

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006707.D
 Acq On : 07 Nov 2018 02:02
 Operator : SY/AP
 Sample : VW1106SBL02
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBL02

Quant Time: Nov 07 11:31:09 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

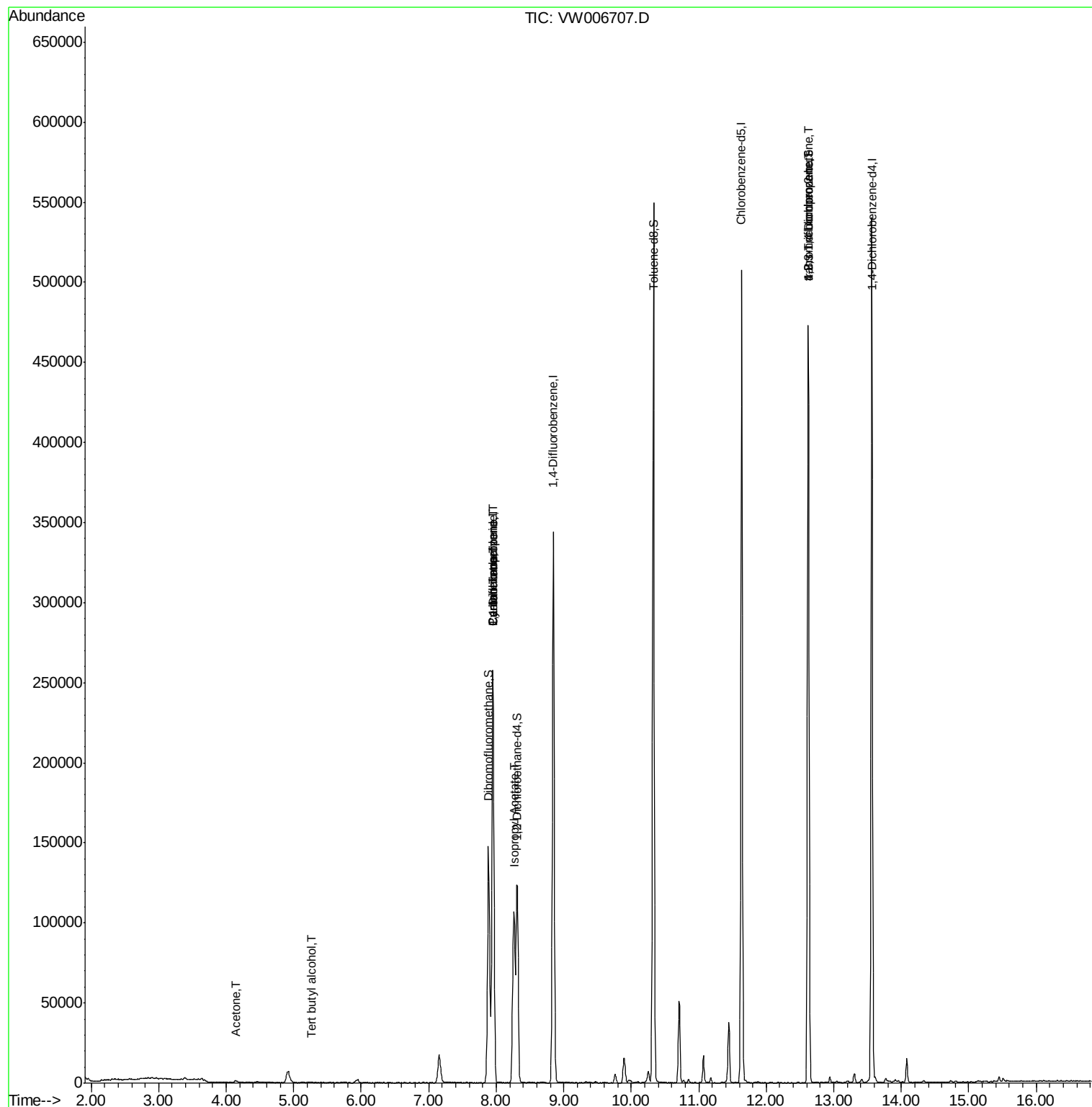
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	314813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	157128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100762	55.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.34%	
35) Dibromofluoromethane	7.89	113	104465	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
50) Toluene-d8	10.33	98	378134	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	131495	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.25	59	151	1.548	ug/l #	84
16) Acetone	4.15	43	2228	7.625	ug/l #	83
20) Methylene Chloride	4.92	84	6413	Below Cal		92
31) Cyclohexane	7.95	56	3445	1.195	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	13212	4.772	ug/l #	48
38) Carbon Tetrachloride	7.95	117	18359	6.346	ug/l #	16
43) Isopropyl Acetate	8.26	43	2199	1.149	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	65015	53.032	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	65015	132.690	ug/l #	11

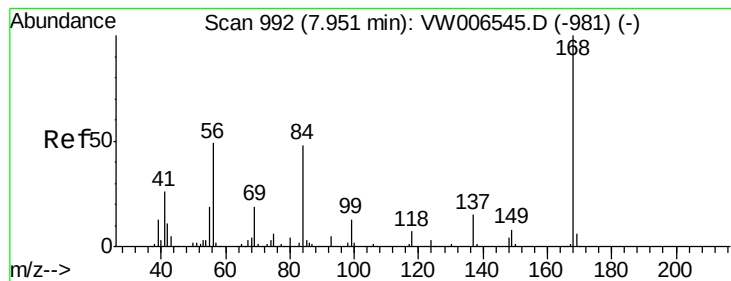
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
Data File : VW006707.D
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ALS Vial : 34 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 07 11:31:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006707.D

