

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006592.D
 Acq On : 02 Nov 2018 07:11
 Operator : SY/AP
 Sample : J5734-04RE
 Misc : 5.16G/5ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-22(4-6)

Quant Time: Nov 02 08:00:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

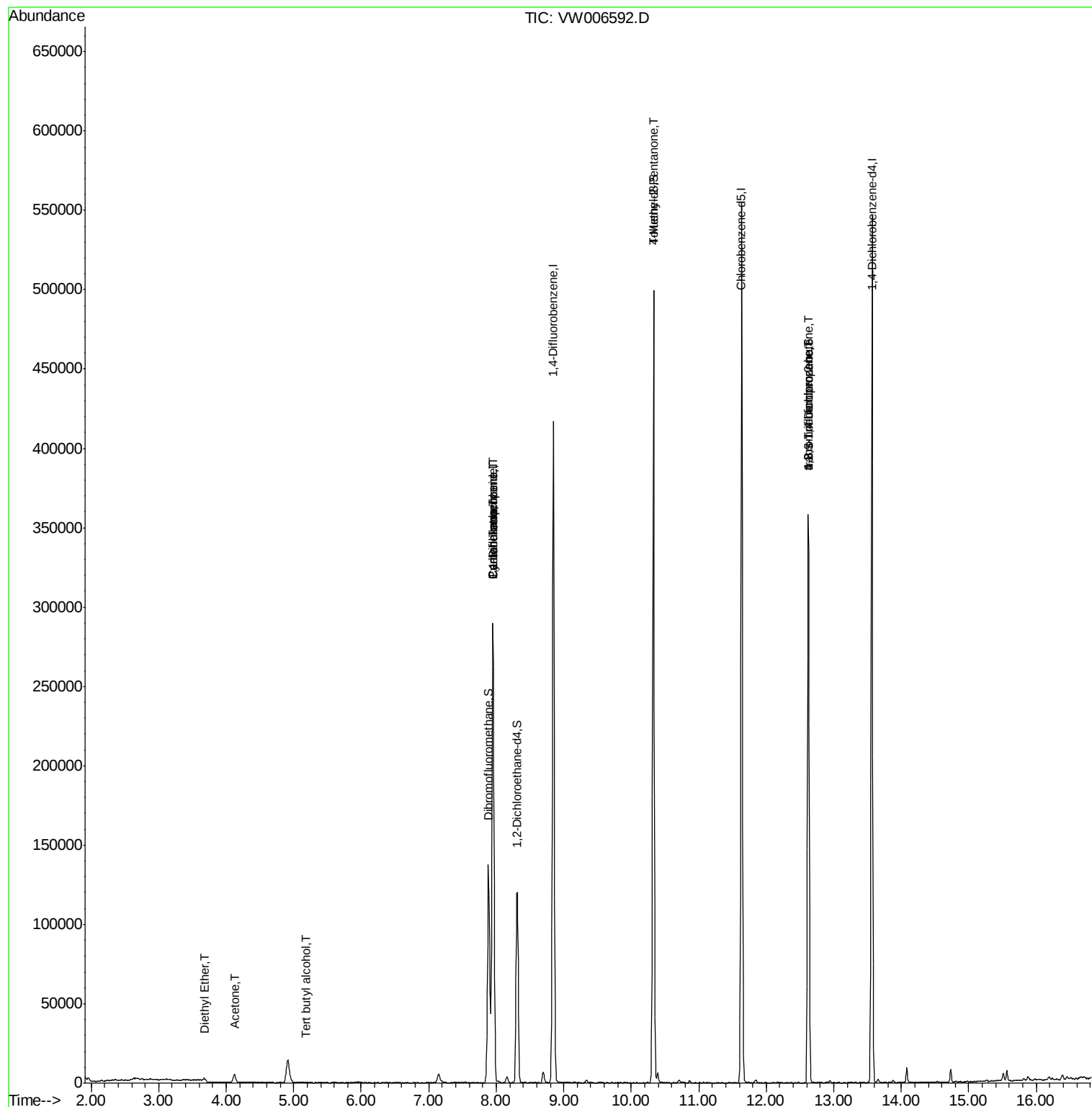
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	370707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	329427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	96592	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
35) Dibromofluoromethane	7.88	113	97438	41.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.76%	
50) Toluene-d8	10.33	98	337494	38.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.22%	
62) 4-Bromofluorobenzene	12.62	95	109586	34.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.26%	
Target Compounds						
8) Diethyl Ether	3.68	74	1446	1.423	ug/l	81
11) Tert butyl alcohol	5.18	59	125	1.148	ug/l #	84
16) Acetone	4.12	43	9180	28.148	ug/l	99
20) Methylene Chloride	4.92	84	12574	Below Cal		96
31) Cyclohexane	7.95	56	4260	1.324	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	14915	4.575	ug/l #	47
38) Carbon Tetrachloride	7.95	117	20727	6.085	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	1314	1.135	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	53002	44.455	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	53002	111.660	ug/l #	11

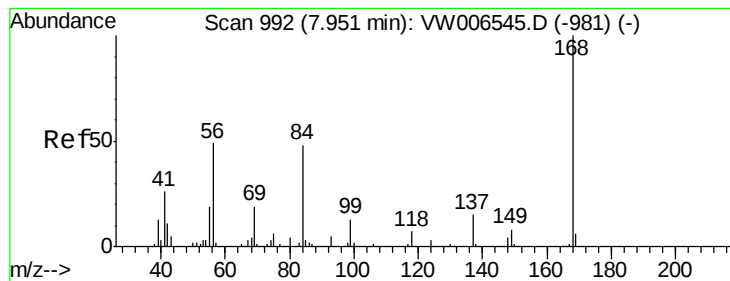
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006592.D

Acq: 02 Nov 2018 07:11

Instrument :

MSVOA_W

ClientSampleId :

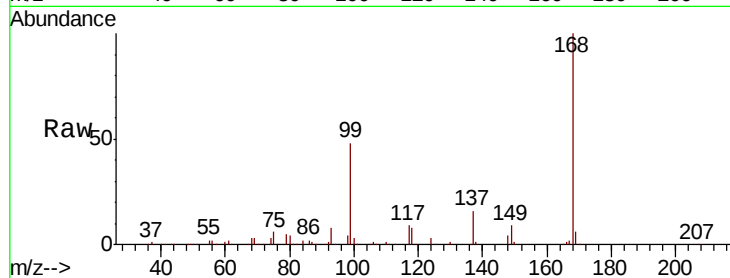
B-22(4-6)

