

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006085.D
 Acq On : 16 Oct 2018 18:01
 Operator : VA/AP
 Sample : J5526-07
 Misc : 8.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Oct 17 01:21:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

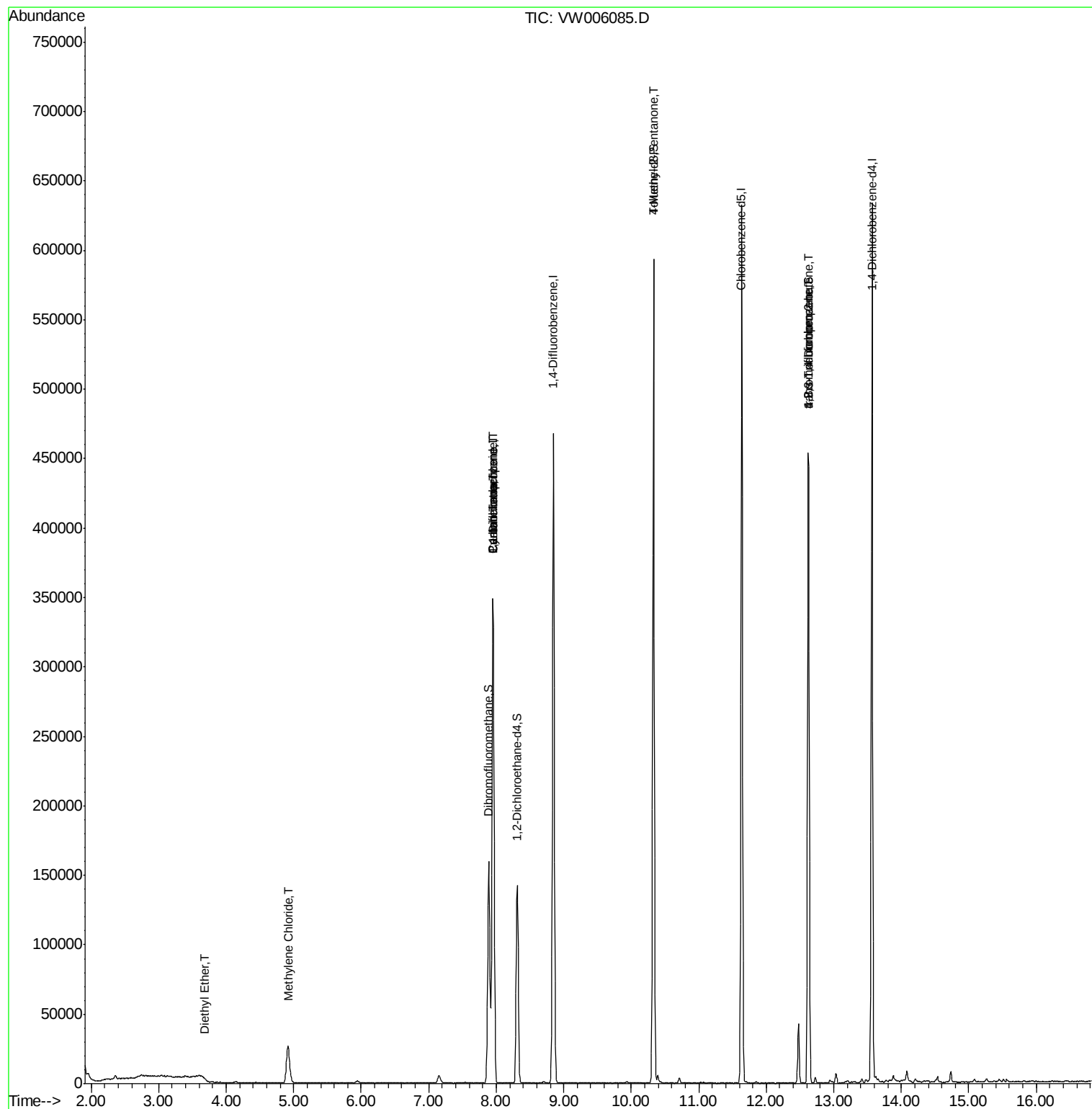
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	285394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	413431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	362455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112407	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
35) Dibromofluoromethane	7.88	113	111824	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
50) Toluene-d8	10.33	98	406831	43.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.54%	
62) 4-Bromofluorobenzene	12.62	95	139597	39.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.98%	
Target Compounds						
8) Diethyl Ether	3.68	74	1335	1.039	ug/l	87
16) Acetone	4.14	43	1325	Below Cal	#	84
20) Methylene Chloride	4.91	84	22649	7.669	ug/l	95
31) Cyclohexane	7.95	56	5181	1.197	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	18062	4.740	ug/l #	49
38) Carbon Tetrachloride	7.95	117	25400	6.080	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1754	1.209	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	71700	54.755	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71700	130.885	ug/l #	10

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 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: VW006085.D

