

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006489.D
 Acq On : 30 Oct 2018 08:20
 Operator : SY/AP
 Sample : J5691-04
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10

Quant Time: Oct 30 08:53:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

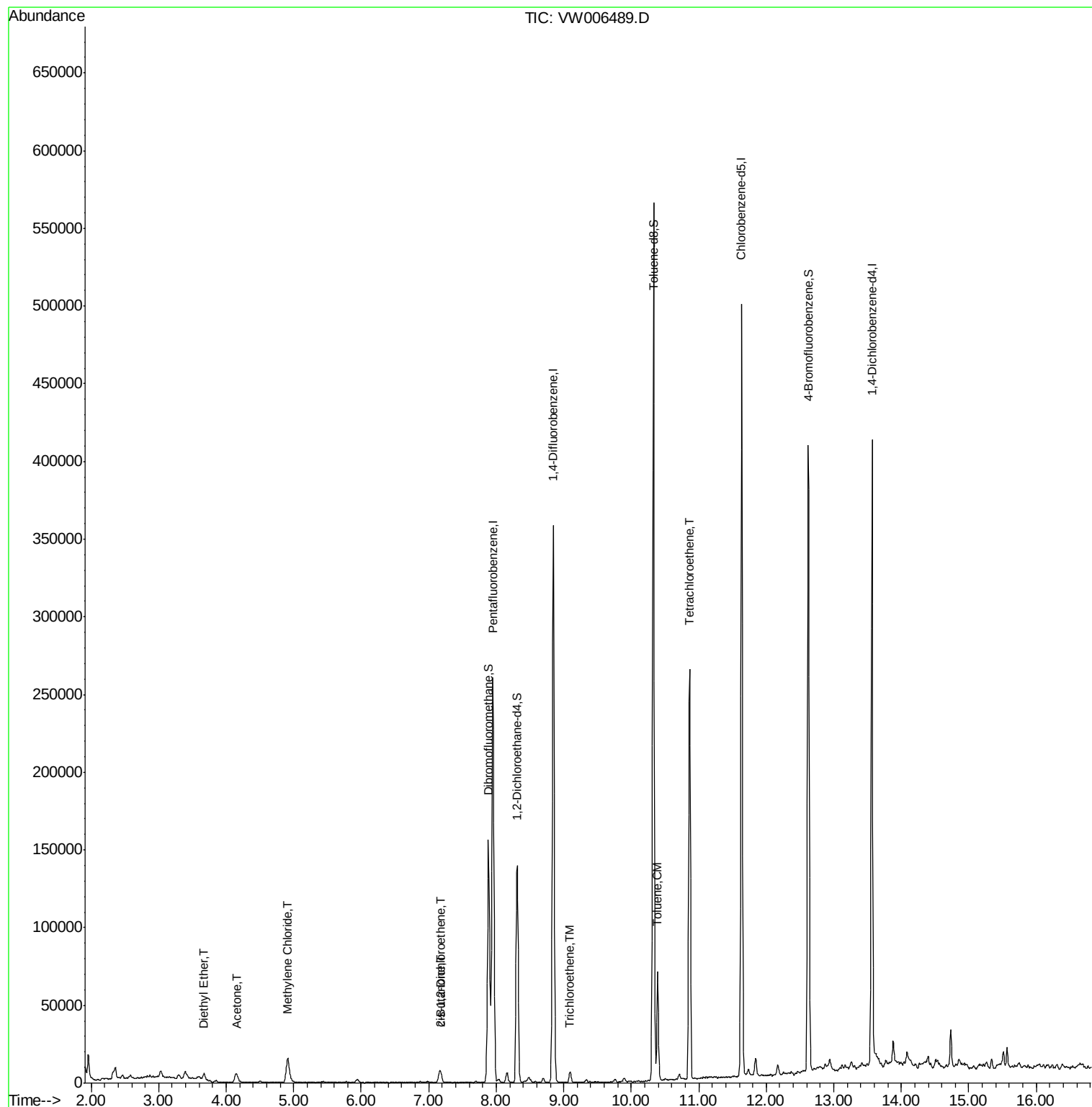
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	326159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	116280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111942	63.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.00%	
35) Dibromofluoromethane	7.89	113	109686	56.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.82%	
50) Toluene-d8	10.33	98	386206	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.62	95	125474	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
Target Compounds						
8) Diethyl Ether	3.68	74	2350	2.454	ug/l	86
16) Acetone	4.15	43	12363	23.998	ug/l	98
20) Methylene Chloride	4.91	84	13326	5.702	ug/l	90
25) 2-Butanone	7.18	43	1978	4.153	ug/l	94
27) cis-1,2-Dichloroethene	7.18	96	2755	1.259	ug/l	91
44) Trichloroethene	9.09	130	2639	1.043	ug/l	99
52) Toluene	10.39	92	30203	5.463	ug/l	99
64) Tetrachloroethene	10.87	164	64363	28.897	ug/l	98

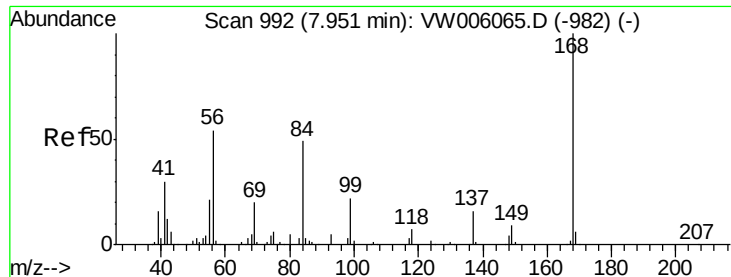
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 30 08:53:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006489.D

Acq: 30 Oct 2018 08:20

Instrument :

MSVOA_W

ClientSampled :

