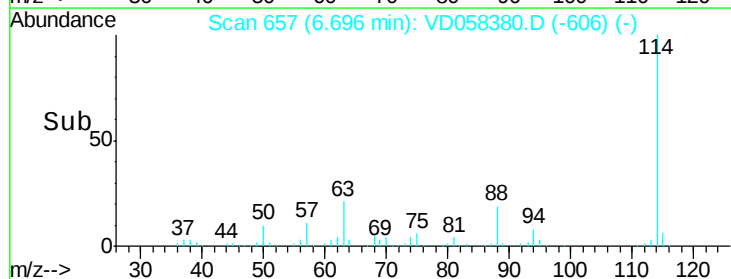
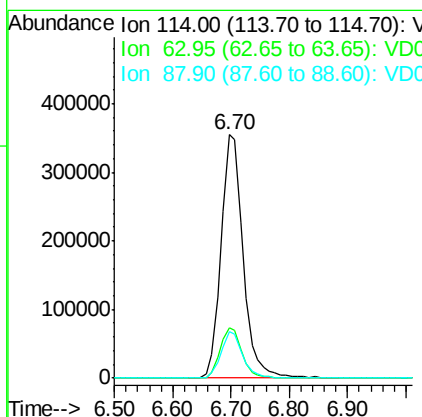
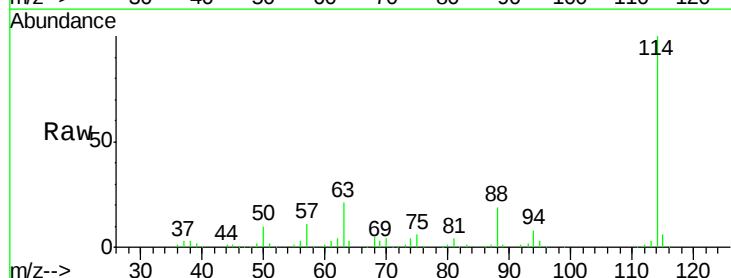
Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB486-25-27-180621

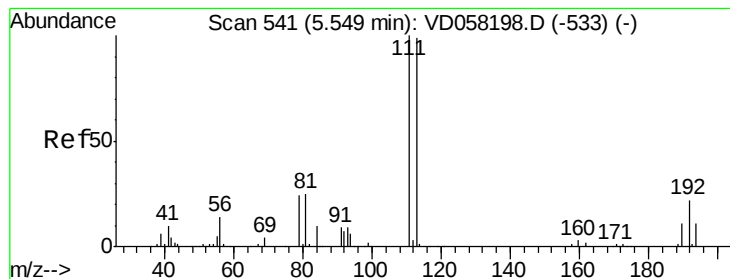
Tot Ion: 65 Resp: 407147
 Ion Ratio Lower Upper
 65 100
 67 46.2 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD058380.D
 Acq: 24 Jun 2018 19:11

Tgt Ion: 114 Resp: 932480
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 18.9 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. 0.01 min

Lab File: VD058380.D

Acq: 24 Jun 2018 19:11

Instrument :

MSVOA_D

ClientSampleId :