Acq: 07 Nov 2018 02:02

Instrument :

MSVOA_W

ClientSampled :

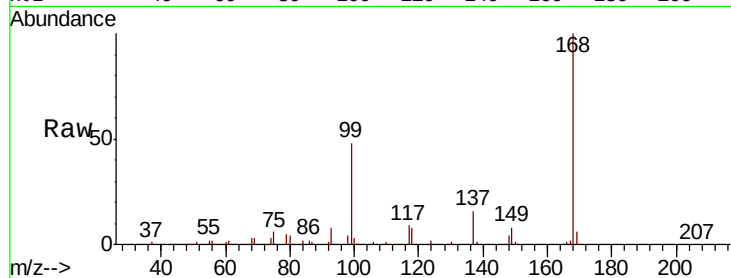
VW1106SBL02

Tot Ion:168 Resp: 210551

Ion Ratio Lower Upper

168 100

99 47.6 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

100000

80000

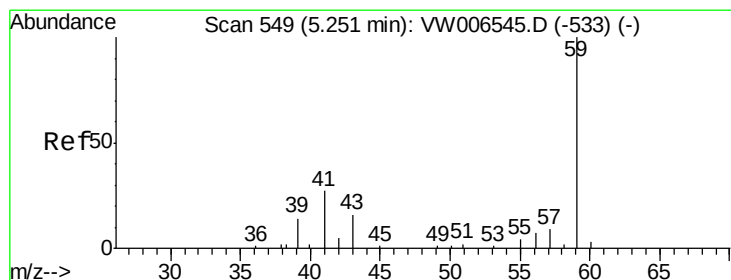
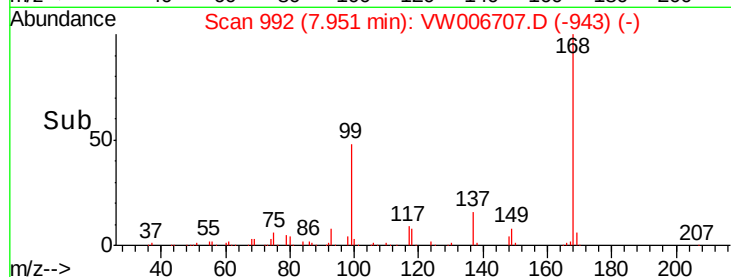
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.548 ug/l