Acq: 16 Oct 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

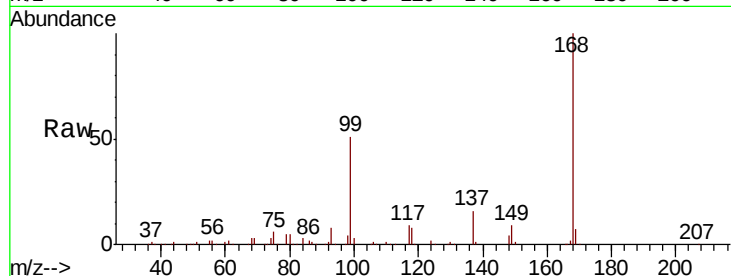
BFB

Tgt Ion:168 Resp: 285394

Ion Ratio Lower Upper

168 100

99 51.1 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

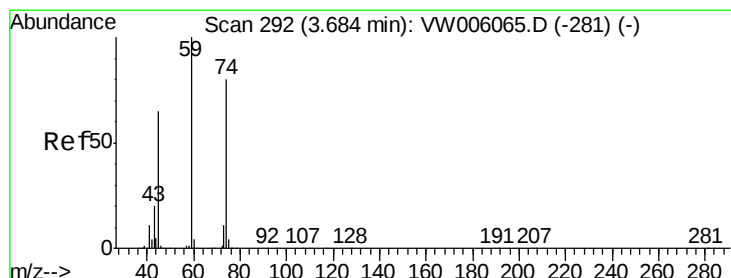
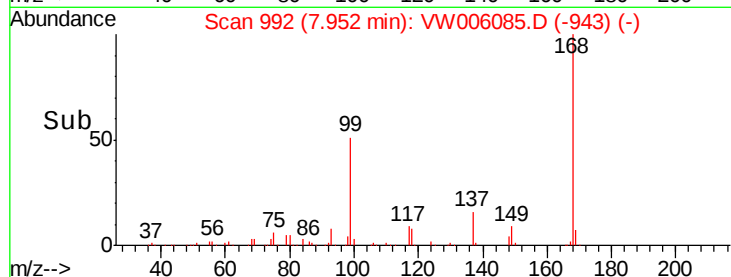
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.039 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006085.D

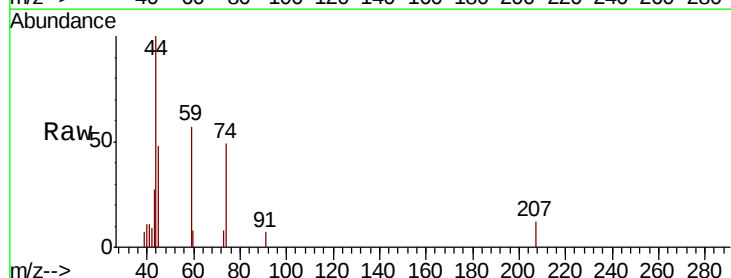
Acq: 16 Oct 2018 18:01

Tgt Ion: 74 Resp: 1335

Ion Ratio Lower Upper

74 100

45 97.2 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

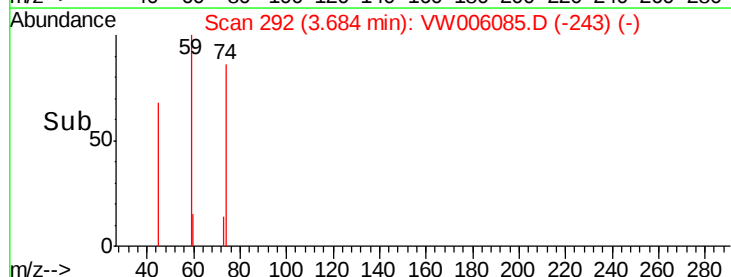
600

400

200

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006085.D

Acq: 16 Oct 2018 18:01

Instrument :

MSVOA_W

ClientSampled :

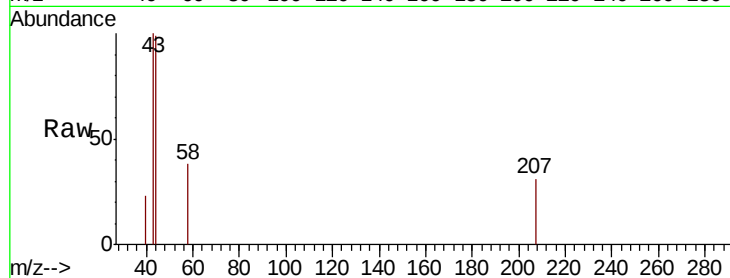
BFB

Tgt Ion: 43 Resp: 1325

Ion Ratio Lower Upper

43 100

58 38.4 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

400

300

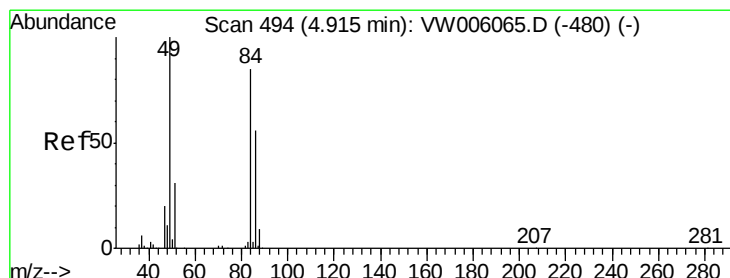
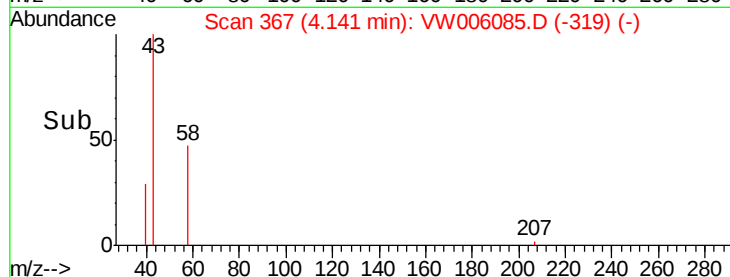
200