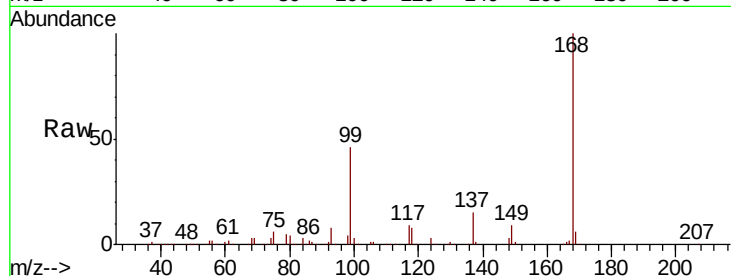
SB-10

Tot Ion:168 Resp: 212636

Ion Ratio Lower Upper

168 100

99 45.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

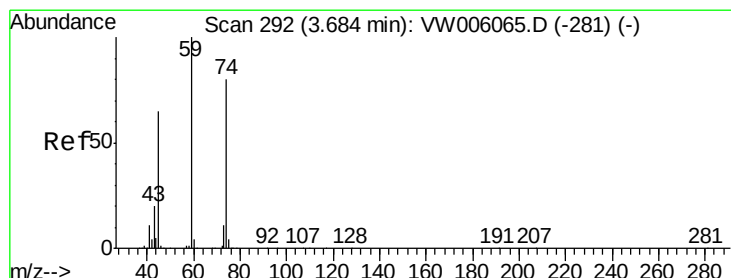
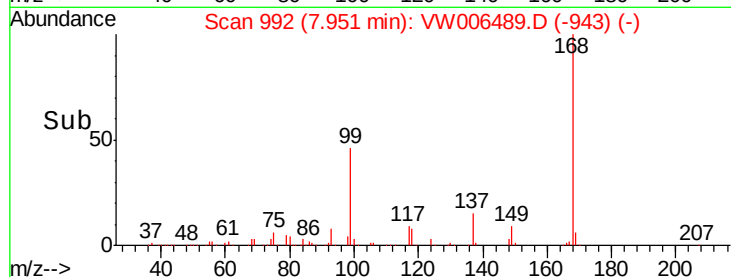
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.454 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006489.D

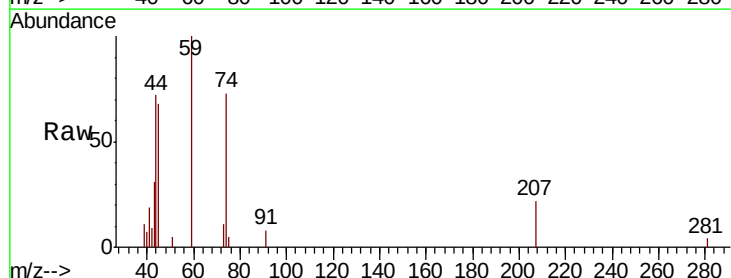
Acq: 30 Oct 2018 08:20

Tgt Ion: 74 Resp: 2350

Ion Ratio Lower Upper

74 100

45 98.3 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

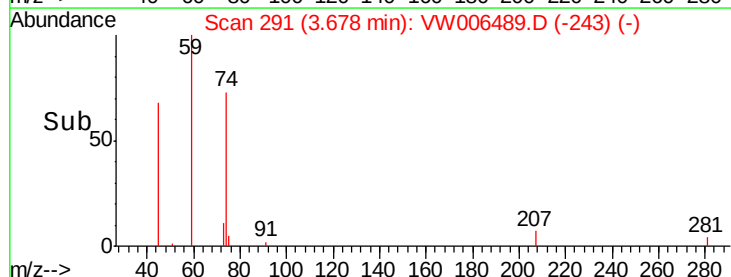
600

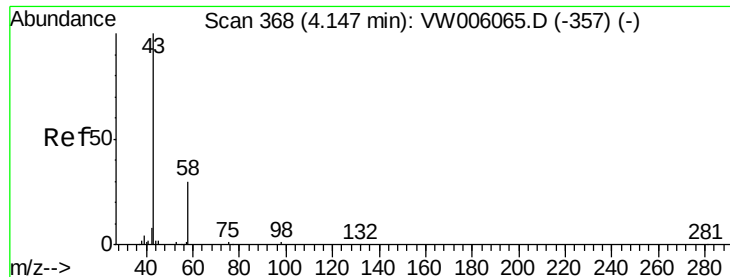
400

200

0

Time-->





#16

Acetone

Concen: 23.998 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006489.D

Acq: 30 Oct 2018 08:20

Instrument :

MSVOA_W

ClientSampleId :

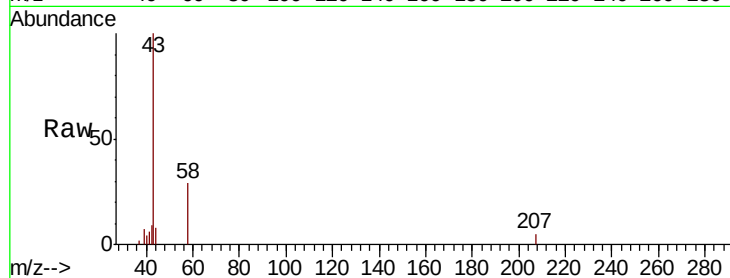
SB-10

Tot Ion: 43 Resp: 12363

Ion Ratio Lower Upper

43 100

58 29.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

4000

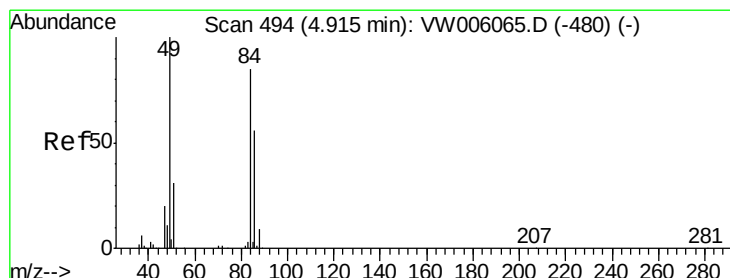
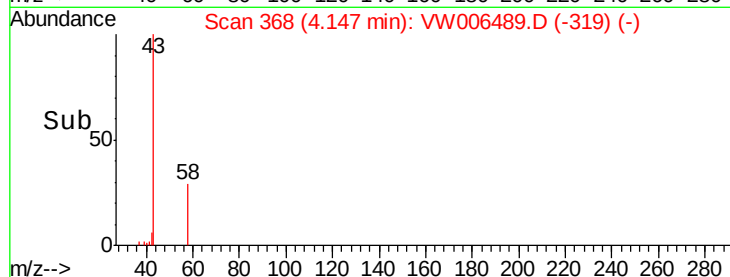
3000