RT: 5.25 min Scan# 549

Delta R.T. 0.00 min

Lab File: VW006707.D

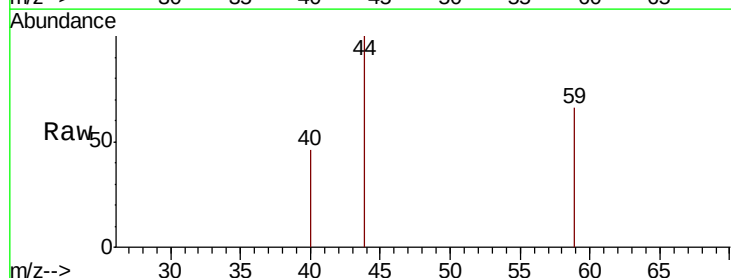
Acq: 07 Nov 2018 02:02

Tgt Ion: 59 Resp: 151

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

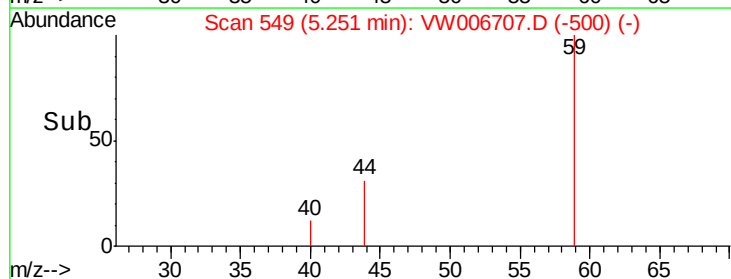
150

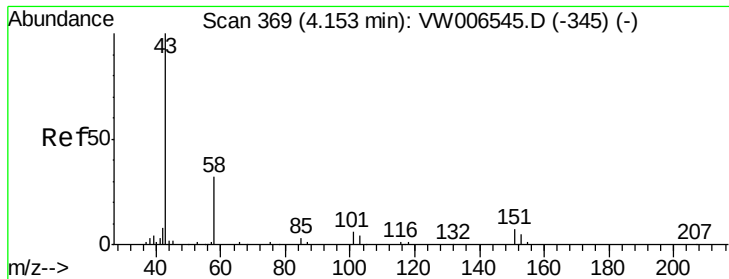
100

50

0

Time--> 5.22 5.24 5.26 5.28

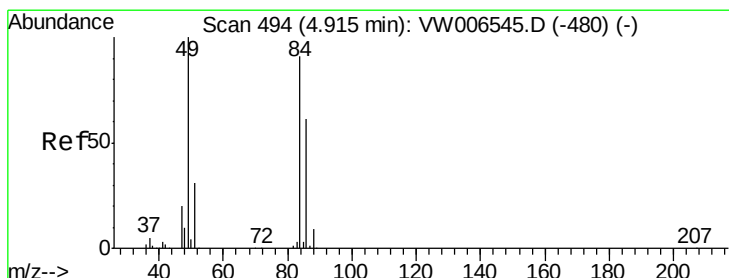
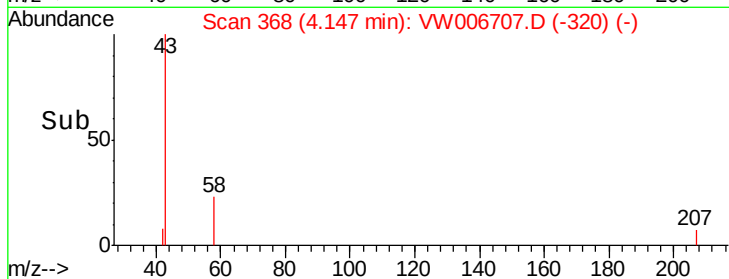
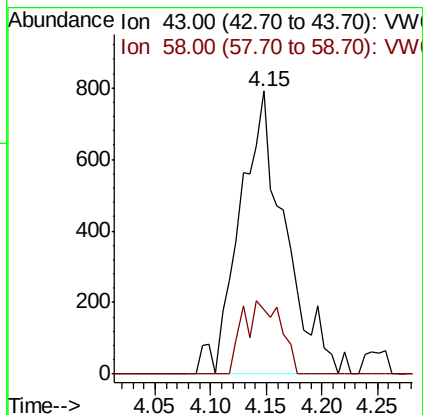
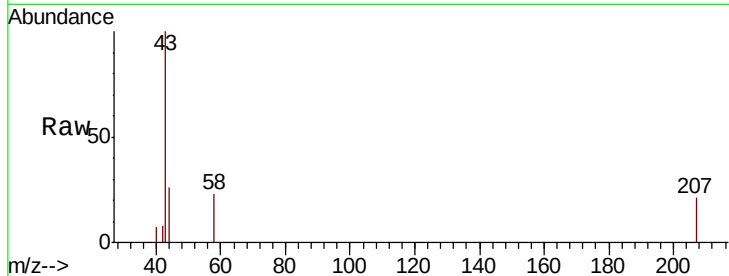




#16
Acetone
Concen: 7.625 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006707.D
Acq: 07 Nov 2018 02:02

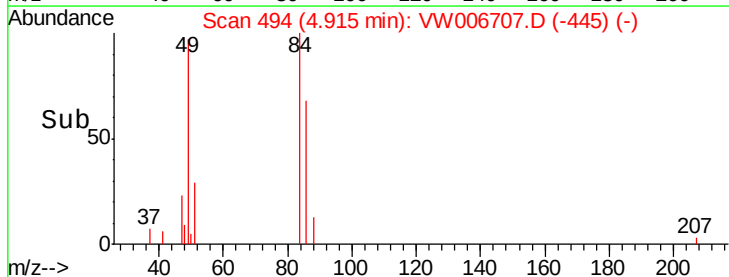
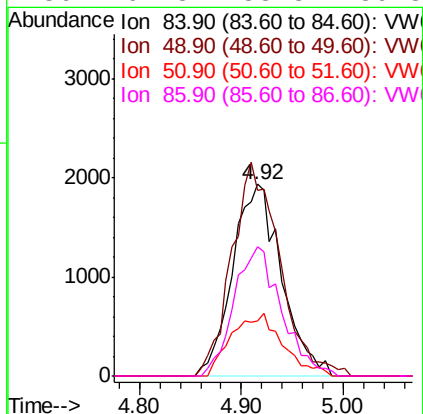
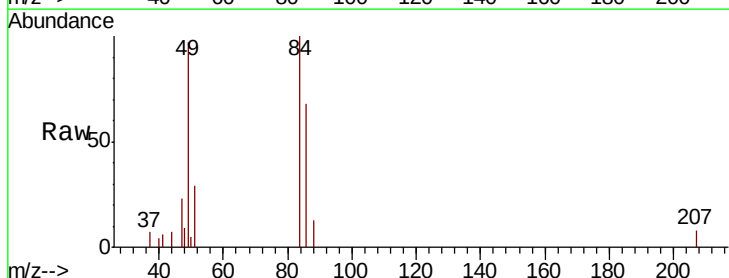
Instrument :
MSVOA_W
ClientSampleId :
VW1106SBL02

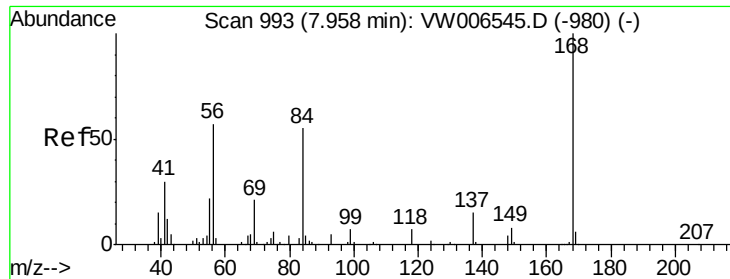
Tot Ion: 43 Resp: 2228
Ion Ratio Lower Upper
43 100
58 22.9 25.8 38.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006707.D
Acq: 07 Nov 2018 02:02