WP021SB486-25-27-180621

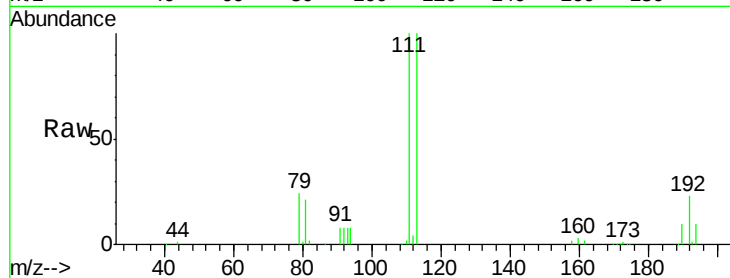
Tot Ion:113 Resp: 418611

Ion Ratio Lower Upper

113 100

111 100.0 80.6 121.0

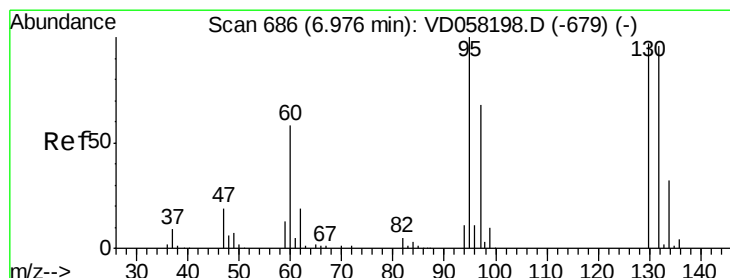
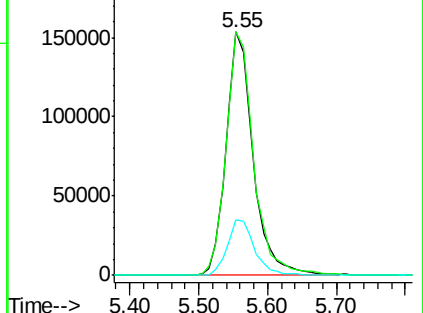
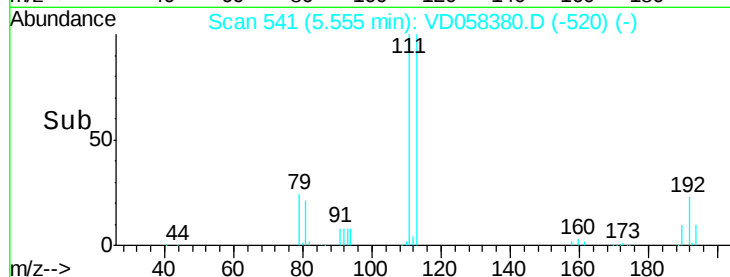
192 22.9 17.8 26.6



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



#44

Trichloroethene

Concen: 1.91 ug/l

RT: 6.99 min Scan# 687

Delta R.T. 0.02 min

Lab File: VD058380.D

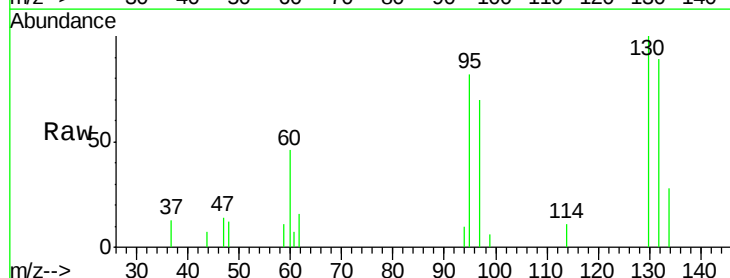
Acq: 24 Jun 2018 19:11

Tgt Ion:130 Resp: 12574

Ion Ratio Lower Upper

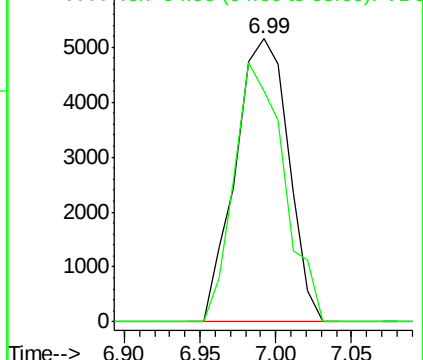
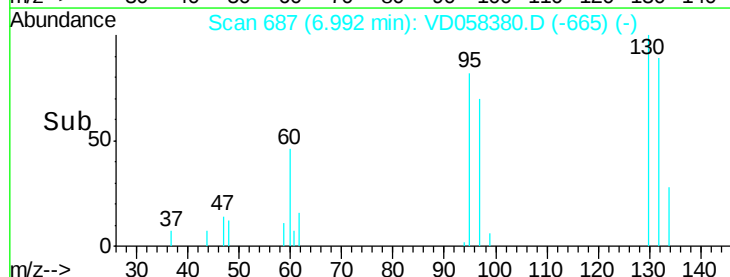
130 100