2000

1000

0

Time--> 4.00 4.10 4.20 4.30



#20

Methylene Chloride

Concen: 5.702 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006489.D

Acq: 30 Oct 2018 08:20

Tgt Ion: 84 Resp: 13326

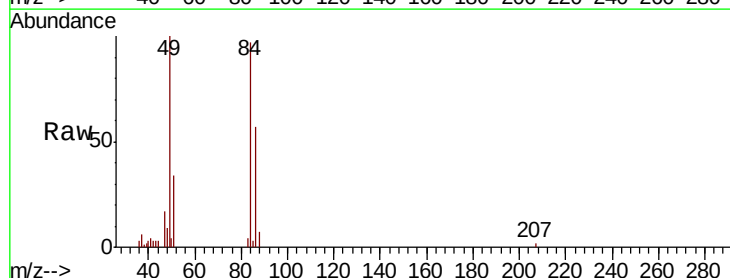
Ion Ratio Lower Upper

84 100

49 103.2 93.6 140.4

51 34.9 29.0 43.4

86 58.5 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

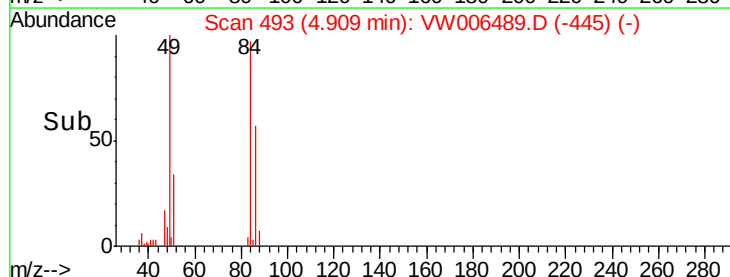
6000

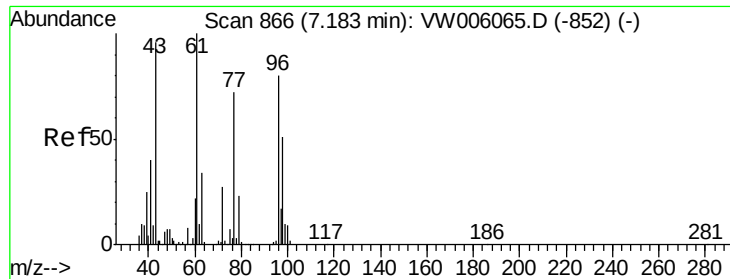
4000

2000

0

Time--> 4.80 4.90 5.00





#25

2-Butanone

Concen: 4.153 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006489.D

Acq: 30 Oct 2018 08:20

Instrument :

MSVOA_W

ClientSampled :

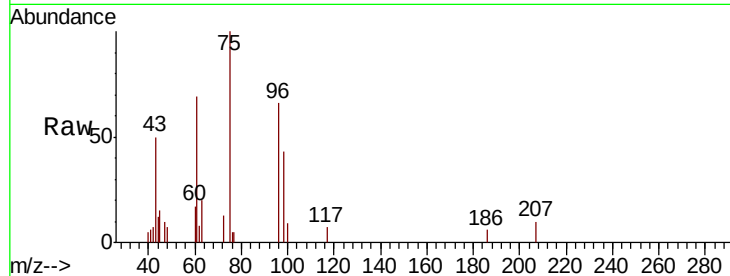
SB-10

Tot Ion: 43 Resp: 1978

Ion Ratio Lower Upper

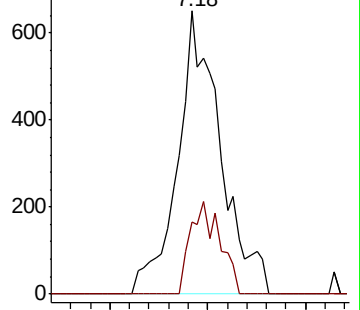
43 100

72 25.5 22.8 34.2

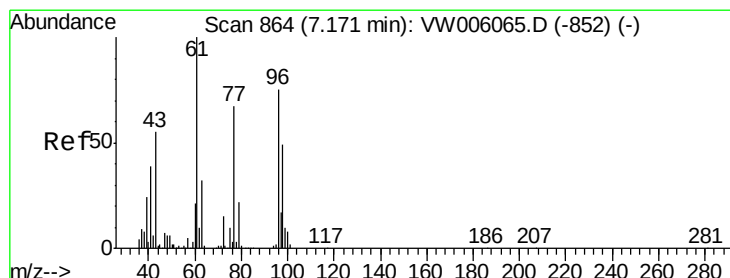
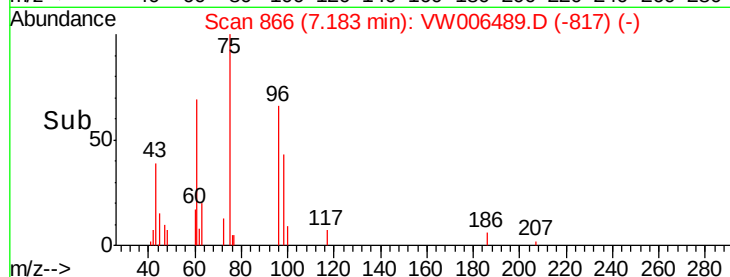