Tgt Ion: 84 Resp: 6413
Ion Ratio Lower Upper
84 100
49 96.8 88.2 132.4
51 28.9 27.0 40.6
86 67.8 53.8 80.8

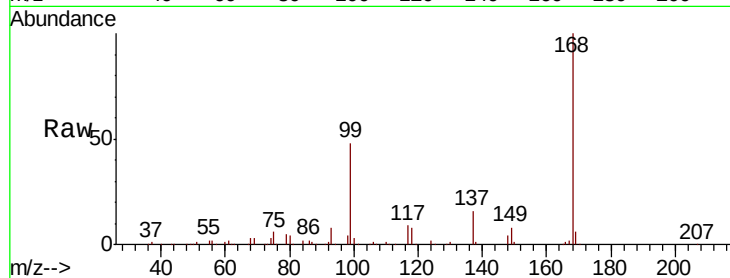




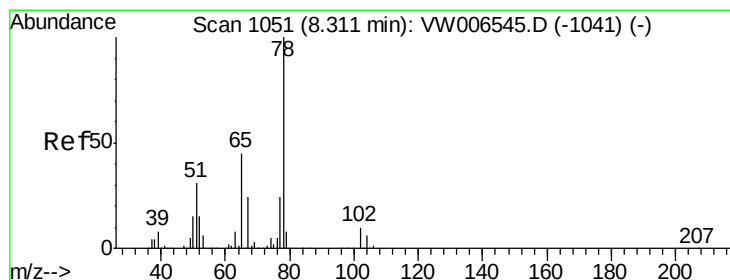
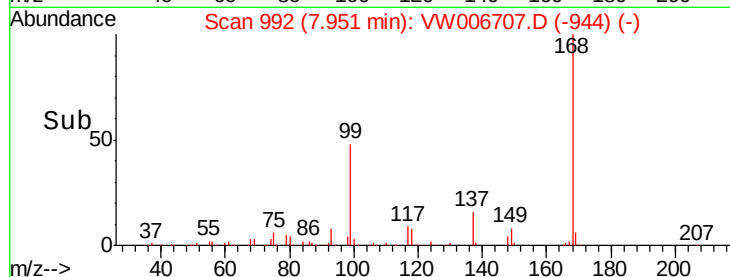
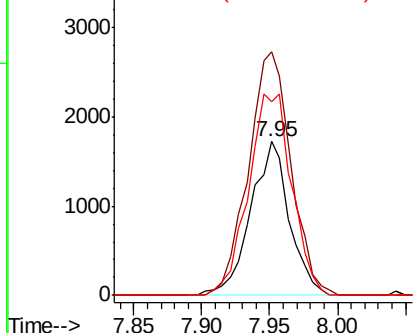
#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006707.D
Acq: 07 Nov 2018 02:02

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBL02

Tot Ion: 56 Resp: 3445
Ion Ratio Lower Upper
56 100
69 158.4 29.0 43.4#
84 125.7 77.8 116.6#

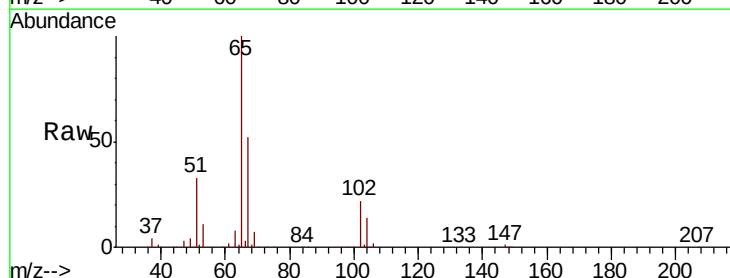


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

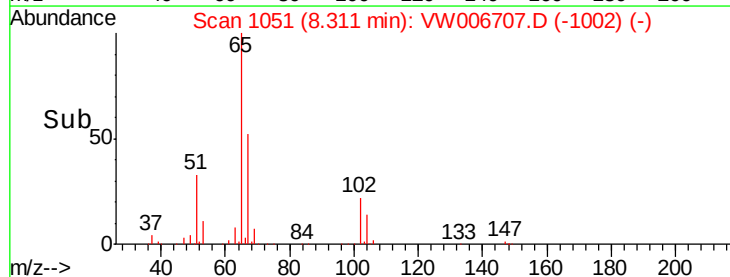
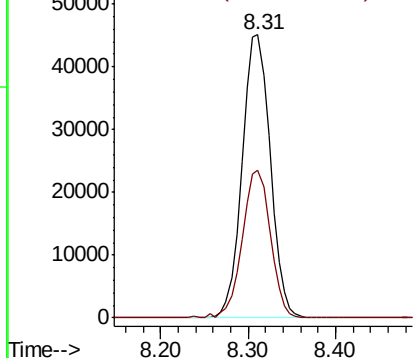


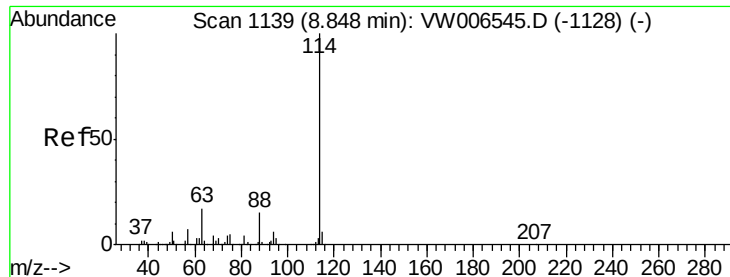
#33
1,2-Dichloroethane-d4
Concen: 55.673 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006707.D
Acq: 07 Nov 2018 02:02