100

0

4.05 4.10 4.15 4.20

Time-->



#20

Methylene Chloride

Concen: 7.669 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006085.D

Acq: 16 Oct 2018 18:01

Tgt Ion: 84 Resp: 22649

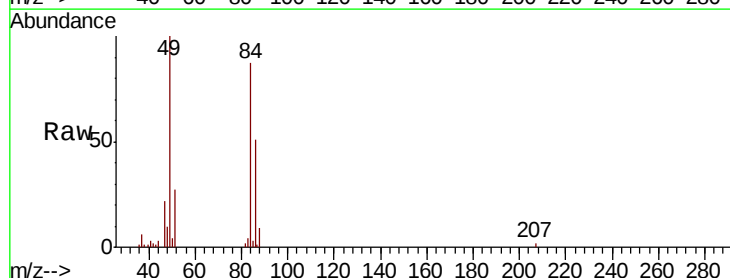
Ion Ratio Lower Upper

84 100

49 115.4 93.6 140.4

51 31.7 29.0 43.4

86 58.9 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

12000

10000

8000

6000

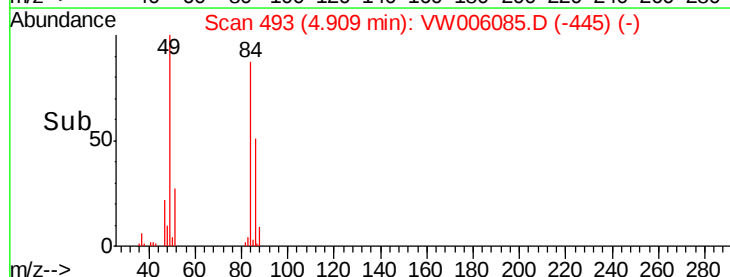
4000

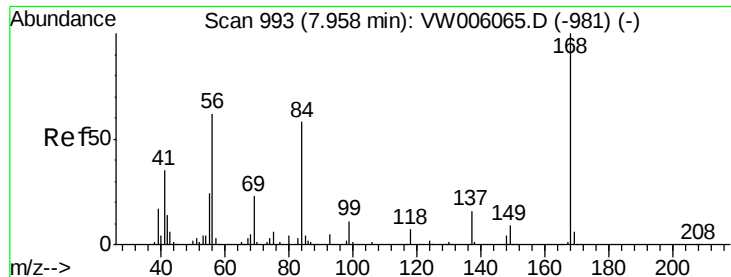
2000

0

4.80 4.90 5.00

Time-->

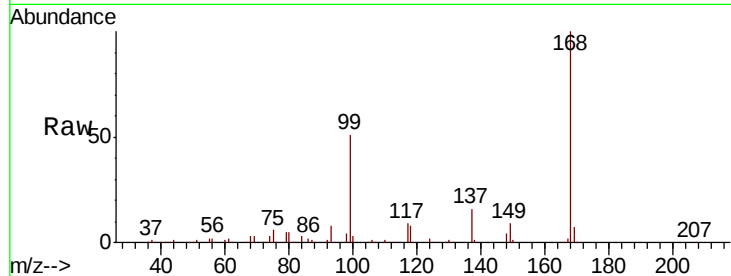




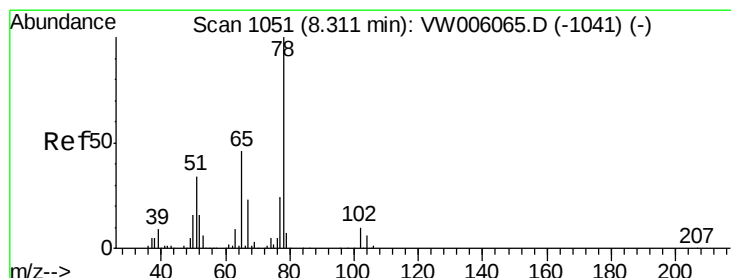
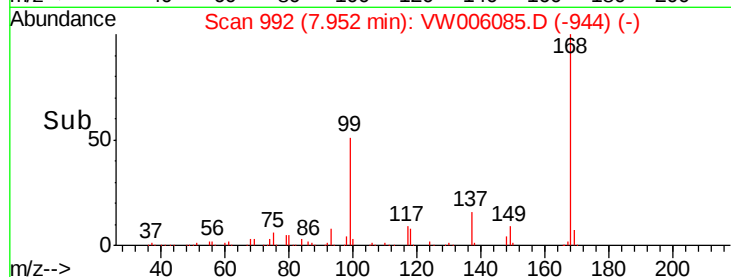
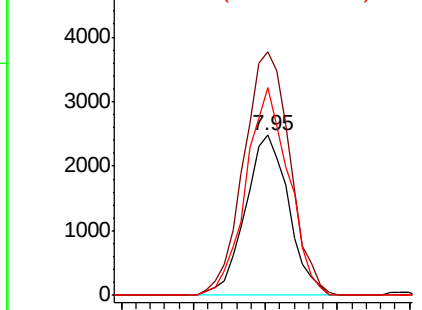
#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006085.D
Acq: 16 Oct 2018 18:01

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion: 56 Resp: 5181
Ion Ratio Lower Upper
56 100
69 151.9 29.4 44.0#
84 129.9 74.0 111.0#

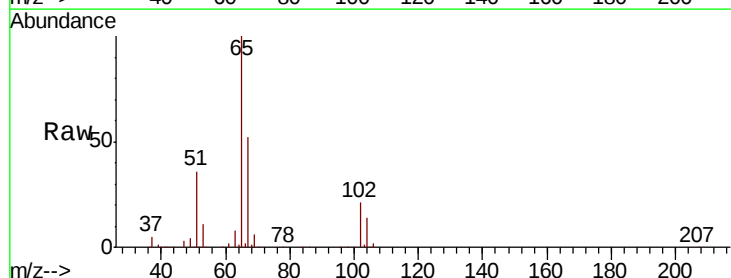


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

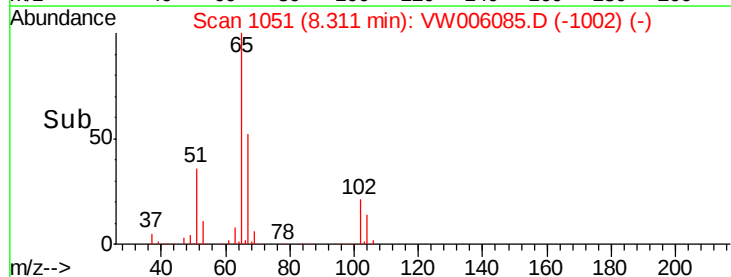
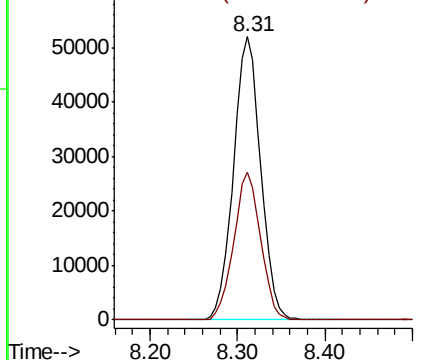