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.259 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW006489.D

Acq: 30 Oct 2018 08:20

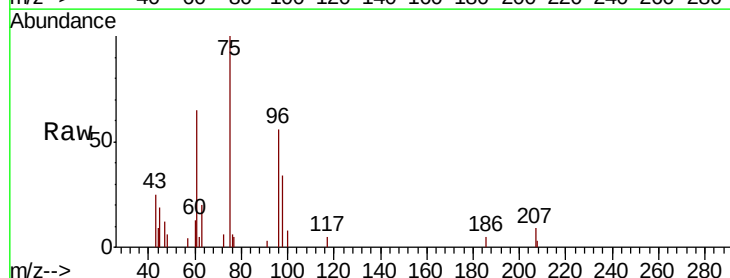
Tgt Ion: 96 Resp: 2755

Ion Ratio Lower Upper

96 100

61 118.3 0.0 267.2

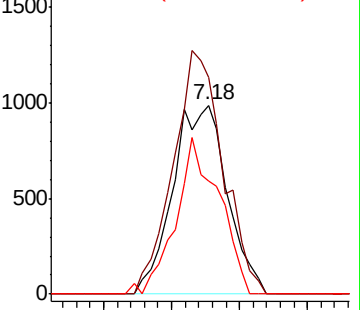
98 66.0 0.0 128.6



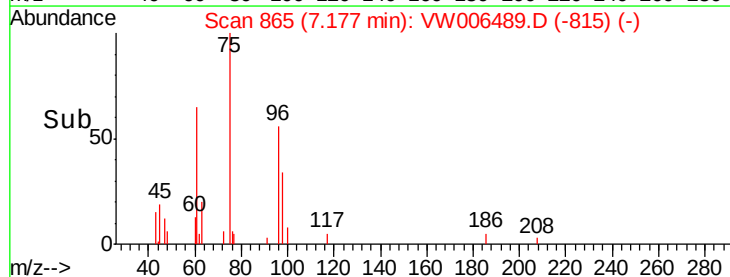
Abundance Ion 95.90 (95.60 to 96.60): VW

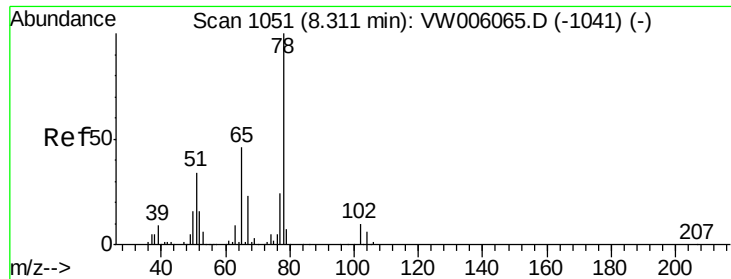
Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



Time-->

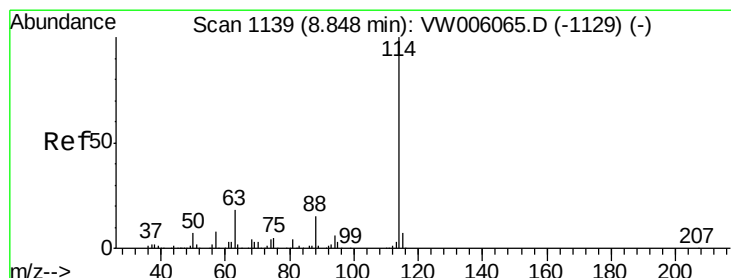
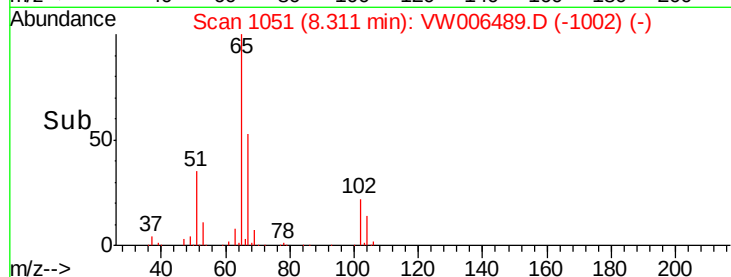
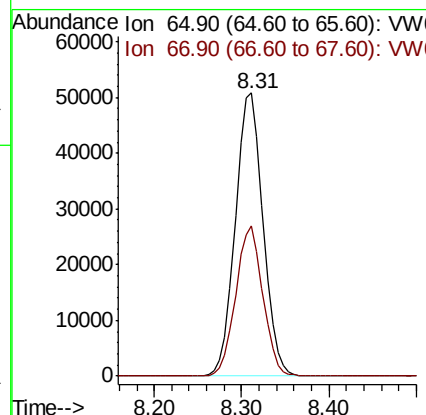
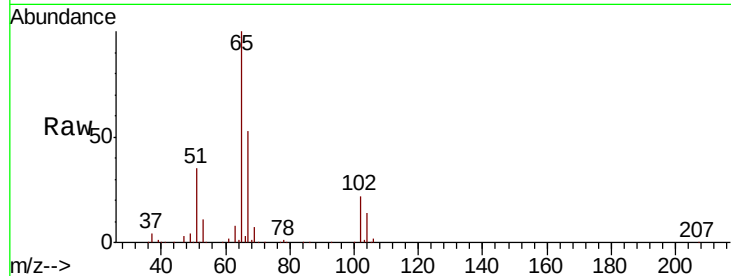




#33
 1,2-Dichloroethane-d4
 Concen: 63.500 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006489.D
 Acq: 30 Oct 2018 08:20