Tgt Ion: 65 Resp: 100762
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.4



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

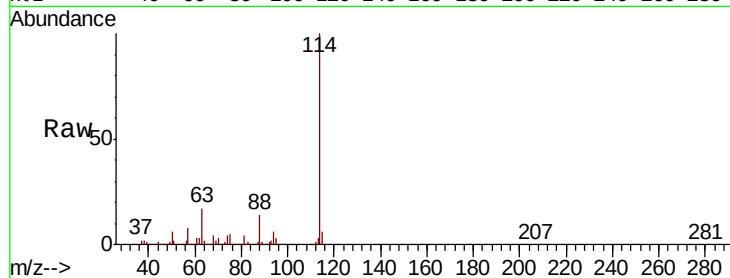




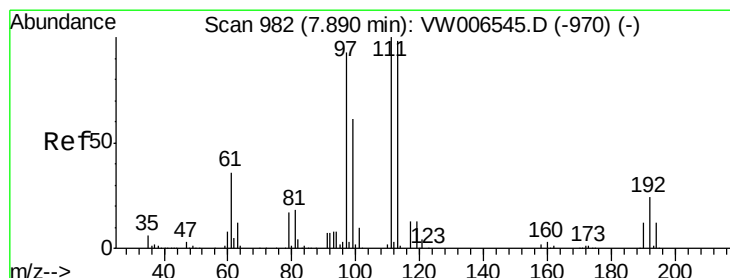
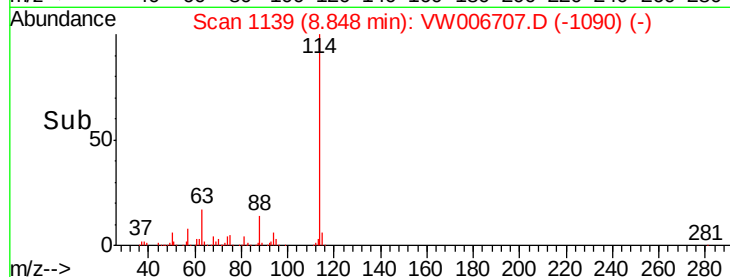
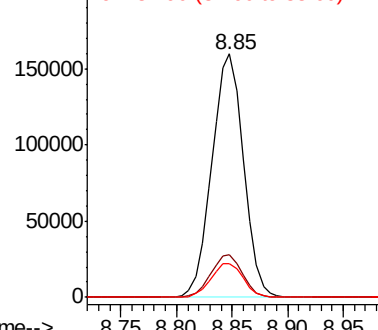
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006707.D
 Acq: 07 Nov 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBL02

Tot Ion:114 Resp: 314813
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.4
 88 13.7 0.0 29.0

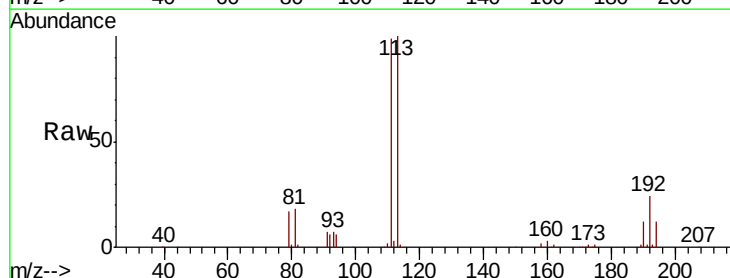


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

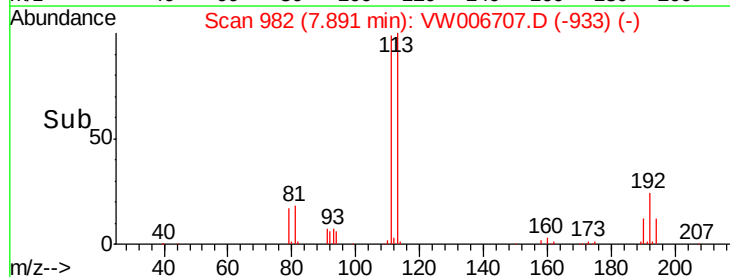
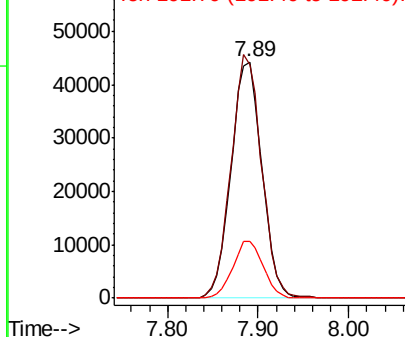