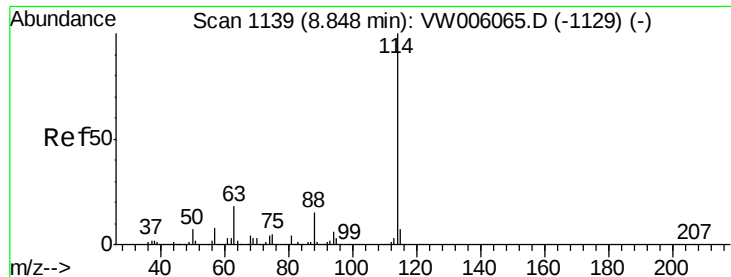
#33
1,2-Dichloroethane-d4
Concen: 47.508 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006085.D
Acq: 16 Oct 2018 18:01

Tgt Ion: 65 Resp: 112407
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

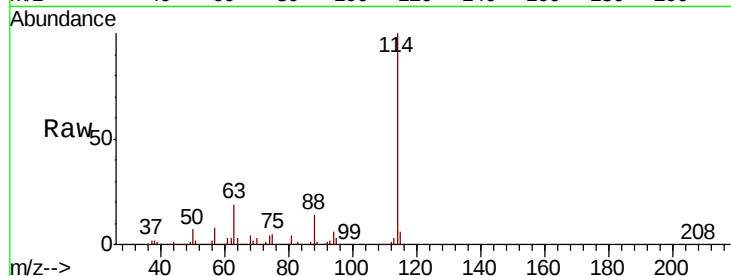




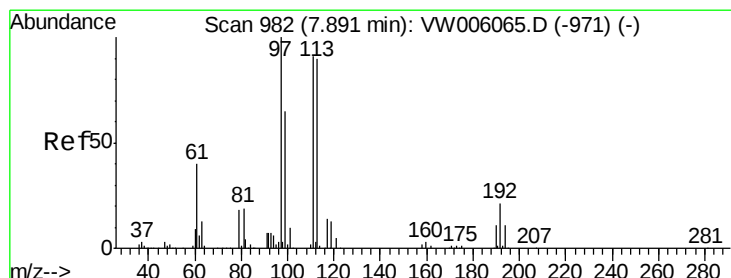
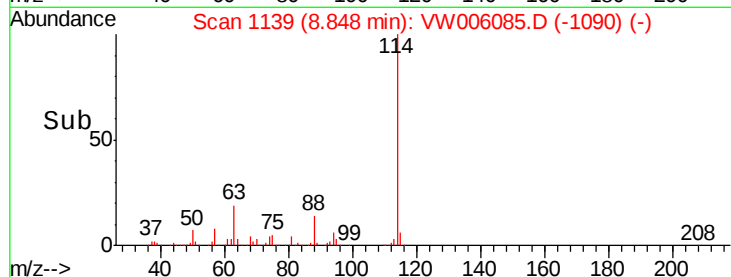
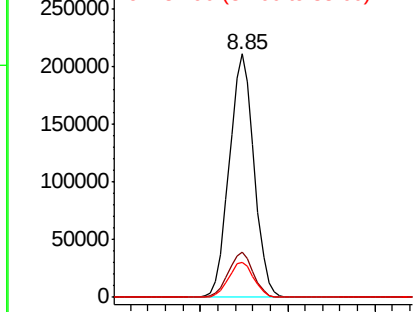
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006085.D
 Acq: 16 Oct 2018 18:01

Instrument :
 MSVOA_W
 ClientSampled :
 BFB

Tgt Ion:114 Resp: 413431
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.8
 88 14.5 0.0 29.0

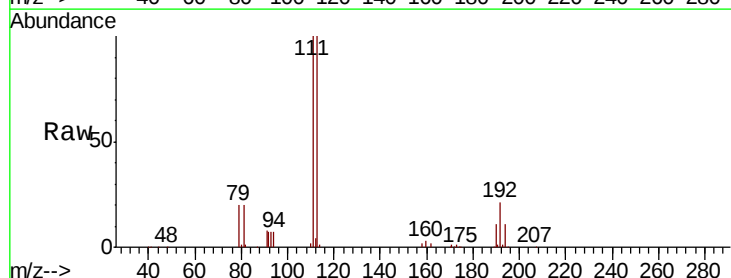


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

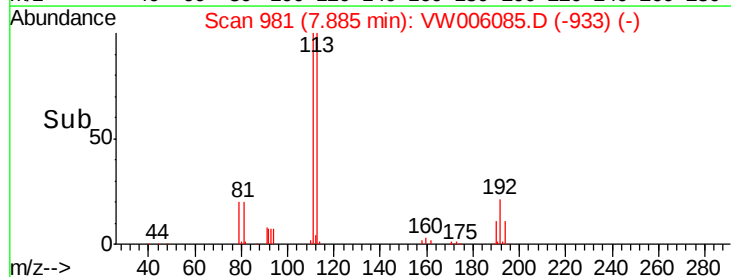
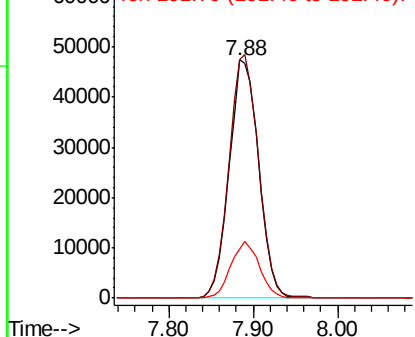