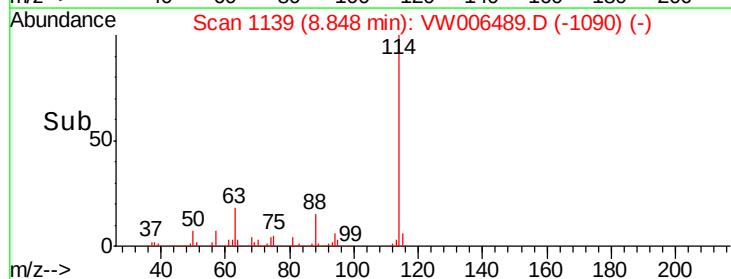
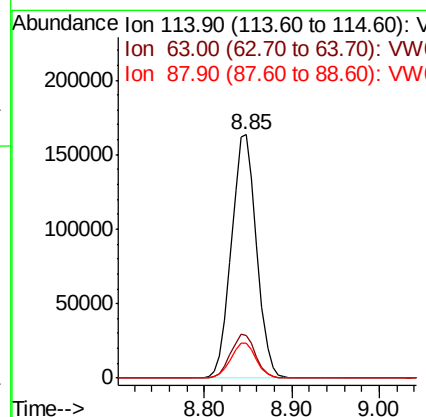
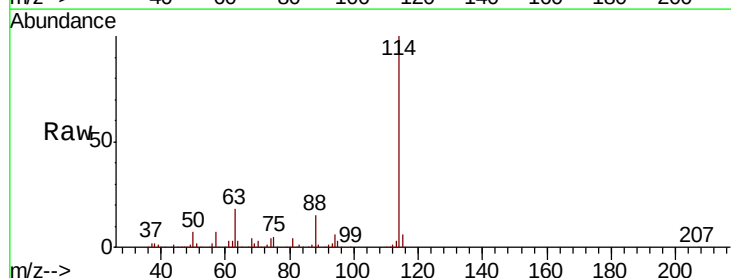
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10

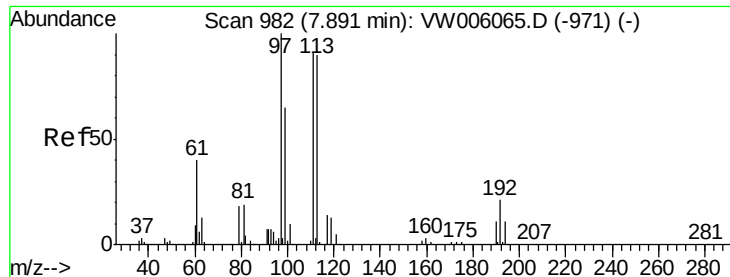
Tot Ion: 65 Resp: 111942
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006489.D
 Acq: 30 Oct 2018 08:20

Tgt Ion: 114 Resp: 326159
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.8
 88 14.5 0.0 29.0

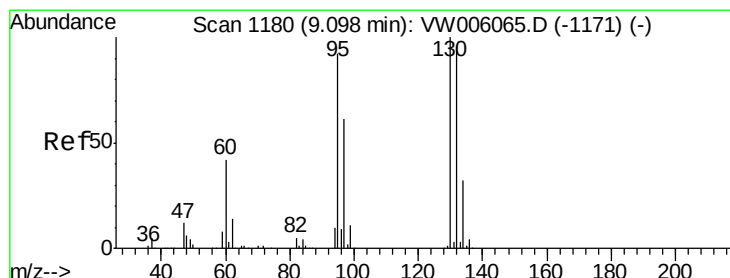
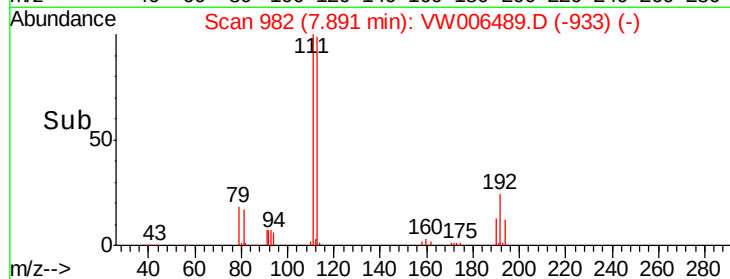
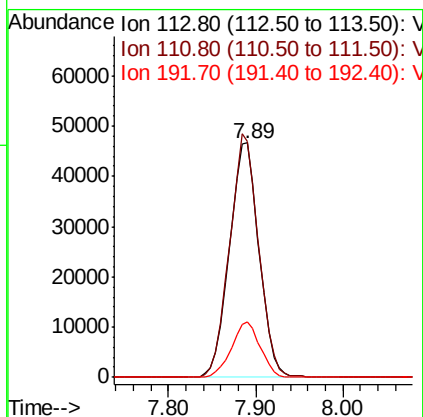
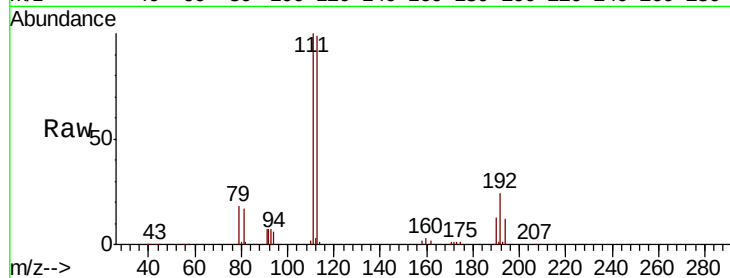




#35
 Dibromofluoromethane
 Concen: 56.913 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006489.D
 Acq: 30 Oct 2018 08:20