Tgt Ion:168 Resp: 234998

Ion Ratio Lower Upper

168 100

99 47.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

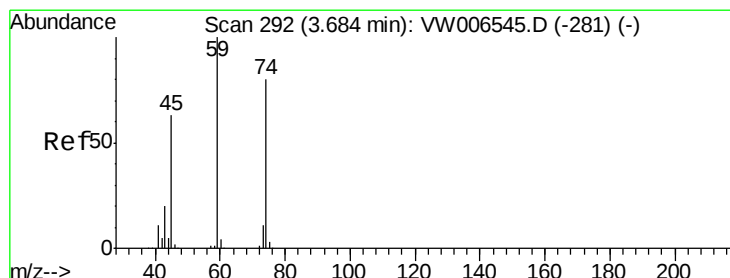
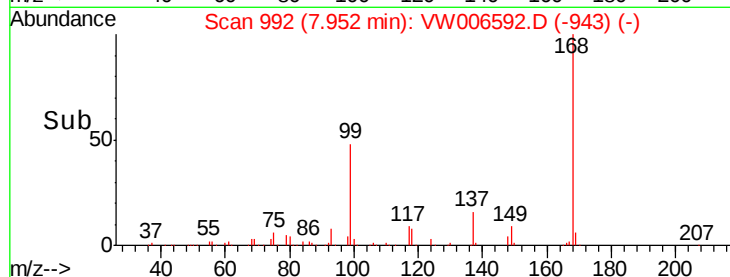
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.423 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006592.D

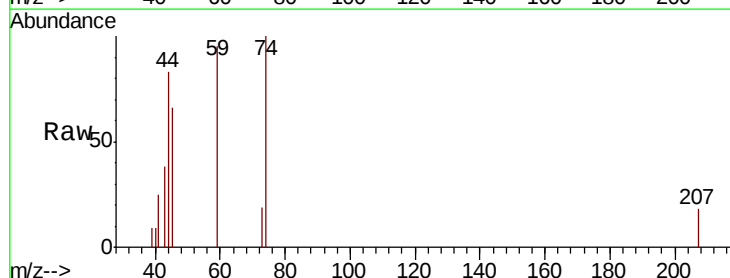
Acq: 02 Nov 2018 07:11

Tgt Ion: 74 Resp: 1446

Ion Ratio Lower Upper

74 100

45 98.9 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

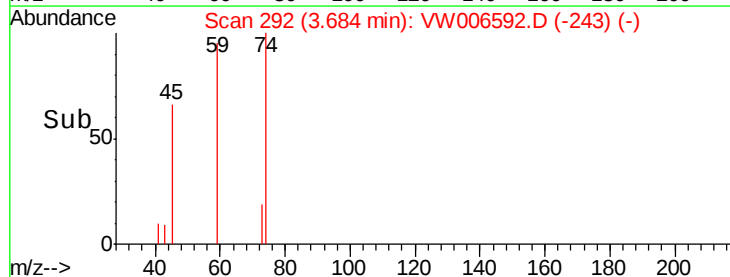
600

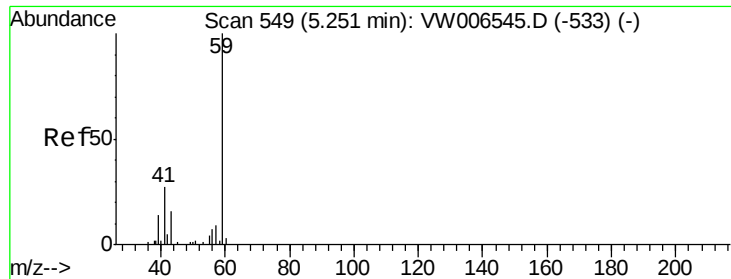
400

200

0

Time--> 3.60 3.65 3.70 3.75

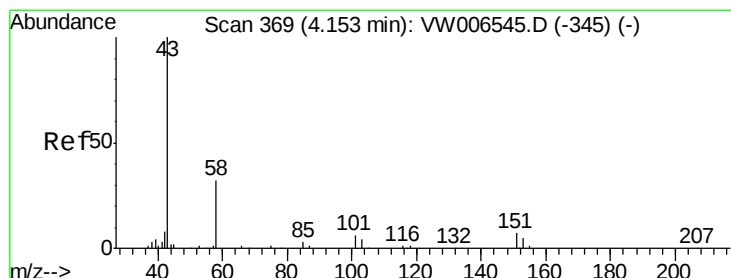
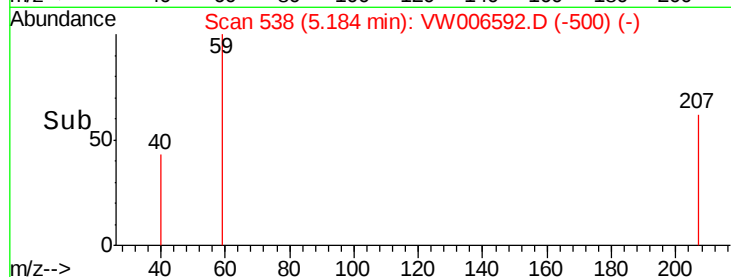
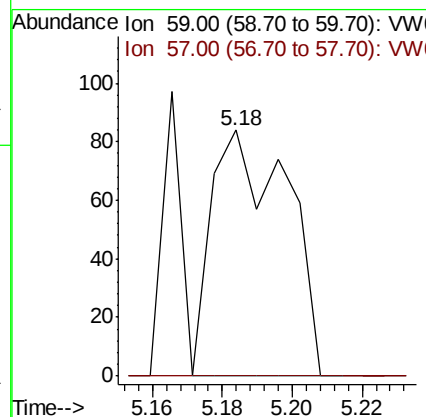
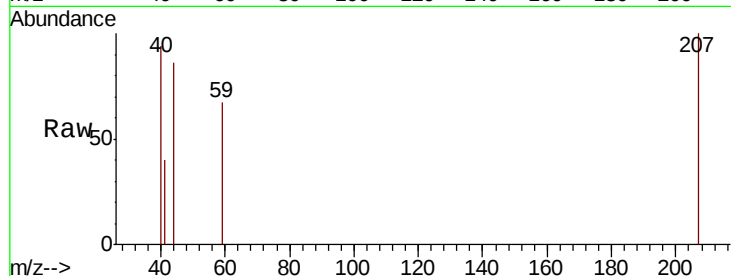