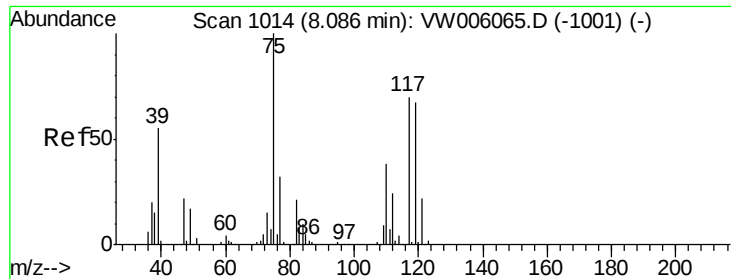
#35
 Dibromofluoromethane
 Concen: 45.774 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006085.D
 Acq: 16 Oct 2018 18:01

Tgt Ion:113 Resp: 111824
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 23.0 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

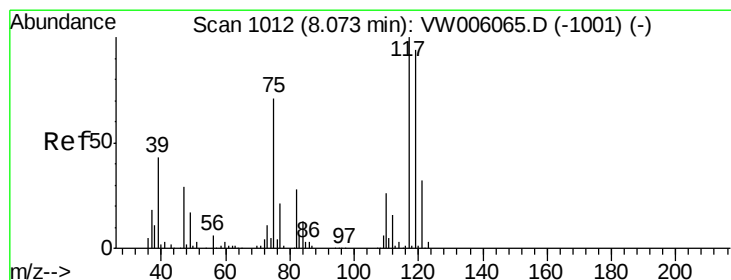
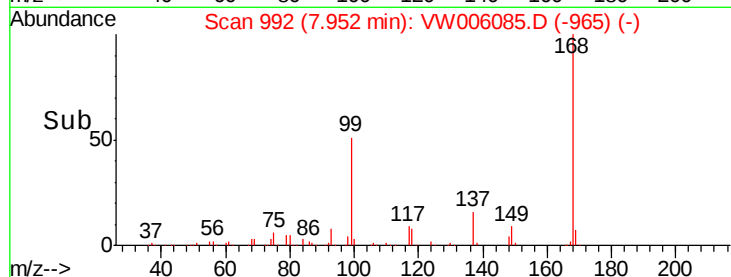
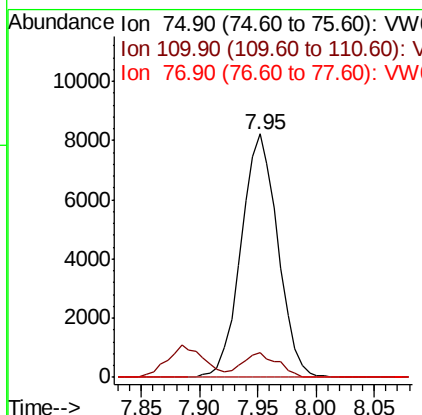
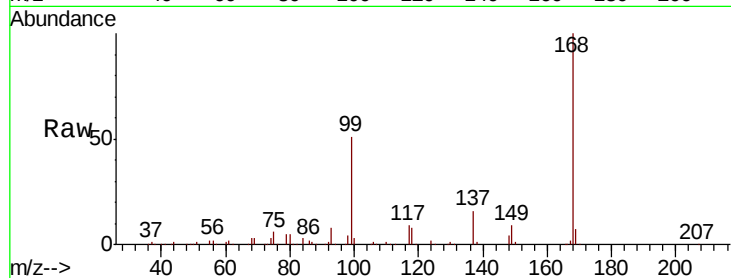




#36
 1,1-Dichloropropene
 Concen: 4.740 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006085.D
 Acq: 16 Oct 2018 18:01

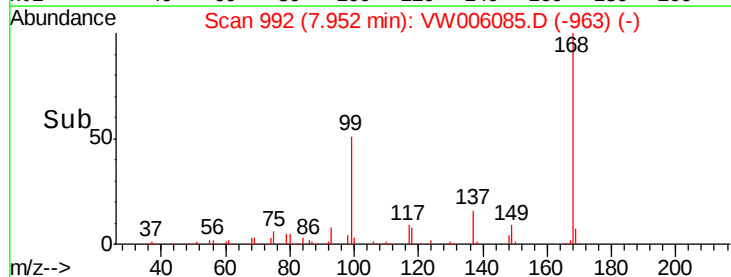
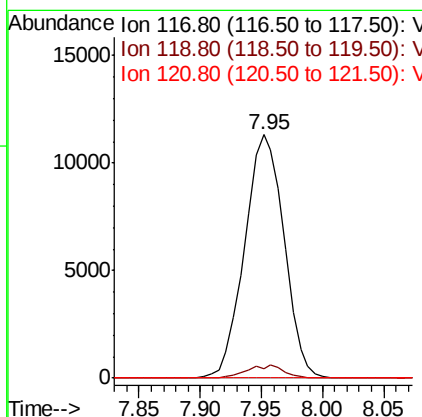
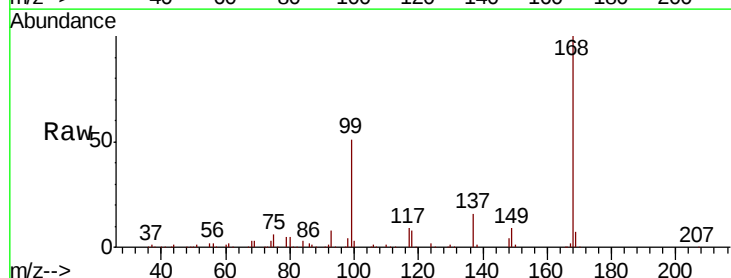
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 MSVOA_W
 ClientSampled :
 BFB

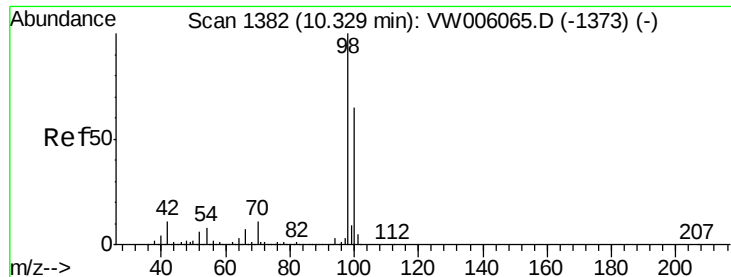
Tgt Ion: 75 Resp: 18062
 Ion Ratio Lower Upper
 75 100
 110 9.9 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.080 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006085.D
 Acq: 16 Oct 2018 18:01