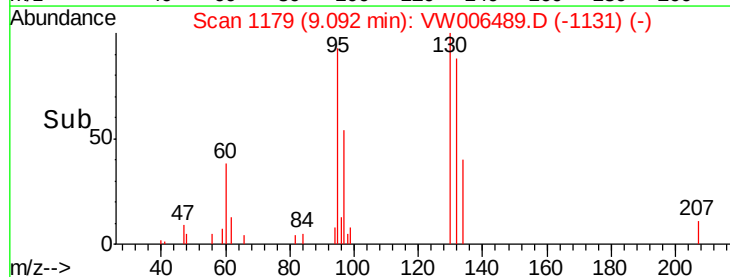
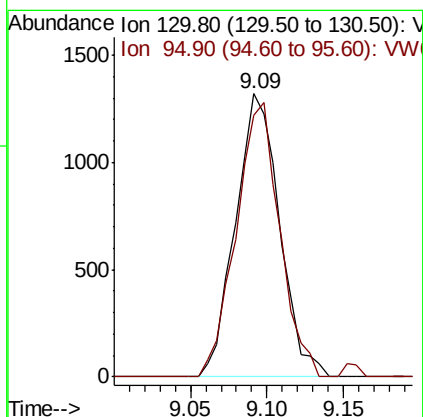
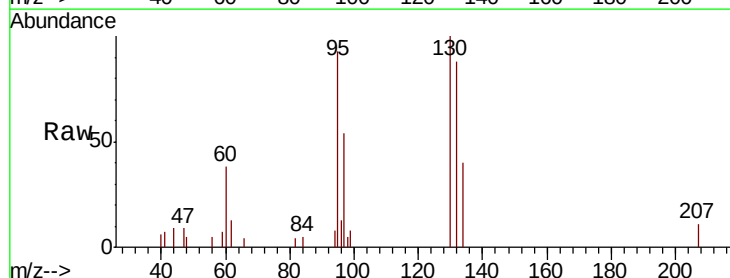
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10

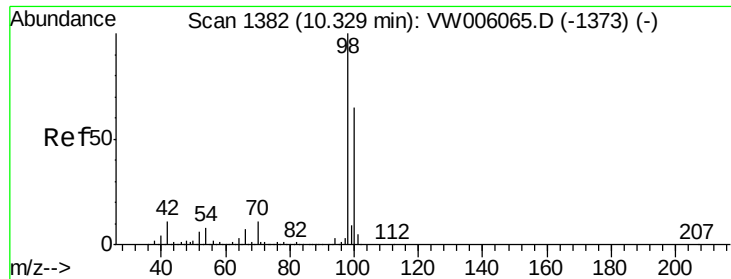
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	23.0	18.7	28.1



#44
 Trichloroethene
 Concen: 1.043 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VW006489.D
 Acq: 30 Oct 2018 08:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	183.2

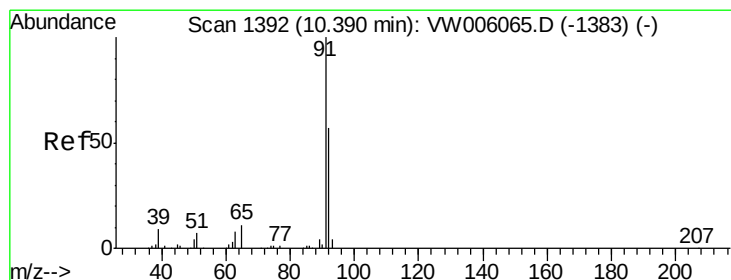
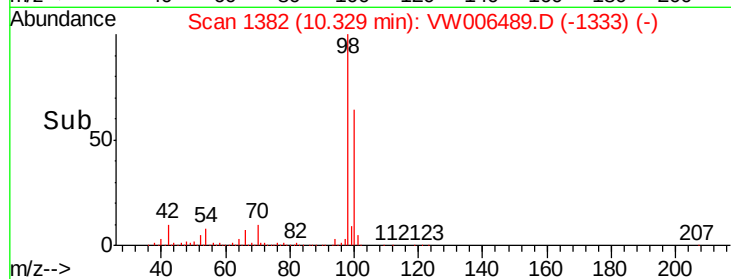
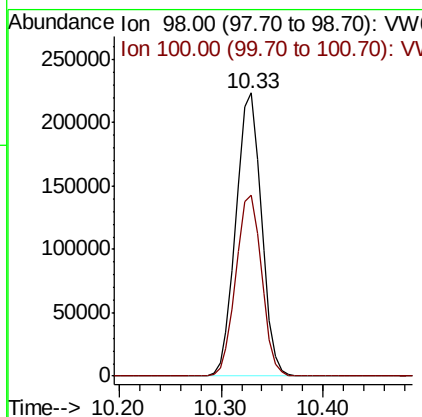
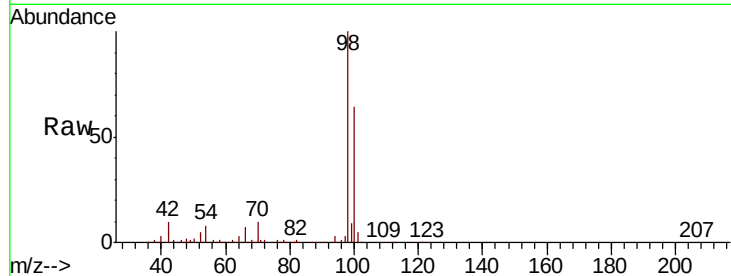




#50
Toluene-d8
Concen: 52.672 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006489.D
Acq: 30 Oct 2018 08:20