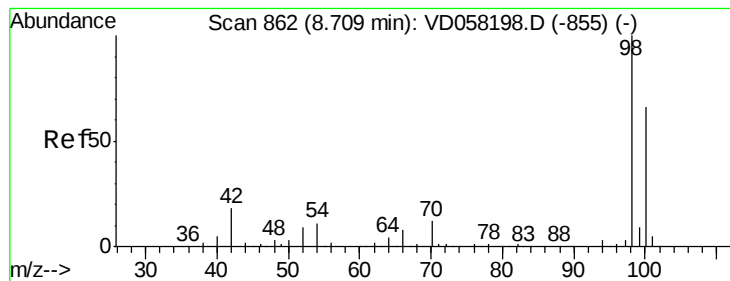
95 81.8 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD058380.D

Acq: 24 Jun 2018 19:11

Instrument :

MSVOA_D

ClientSampleId :

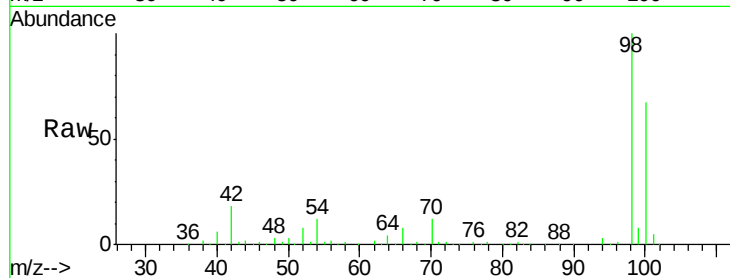
WP021SB486-25-27-180621

Tot Ion: 98 Resp: 933004

Ion Ratio Lower Upper

98 100

100 67.4 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.71

400000

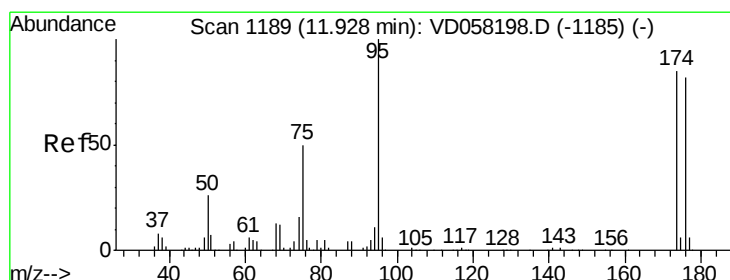
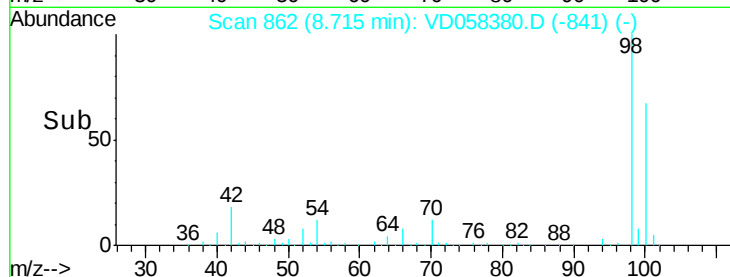
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058380.D