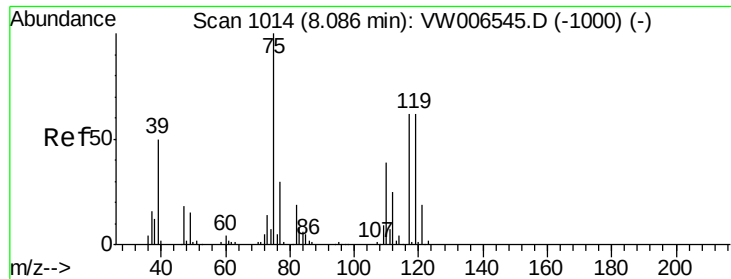
#35
 Dibromofluoromethane
 Concen: 52.875 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006707.D
 Acq: 07 Nov 2018 02:02

Tgt Ion:113 Resp: 104465
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 23.7 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

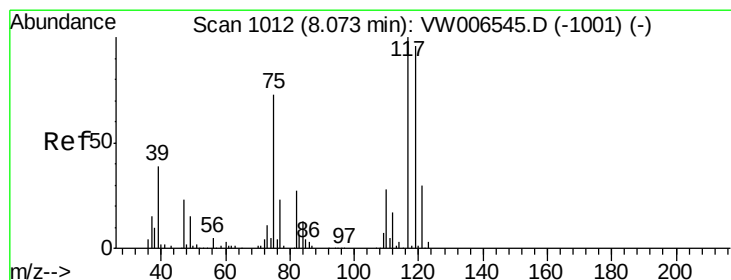
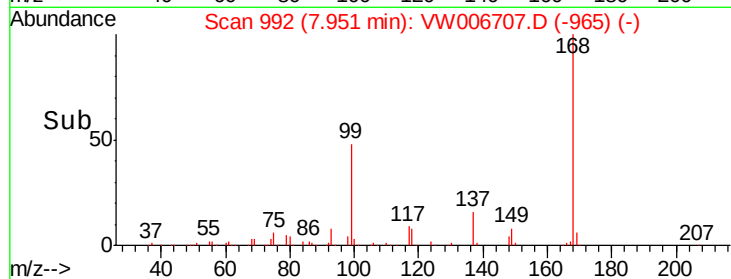
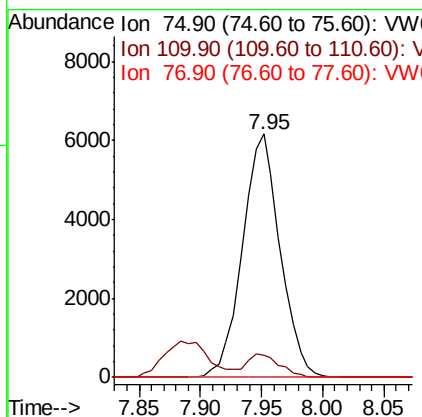
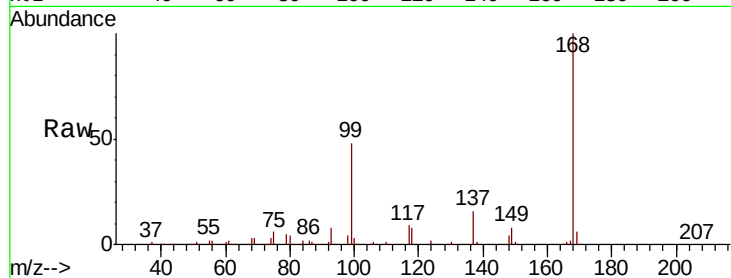




#36
 1,1-Dichloropropene
 Concen: 4.772 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006707.D
 Acq: 07 Nov 2018 02:02

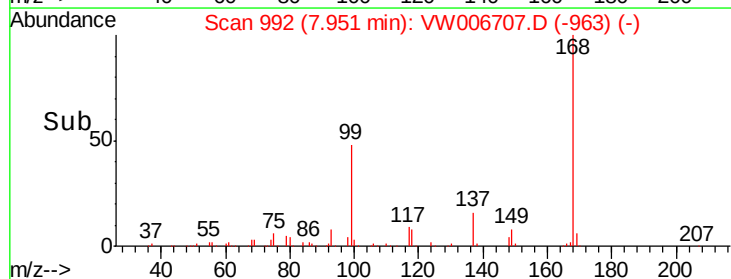
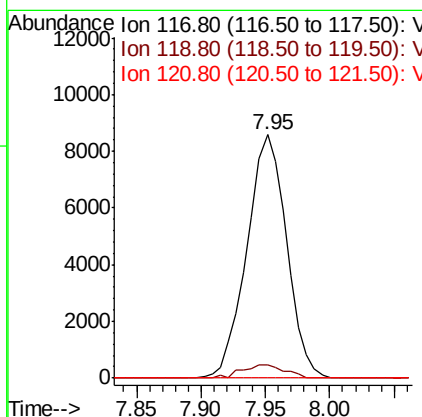
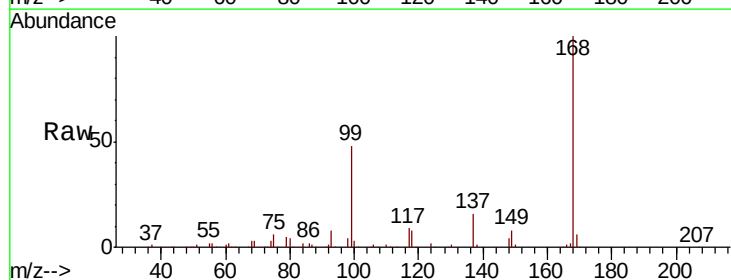
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBL02