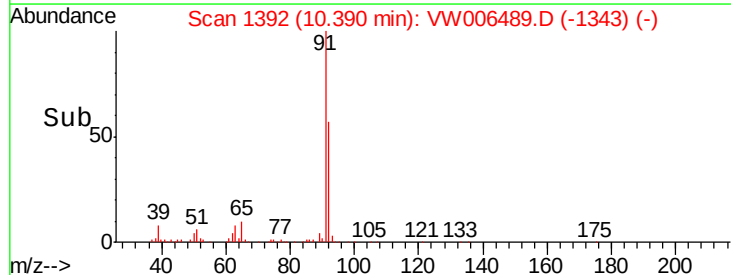
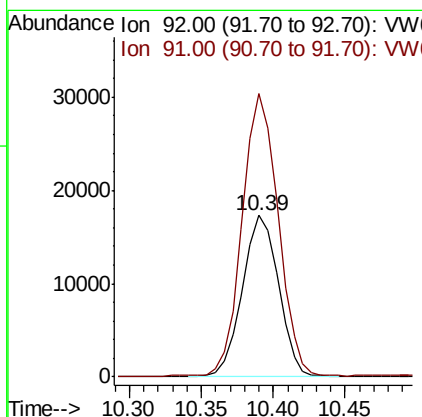
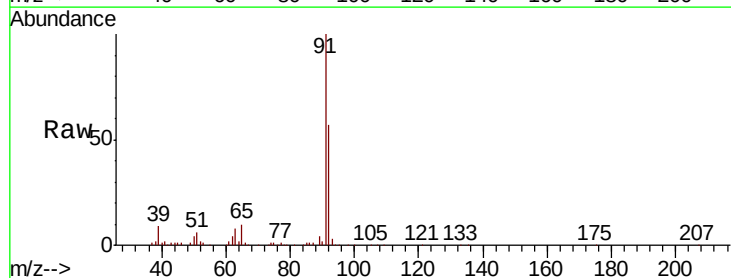
Instrument :
MSVOA_W
ClientSampled :
SB-10

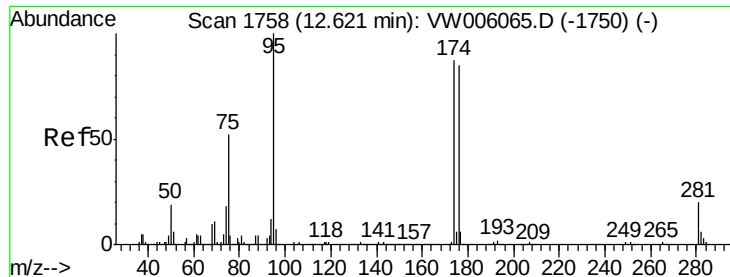
Tot Ion: 98 Resp: 386206
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#52
Toluene
Concen: 5.463 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006489.D
Acq: 30 Oct 2018 08:20

Tgt Ion: 92 Resp: 30203
Ion Ratio Lower Upper
92 100
91 176.4 140.0 210.0

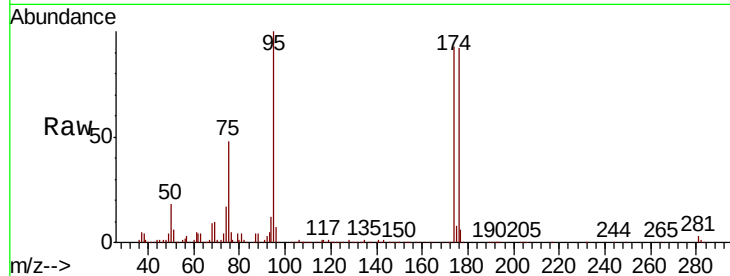




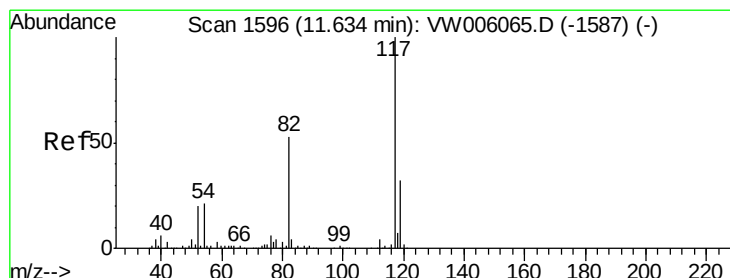
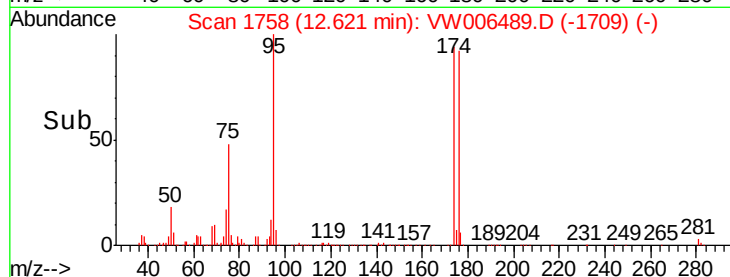
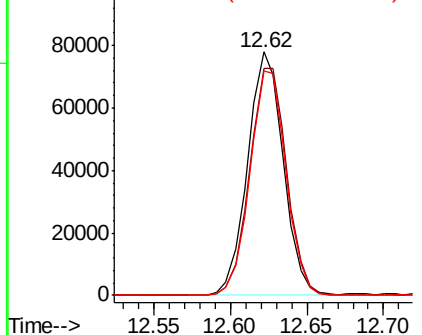
#62
4-Bromofluorobenzene
Concen: 45.562 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006489.D
Acq: 30 Oct 2018 08:20

Instrument :
MSVOA_W
ClientSampled :
SB-10

Tot Ion: 95 Resp: 125474
Ion Ratio Lower Upper
95 100
174 97.4 0.0 186.0
176 93.9 0.0 181.6