#11
Tert butyl alcohol
Concen: 1.148 ug/l
RT: 5.18 min Scan# 538
Delta R.T. -0.07 min
Lab File: VW006592.D
Acq: 02 Nov 2018 07:11

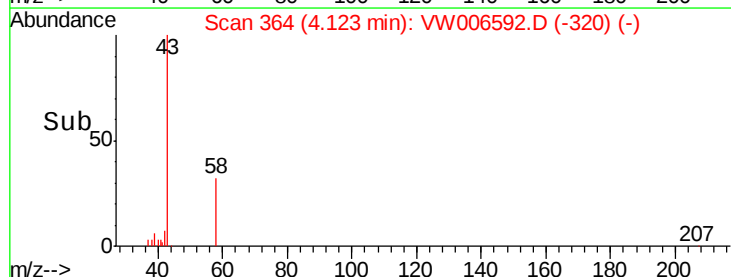
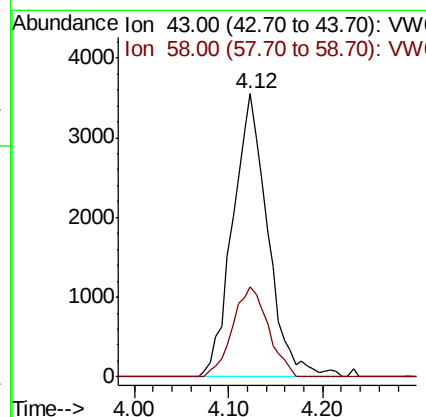
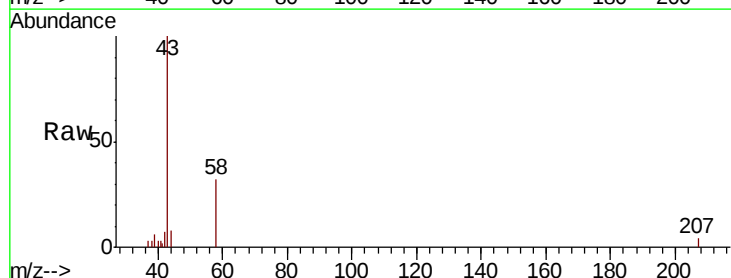
Instrument :
MSVOA_W
ClientSampled :
B-22(4-6)

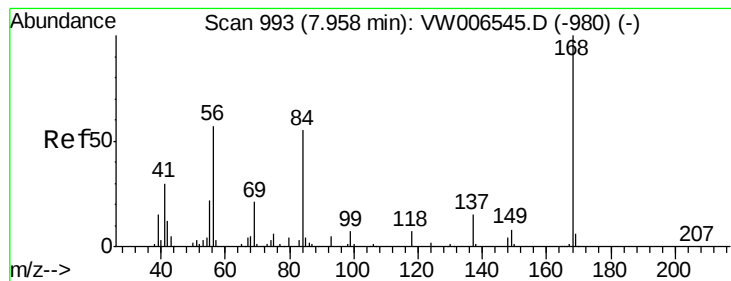
Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#16
Acetone
Concen: 28.148 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VW006592.D
Acq: 02 Nov 2018 07:11

Tgt Ion: 43 Resp: 9180
Ion Ratio Lower Upper
43 100
58 31.7 25.8 38.8





#31

Cyclohexane

Concen: 1.324 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006592.D

Acq: 02 Nov 2018 07:11

Instrument :

MSVOA_W

ClientSampleId :

B-22(4-6)

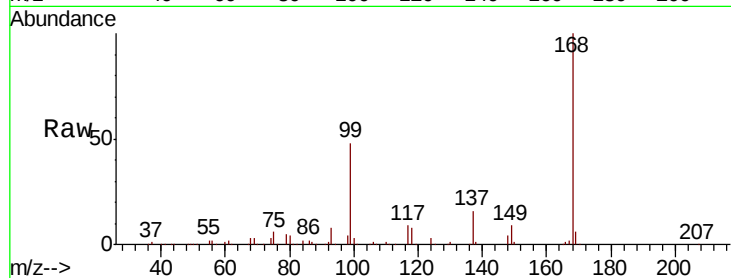
Tgt Ion: 56 Resp: 4260

Ion Ratio Lower Upper

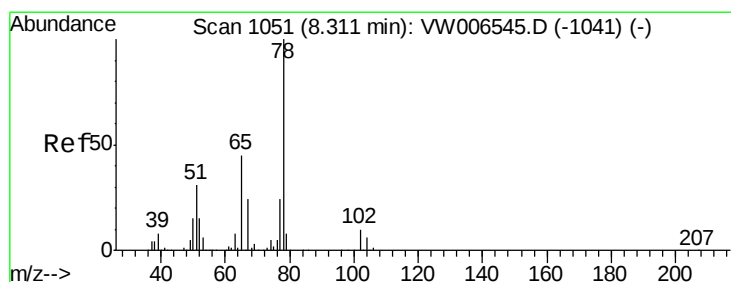
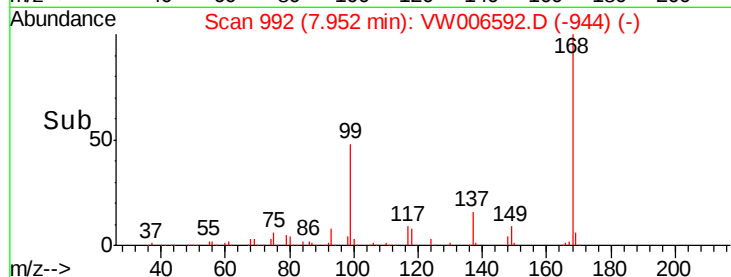
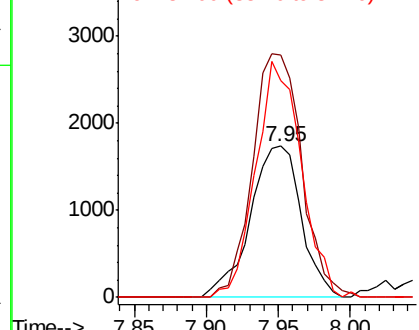
56 100

69 160.5 29.0 43.4#

84 143.6 77.8 116.6#



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: 47.817 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006592.D