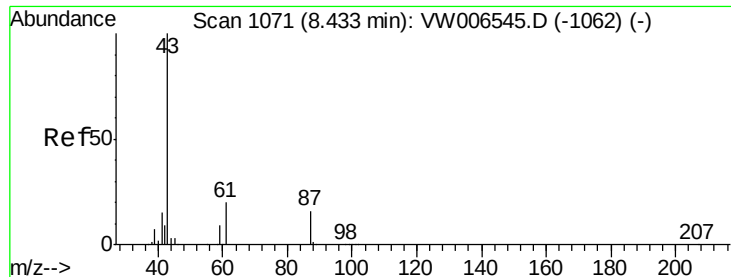
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.346 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006707.D
 Acq: 07 Nov 2018 02:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.3	114.5#
121	0.0	24.1	36.1#





#43

Isopropyl Acetate

Concen: 1.149 ug/l

RT: 8.26 min Scan# 1042

Delta R.T. -0.18 min

Lab File: VW006707.D

Acq: 07 Nov 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBL02

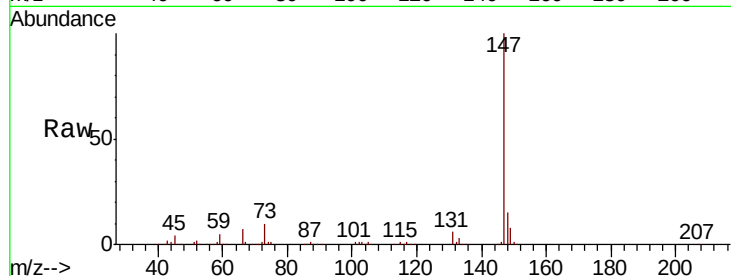
Tot Ion: 43 Resp: 2199

Ion Ratio Lower Upper

43 100

61 16.6 27.2 40.8#

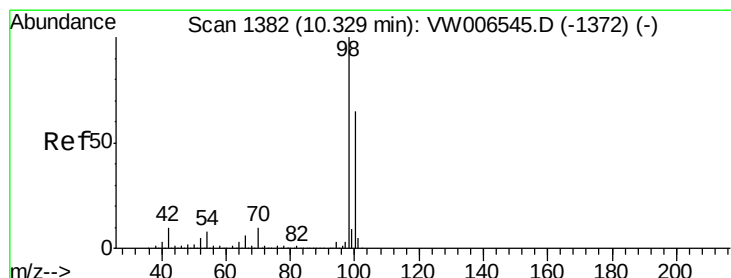
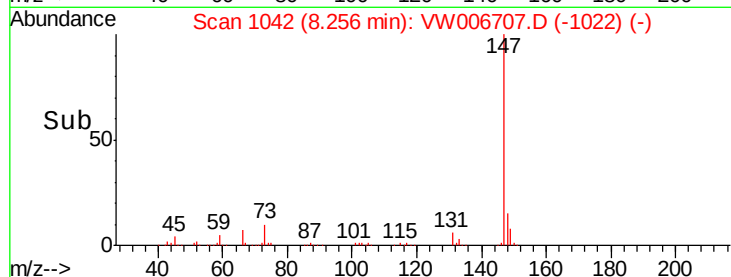
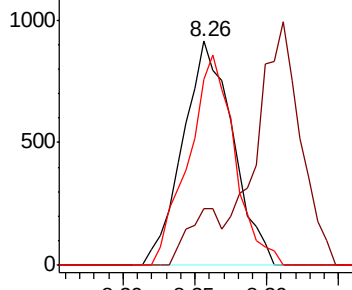
87 86.6 12.9 19.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#50

Toluene-d8

Concen: 50.276 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006707.D

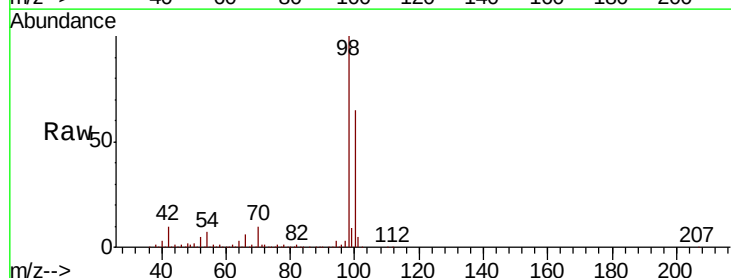
Acq: 07 Nov 2018 02:02

Tgt Ion: 98 Resp: 378134

Ion Ratio Lower Upper

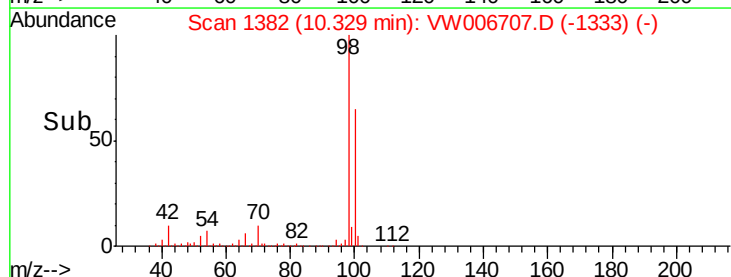
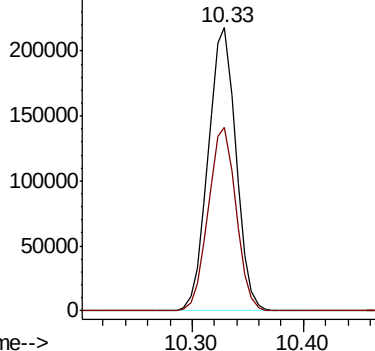
98 100