Tgt Ion: 117 Resp: 25400
 Ion Ratio Lower Upper
 117 100
 119 4.0 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 43.773 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006085.D

Acq: 16 Oct 2018 18:01

Instrument :

MSVOA_W

ClientSampled :

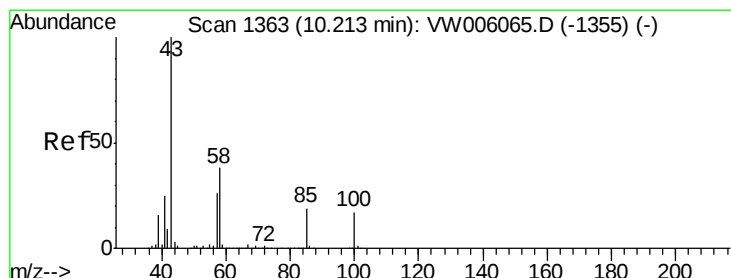
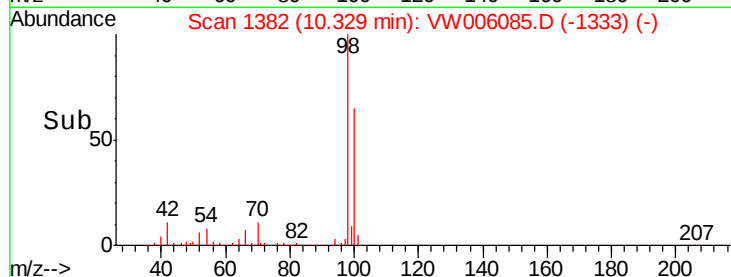
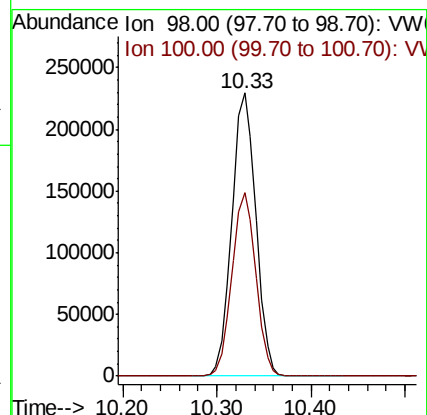
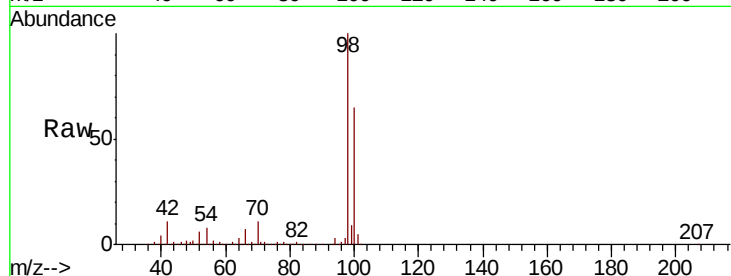
BFB

Tgt Ion: 98 Resp: 406831

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.209 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006085.D

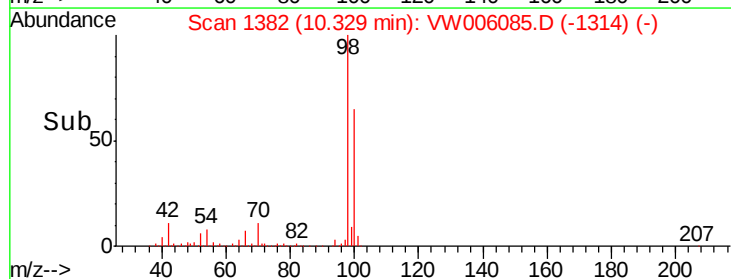
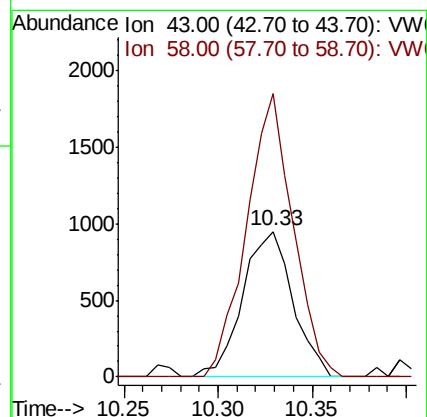
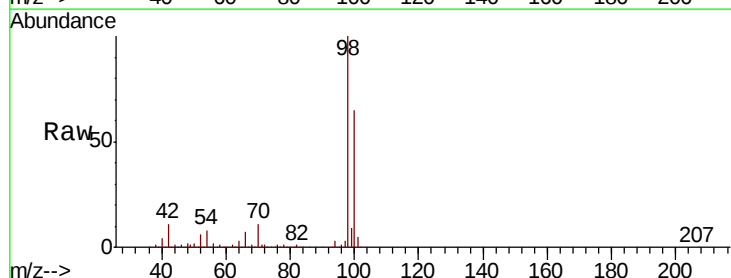
Acq: 16 Oct 2018 18:01