Acq: 24 Jun 2018 19:11

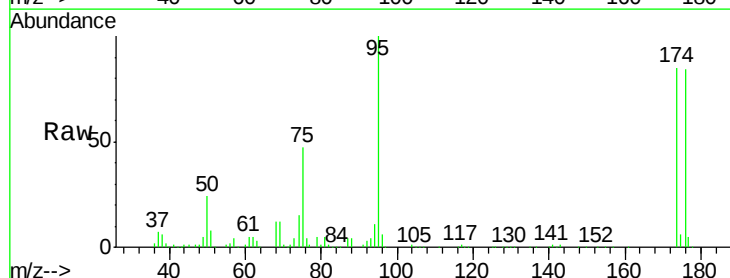
Tgt Ion: 95 Resp: 423884

Ion Ratio Lower Upper

95 100

174 84.5 0.0 170.2

176 83.6 0.0 164.6



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

11.93

400000

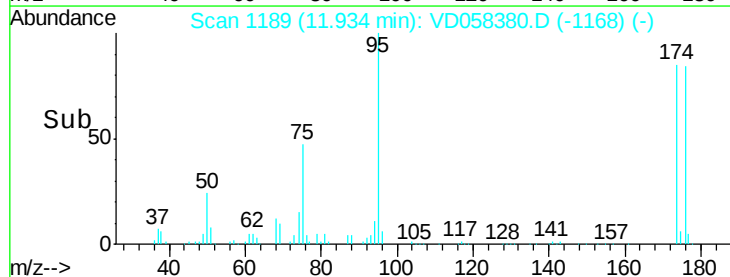
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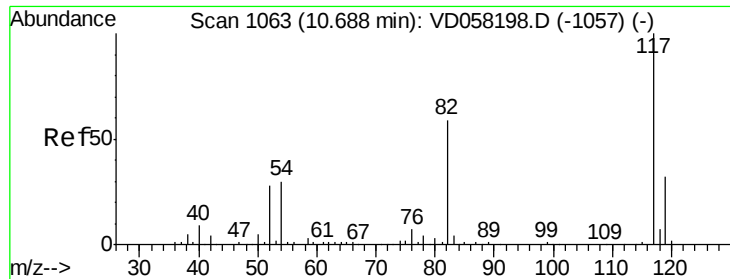
200000

100000

0

Time-->

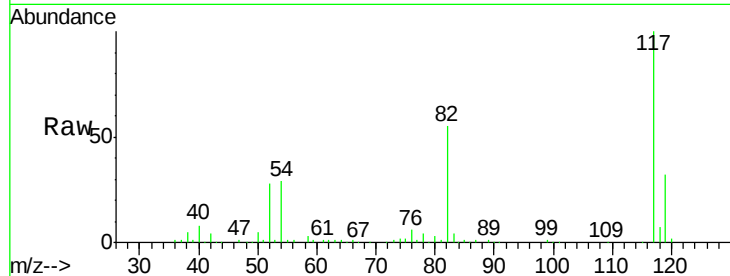




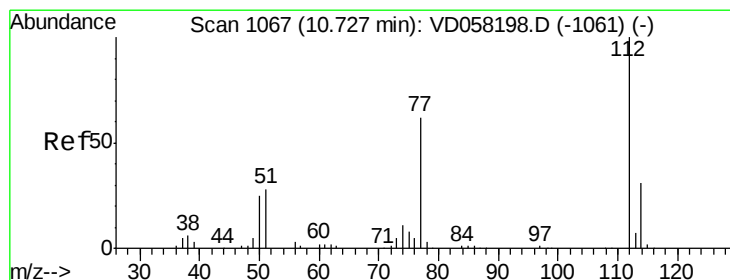
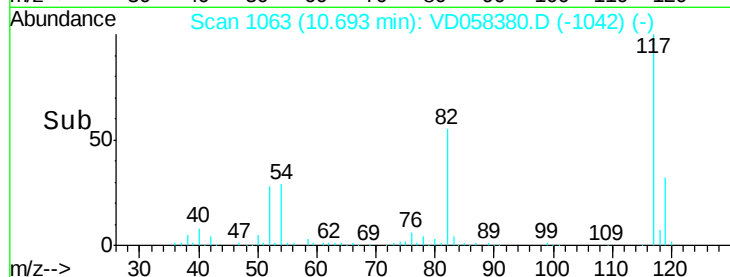
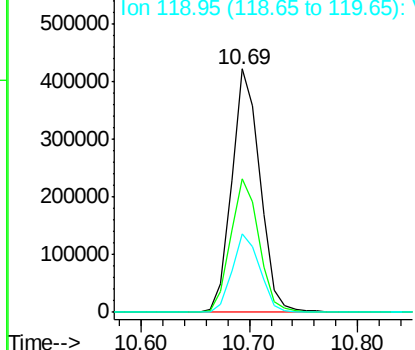
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD058380.D
Acq: 24 Jun 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
WP021SB486-25-27-180621

Tot Ion:117 Resp: 763907
Ion Ratio Lower Upper
117 100
82 54.7 47.0 70.6
119 32.0 25.3 37.9