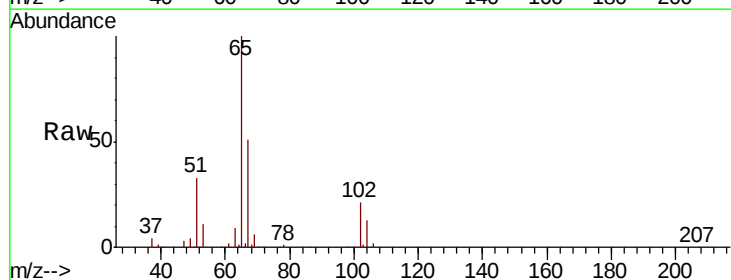
Acq: 02 Nov 2018 07:11

Tgt Ion: 65 Resp: 96592

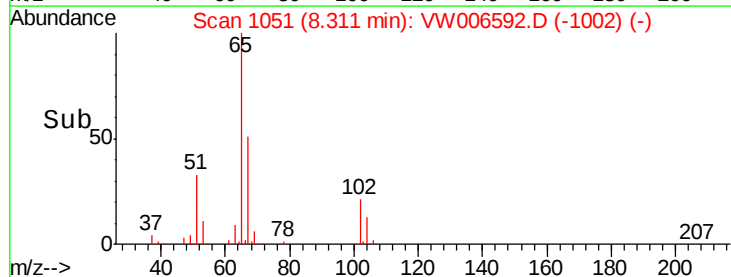
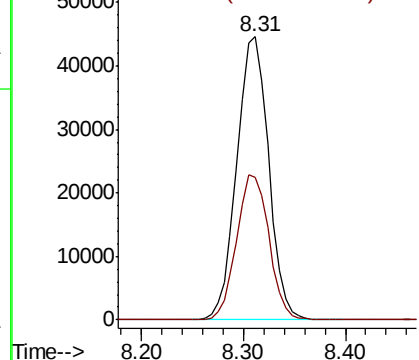
Ion Ratio Lower Upper

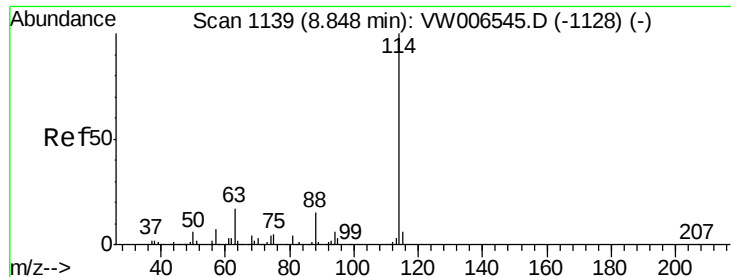
65 100

67 52.0 0.0 104.4



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

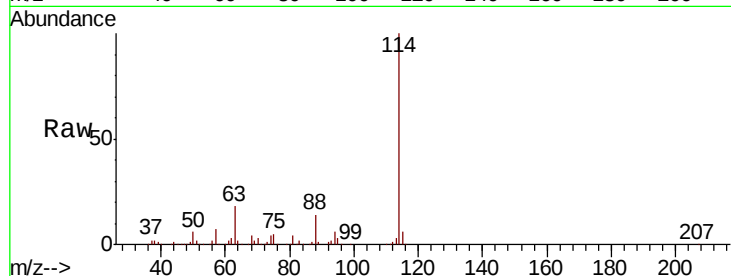




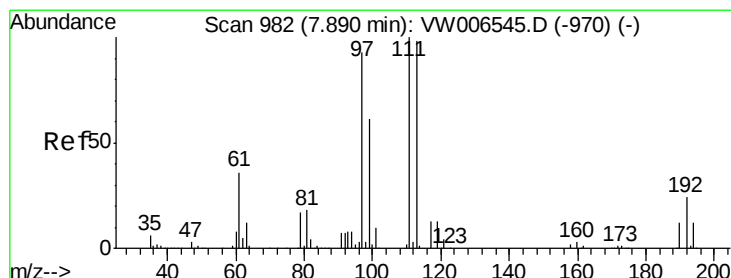
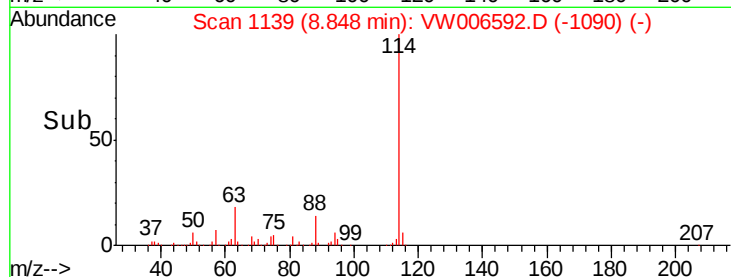
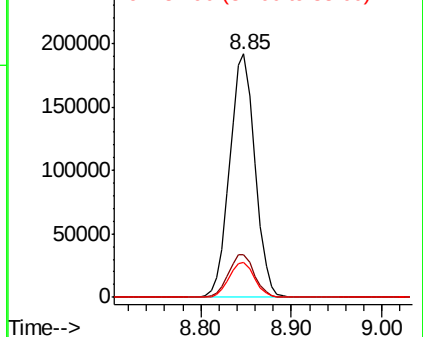
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006592.D
 Acq: 02 Nov 2018 07:11

Instrument :
 MSVOA_W
 ClientSampleId :
 B-22(4-6)

Tgt Ion:114 Resp: 370707
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 14.3 0.0 29.0