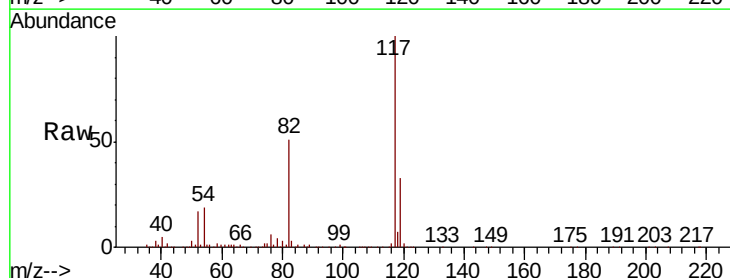


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

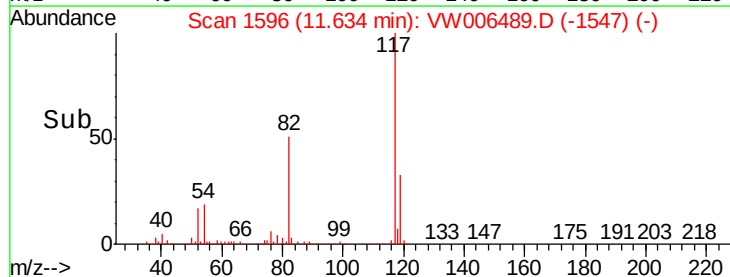
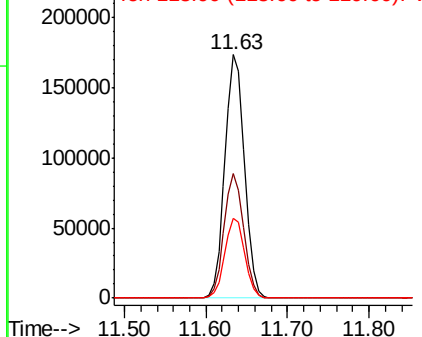


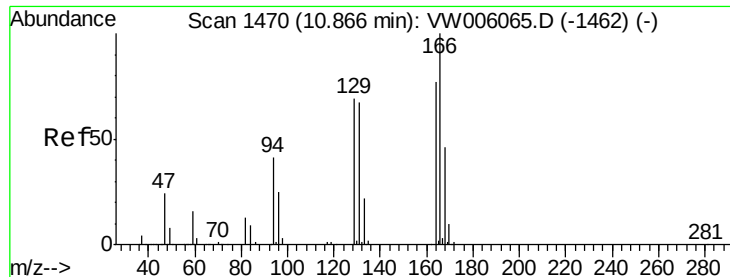
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006489.D
Acq: 30 Oct 2018 08:20

Tgt Ion: 117 Resp: 286918
Ion Ratio Lower Upper
117 100
82 51.1 42.1 63.1
119 33.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 28.897 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW006489.D

Acq: 30 Oct 2018 08:20

Instrument :

MSVOA_W

ClientSampleId :

SB-10

Tot Ion:164 Resp: 64363

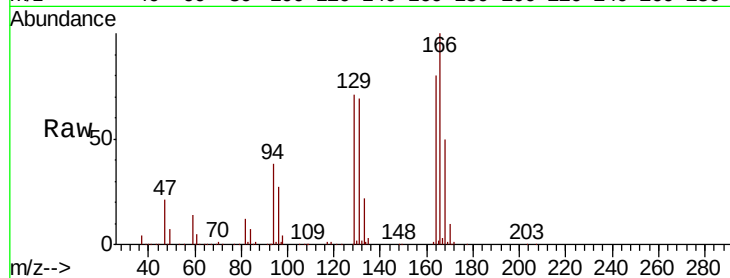
Ion Ratio Lower Upper

164 100

166 124.7 103.4 155.0

129 88.9 71.8 107.8

131 86.4 69.5 104.3

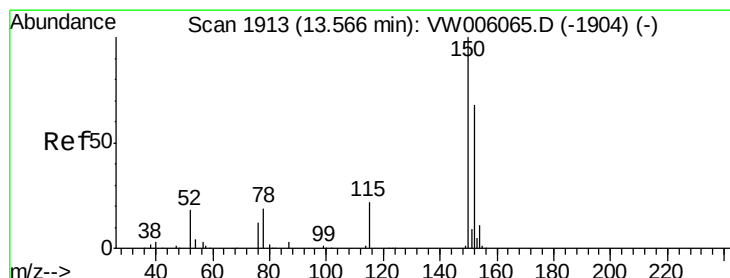
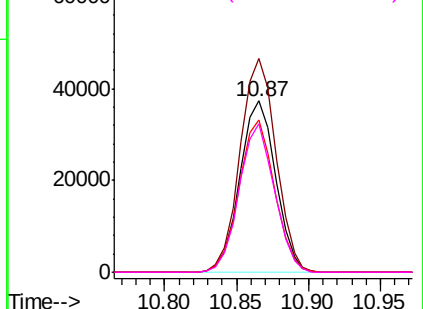
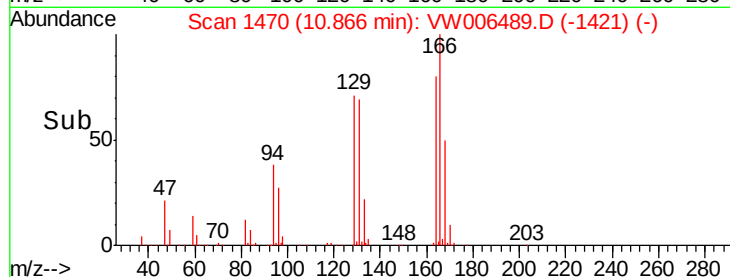


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006489.D

Acq: 30 Oct 2018 08:20

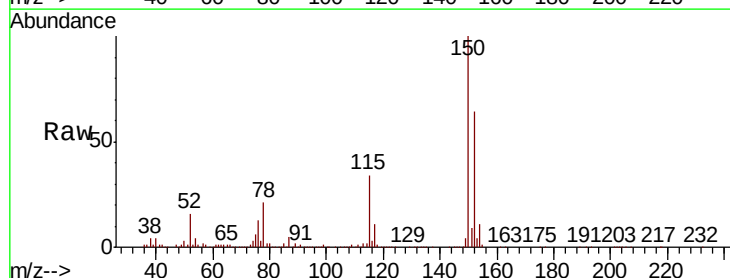
Tgt Ion:152 Resp: 116280

Ion Ratio Lower Upper

152 100

115 54.3 27.8 83.3

150 157.3 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