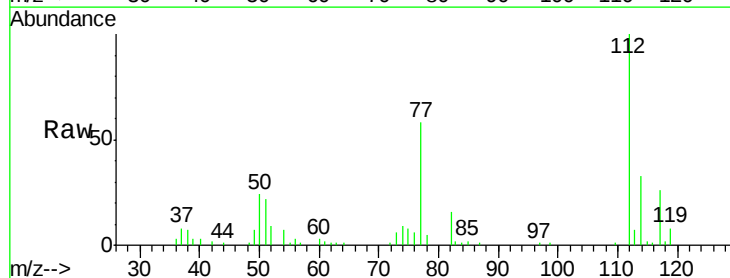


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

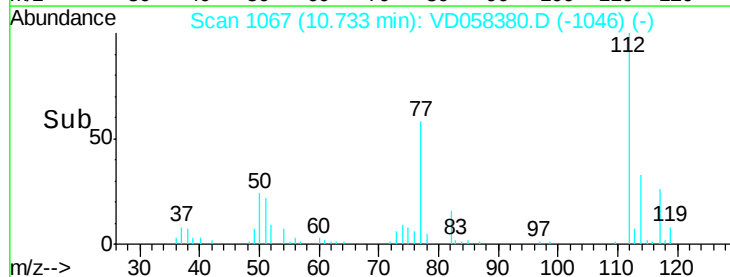
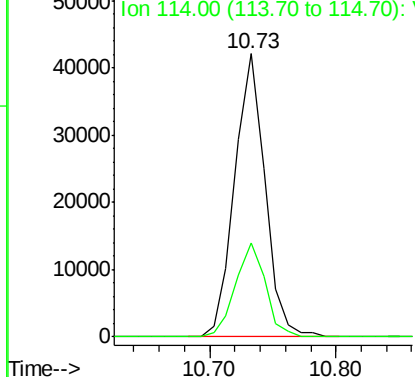


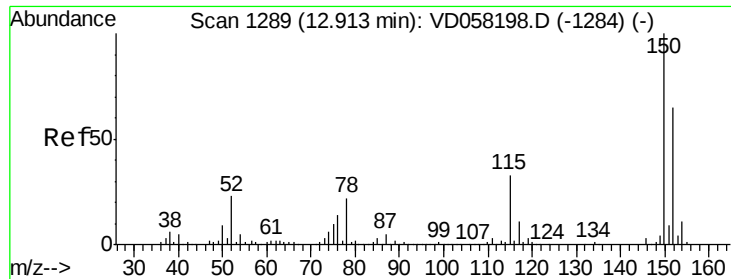
#65
Chlorobenzene
Concen: 4.90 ug/l
RT: 10.73 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VD058380.D
Acq: 24 Jun 2018 19:11

Tgt Ion:112 Resp: 70083
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.92 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD058380.D

Acq: 24 Jun 2018 19:11

Instrument :

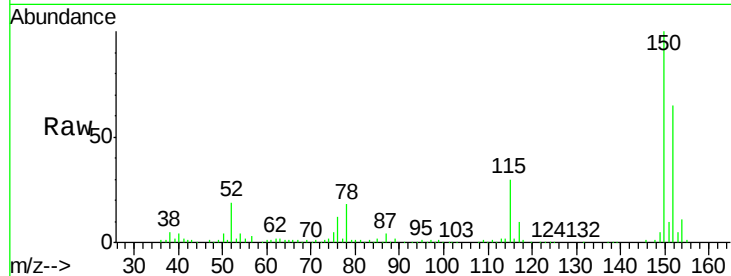
MSVOA_D

ClientSampleId :

WP021SB486-25-27-180621

Tot Ion:152 Resp: 407936

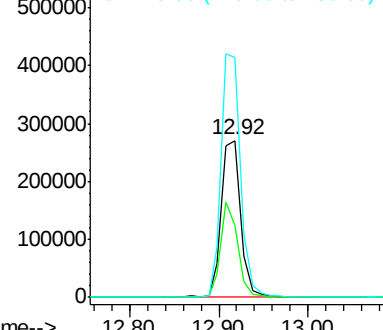
Ion	Ratio	Lower	Upper
152	100		
115	45.9	25.1	75.3
150	152.8	0.0	308.8