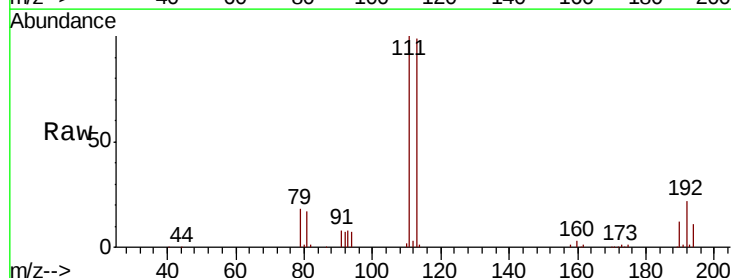


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

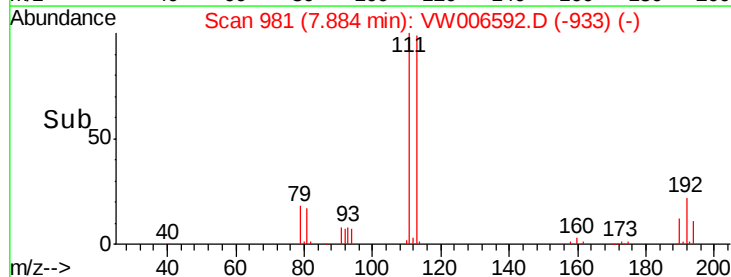
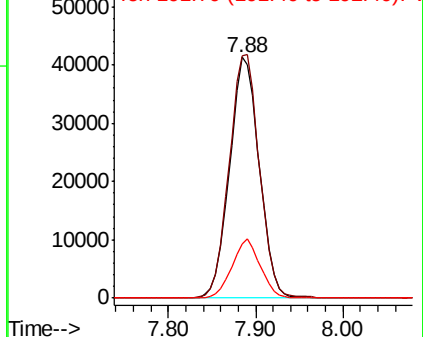


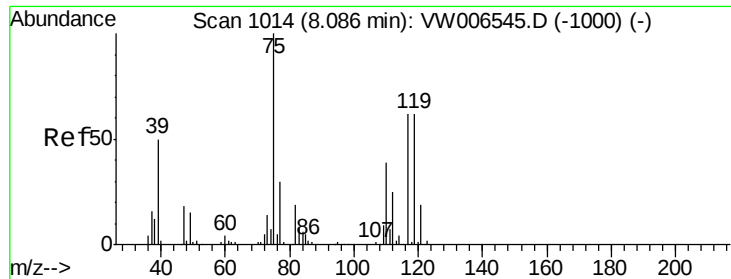
#35
 Dibromofluoromethane
 Concen: 41.882 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006592.D
 Acq: 02 Nov 2018 07:11

Tgt Ion:113 Resp: 97438
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 23.3 19.0 28.6



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

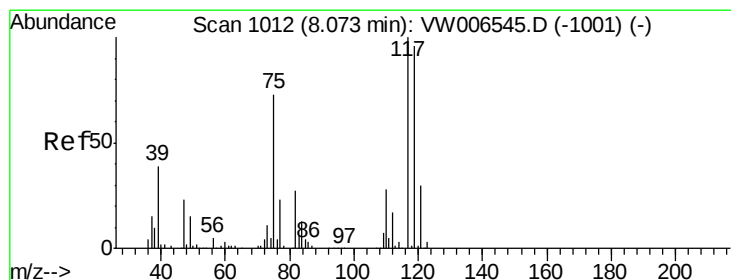
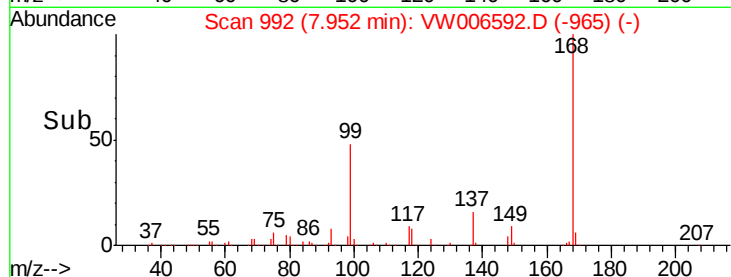
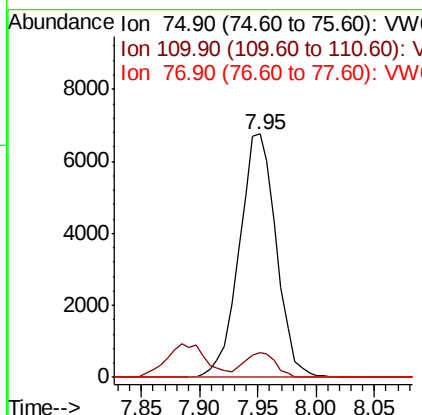
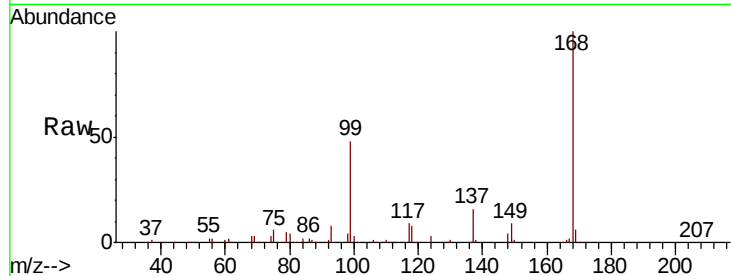




#36
 1,1-Dichloropropene
 Concen: 4.575 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006592.D
 Acq: 02 Nov 2018 07:11

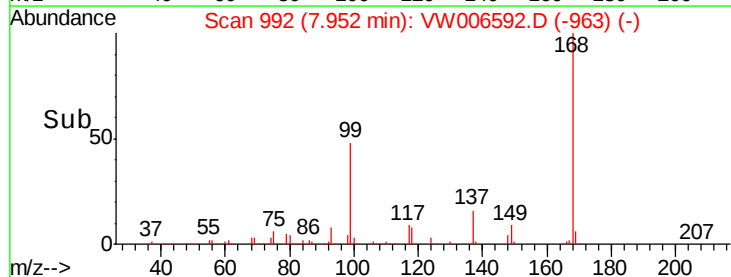
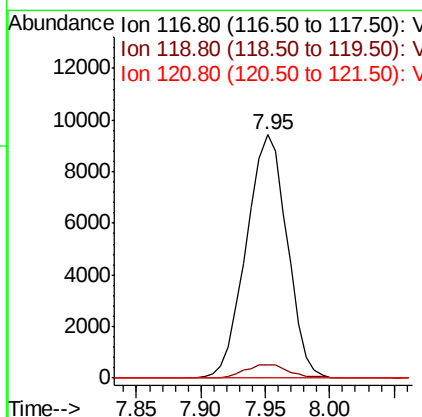
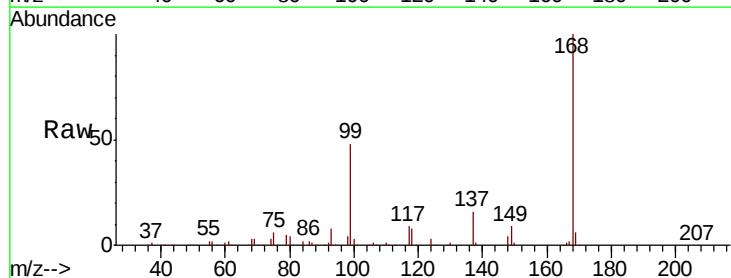
Instrument :
 MSVOA_W
 ClientSampled :
 B-22(4-6)