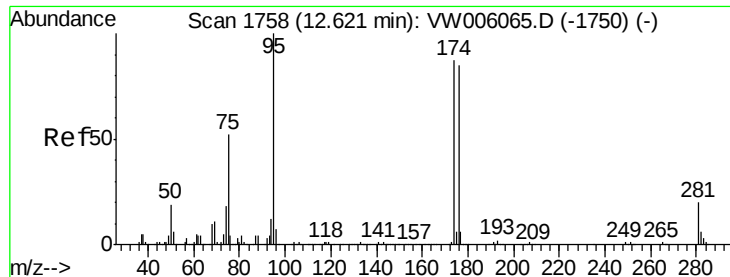
Tgt Ion: 43 Resp: 1754

Ion Ratio Lower Upper

43 100

58 179.9 31.5 47.3#





#62

4-Bromofluorobenzene

Concen: 39.990 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006085.D

Acq: 16 Oct 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

BFB

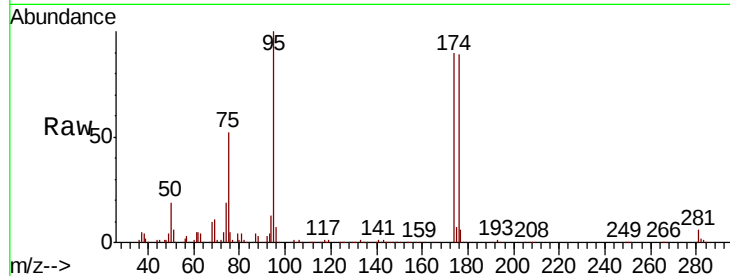
Tgt Ion: 95 Resp: 139597

Ion Ratio Lower Upper

95 100

174 95.1 0.0 186.0

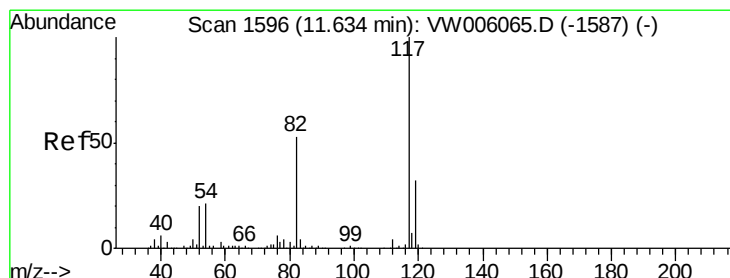
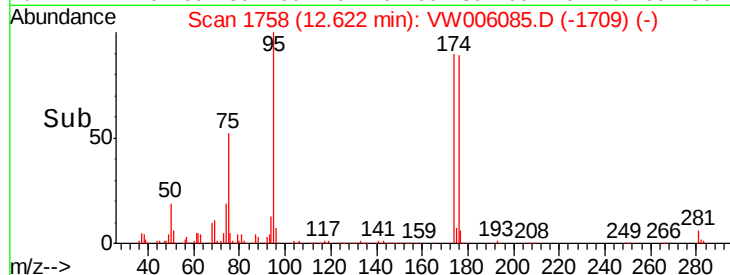
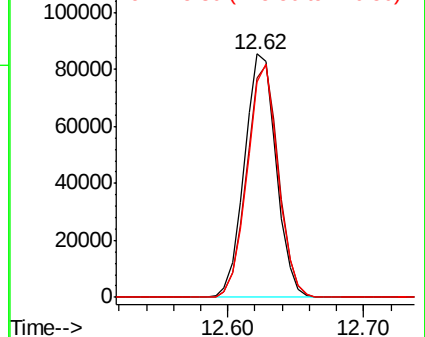
176 92.8 0.0 181.6



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: VW006085.D

Acq: 16 Oct 2018 18:01

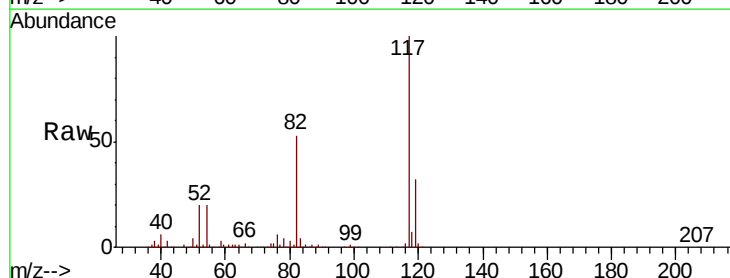
Tgt Ion: 117 Resp: 362455

Ion Ratio Lower Upper

117 100

82 53.0 42.1 63.1

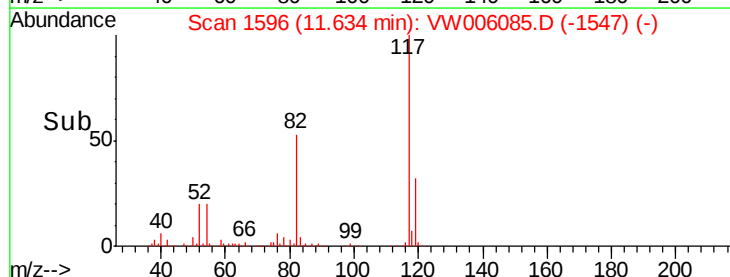
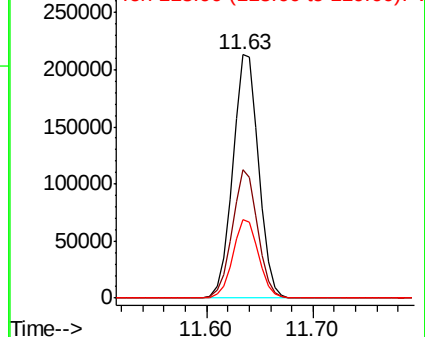
119 32.0 25.8 38.6