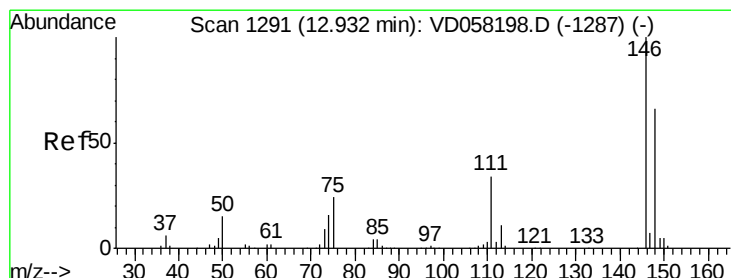
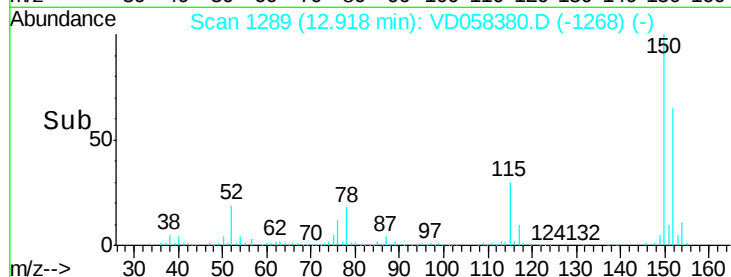
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#88

1,4-Dichlorobenzene

Concen: 1.40 ug/l

RT: 12.93 min Scan# 1290

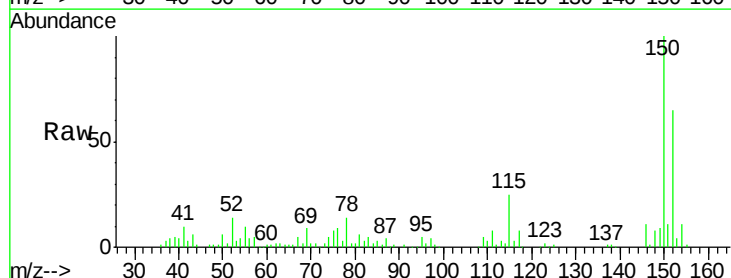
Delta R.T. -0.00 min

Lab File: VD058380.D

Acq: 24 Jun 2018 19:11

Tgt Ion:146 Resp: 17363

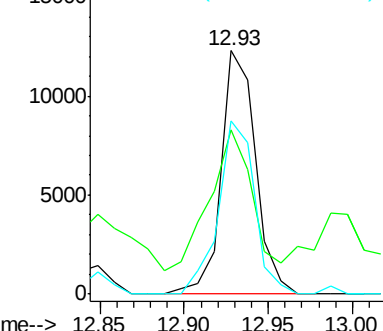
Ion	Ratio	Lower	Upper
146	100		
111	67.4	17.2	51.5#
148	71.1	33.1	99.3



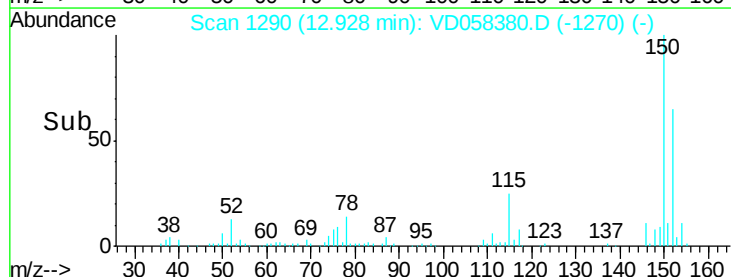
Abundance Ion 145.95 (145.65 to 146.65): V

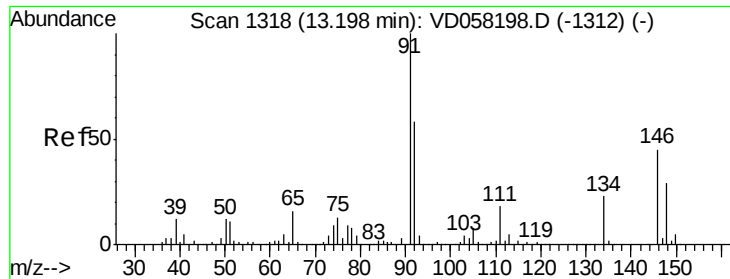
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->





#91
 1,2-Dichlorobenzene
 Concen: 2.53 ug/l
 RT: 13.19 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VD058380.D
 Acq: 24 Jun 2018 19:11

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB486-25-27-180621

Tot Ion:146 Resp: 27295
 Ion Ratio Lower Upper
 146 100
 111 48.0 19.6 58.7
 148 63.4 32.0 96.2