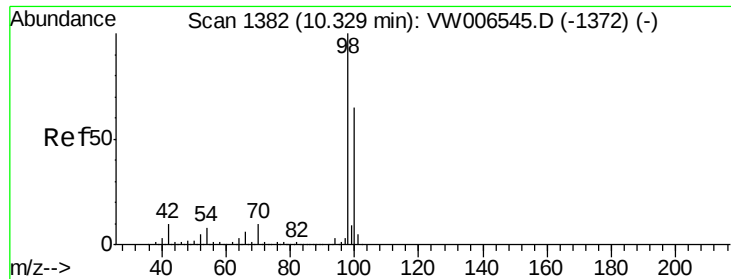
Tgt Ion: 75 Resp: 14915
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.085 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006592.D
 Acq: 02 Nov 2018 07:11

Tgt Ion: 117 Resp: 20727
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.3 114.5#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 38.107 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006592.D

Acq: 02 Nov 2018 07:11

Instrument :

MSVOA_W

ClientSampled :

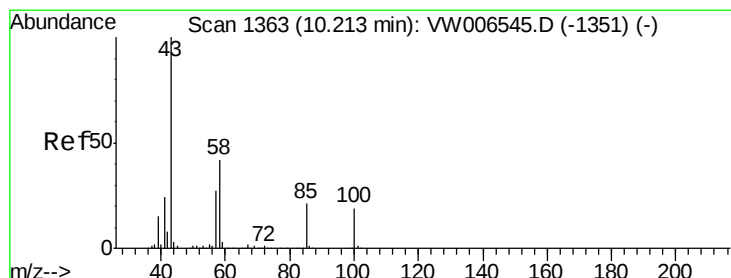
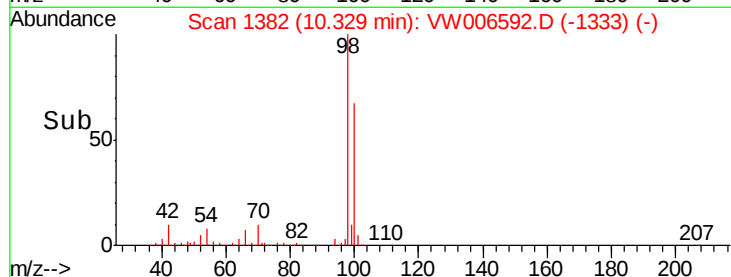
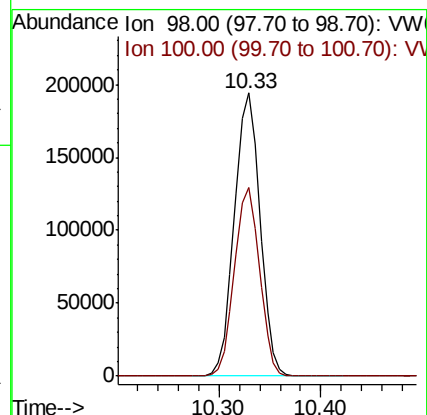
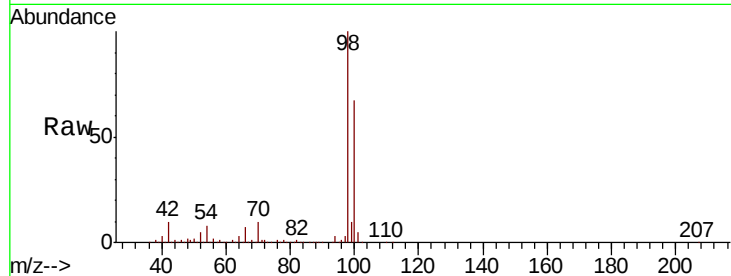
B-22(4-6)

Tgt Ion: 98 Resp: 337494

Ion Ratio Lower Upper

98 100

100 65.3 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.135 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006592.D

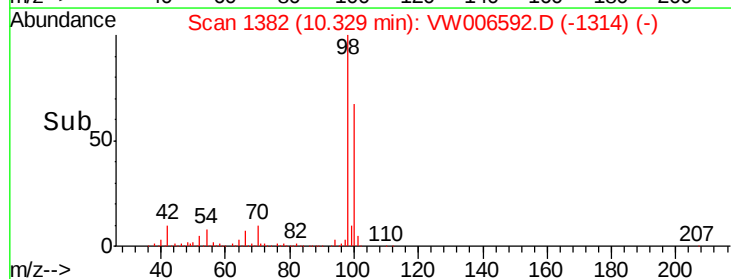
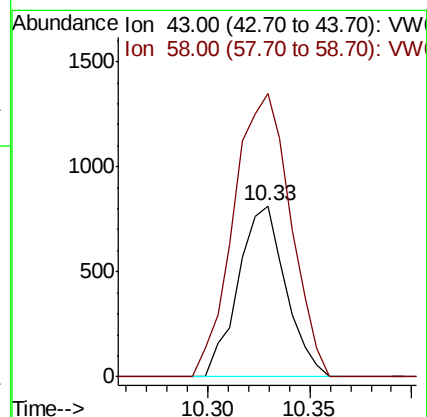
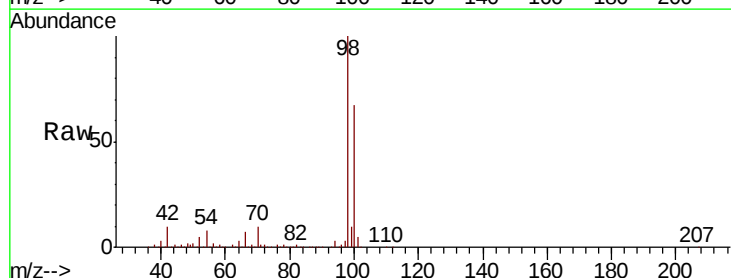
Acq: 02 Nov 2018 07:11