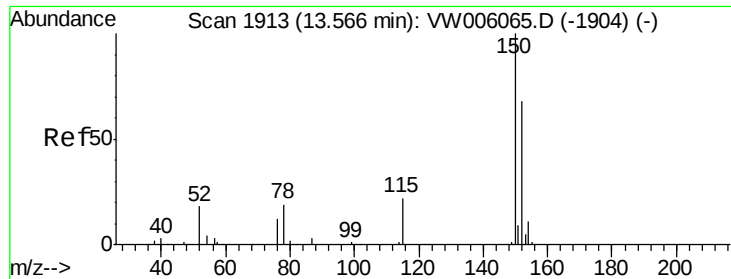


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



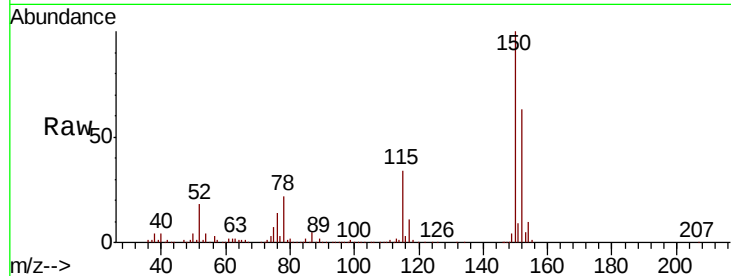


#72

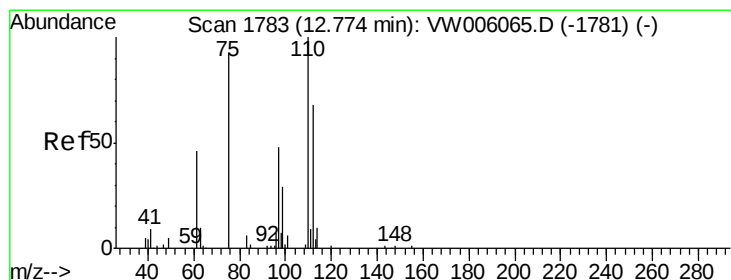
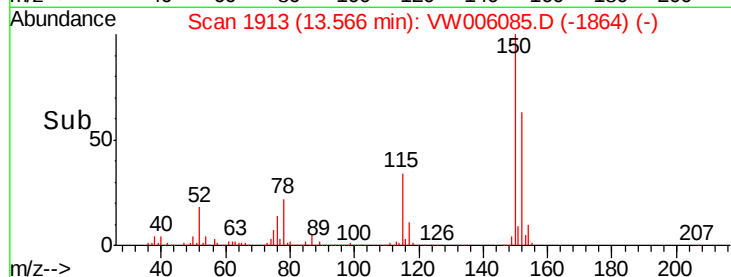
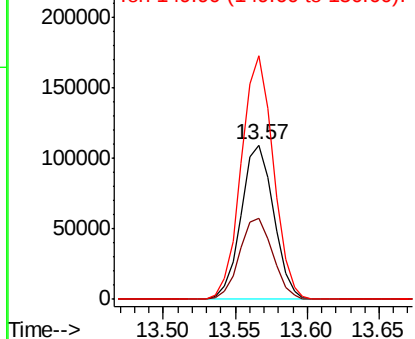
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006085.D
Acq: 16 Oct 2018 18:01

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion:152 Resp: 171442
Ion Ratio Lower Upper
152 100
115 54.0 27.8 83.3
150 155.9 0.0 349.2



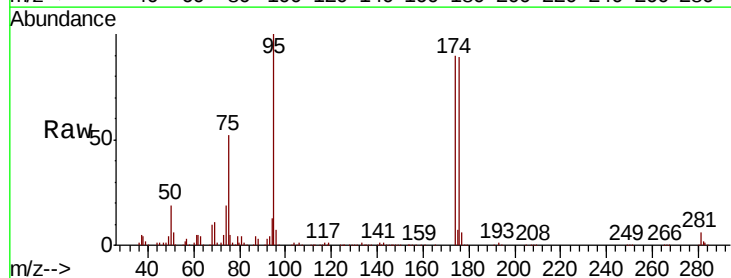
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



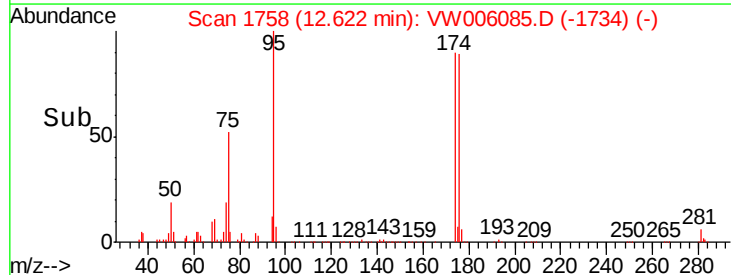
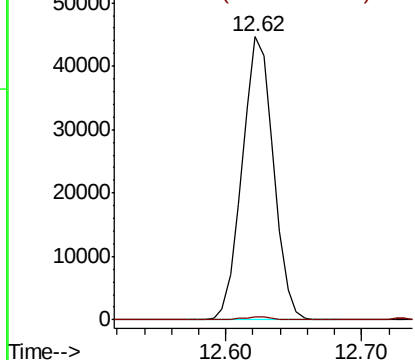
#76

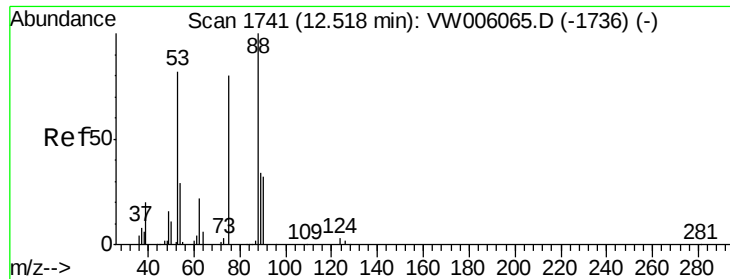
1,2,3-Trichloropropane
Concen: 54.755 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006085.D
Acq: 16 Oct 2018 18:01

Tgt Ion: 75 Resp: 71700
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 130.885 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006085.D

Acq: 16 Oct 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

BFB

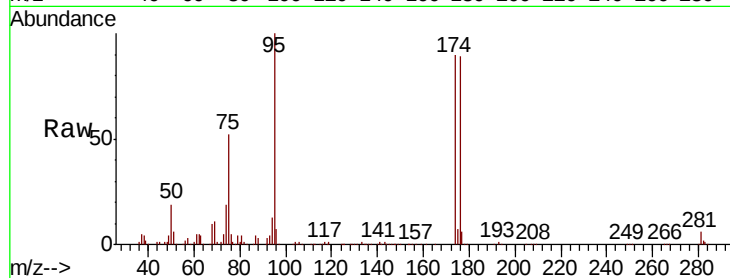
Tgt Ion: 75 Resp: 71700

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