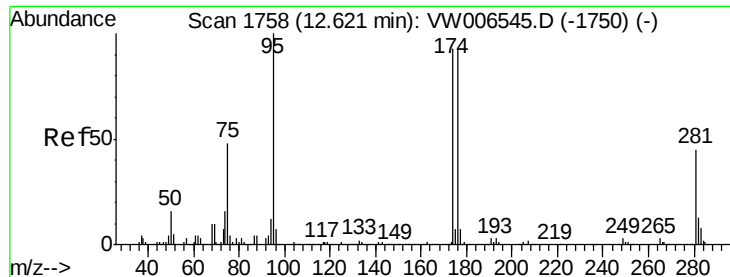
Tgt Ion: 43 Resp: 1314

Ion Ratio Lower Upper

43 100

58 198.6 33.4 50.0#





#62

4-Bromofluorobenzene

Concen: 34.130 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006592.D

Acq: 02 Nov 2018 07:11

Instrument :

MSVOA_W

ClientSampleId :

B-22(4-6)

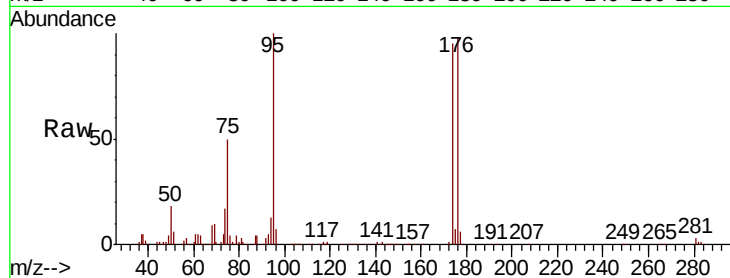
Tgt Ion: 95 Resp: 109586

Ion Ratio Lower Upper

95 100

174 98.1 0.0 192.4

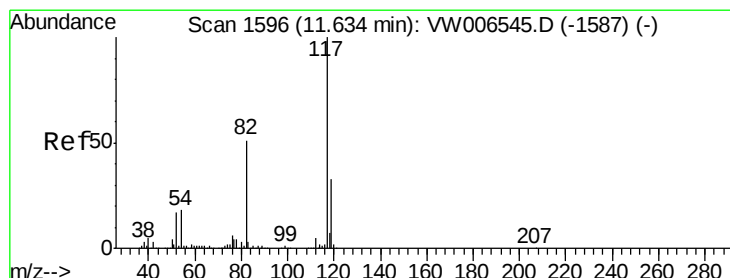
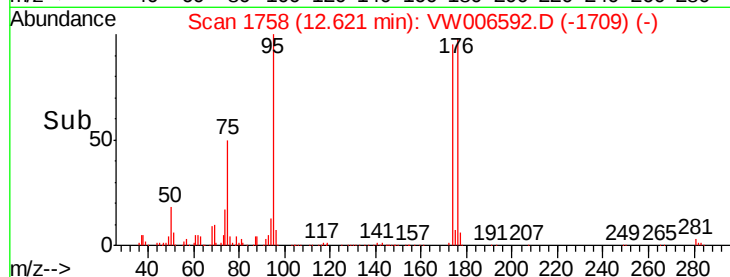
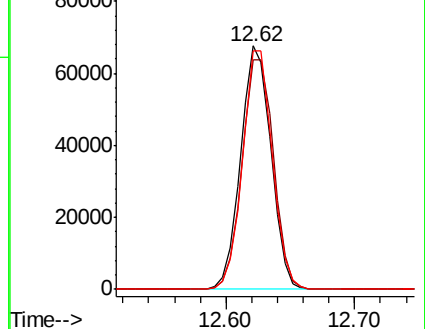
176 96.8 0.0 187.4



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: VW006592.D

Acq: 02 Nov 2018 07:11

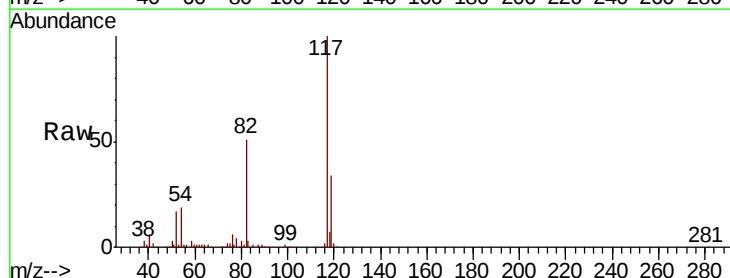
Tgt Ion: 117 Resp: 329427

Ion Ratio Lower Upper

117 100

82 50.8 40.8 61.2

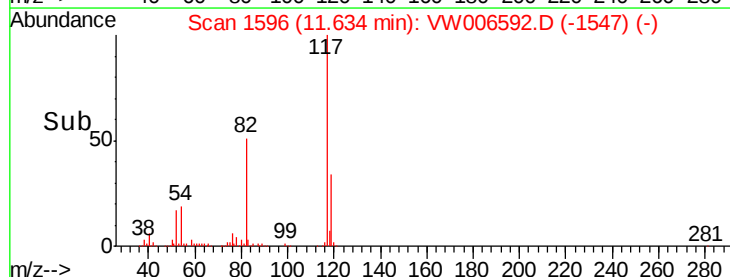
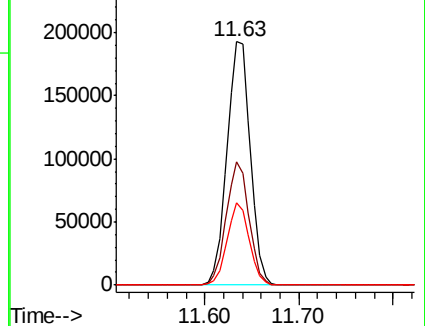
119 34.0 26.1 39.1

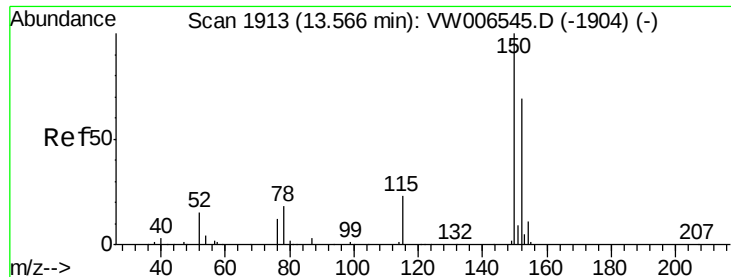


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006592.D

Acq: 02 Nov 2018 07:11

Instrument :

MSVOA_W

ClientSampleId :

B-22(4-6)

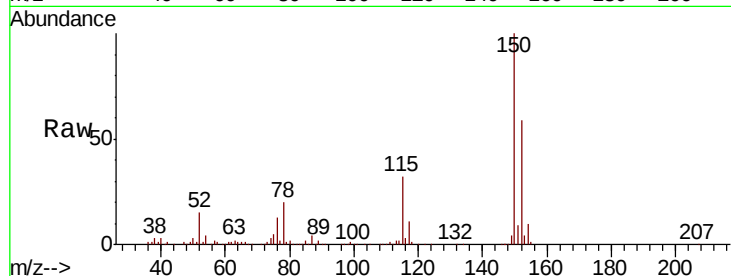
Tgt Ion:152 Resp: 152809

Ion Ratio Lower Upper

152 100

115 55.0 26.6 79.8

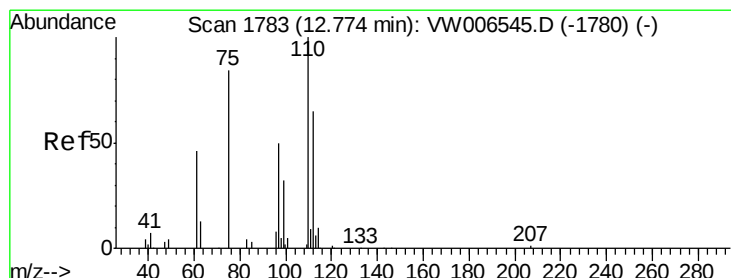
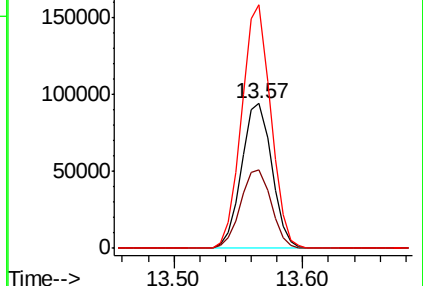
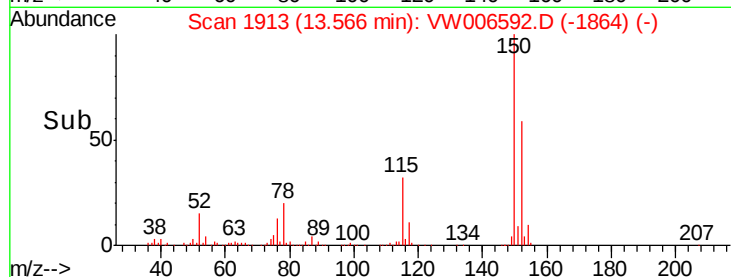
150 161.3 0.0 344.6



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: 44.455 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006592.D

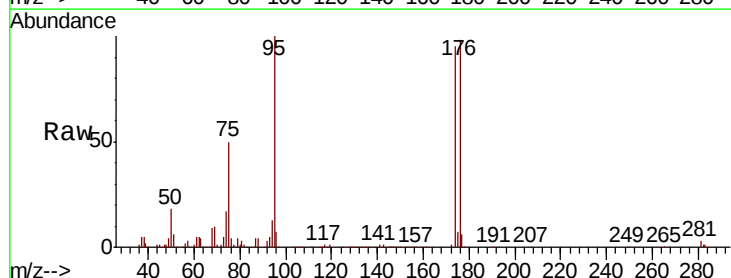
Acq: 02 Nov 2018 07:11

Tgt Ion: 75 Resp: 53002

Ion Ratio Lower Upper

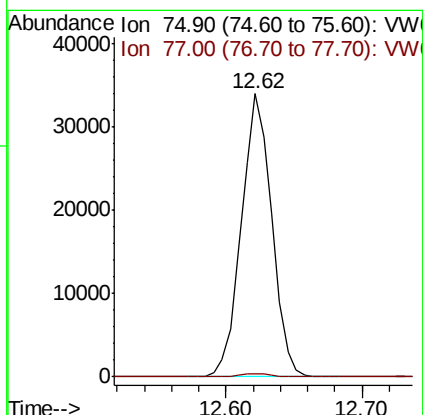
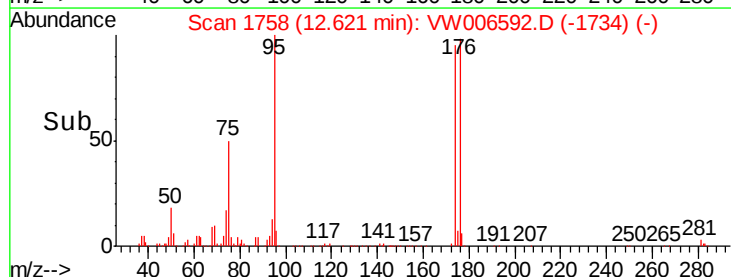
75 100

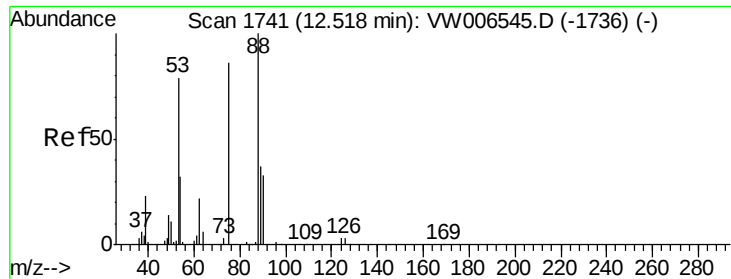
77 1.3 0.0 0.0#



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: 111.660 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006592.D

Acq: 02 Nov 2018 07:11

Instrument :

MSVOA_W

ClientSampleId :

B-22(4-6)

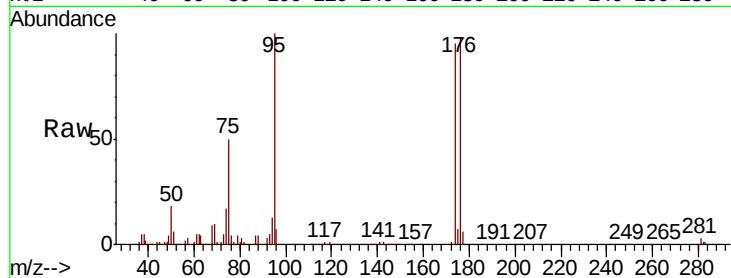
Tgt Ion: 75 Resp: 53002

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



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