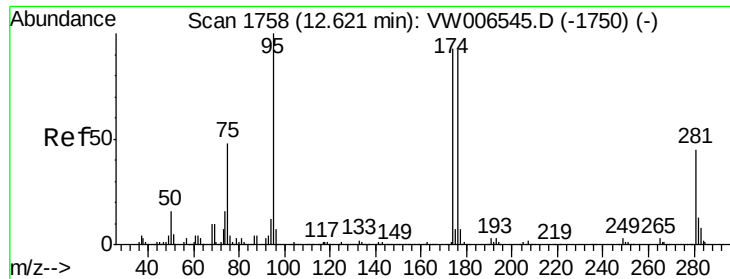
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 48.225 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006707.D

Acq: 07 Nov 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBL02

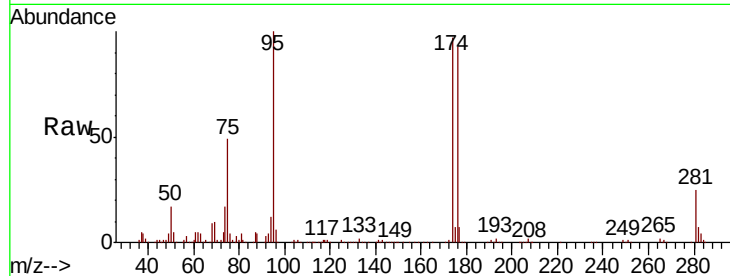
Tot Ion: 95 Resp: 131495

Ion Ratio Lower Upper

95 100

174 99.1 0.0 192.4

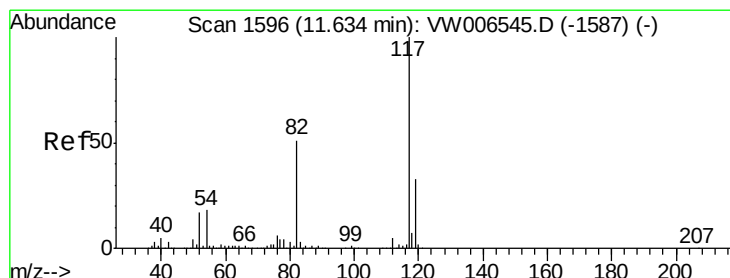
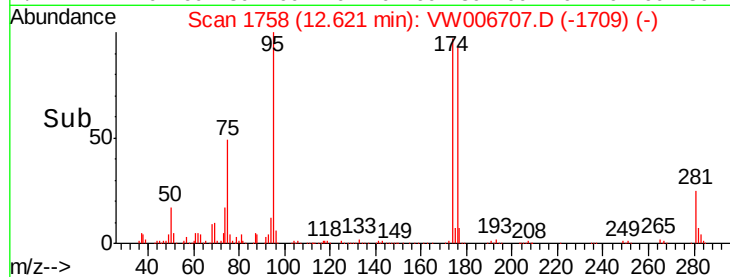
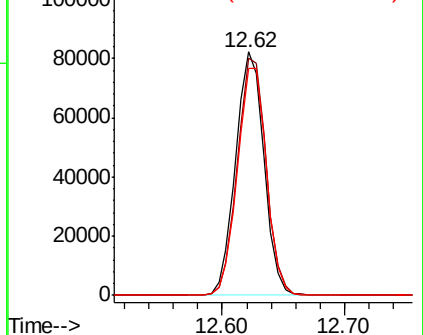
176 95.7 0.0 187.4



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: VW006707.D

Acq: 07 Nov 2018 02:02

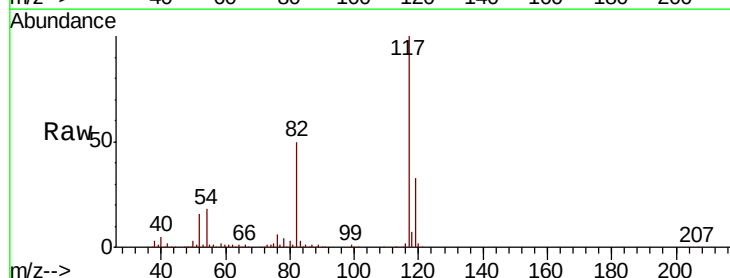
Tgt Ion: 117 Resp: 297776

Ion Ratio Lower Upper

117 100

82 50.3 40.8 61.2

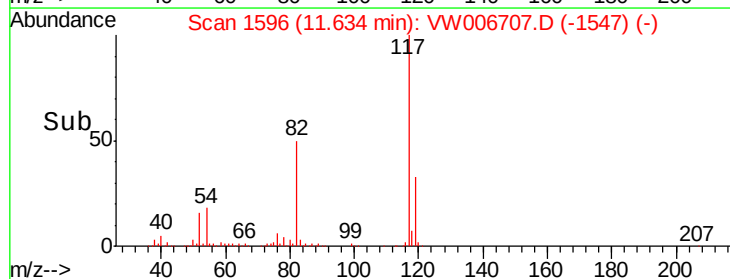
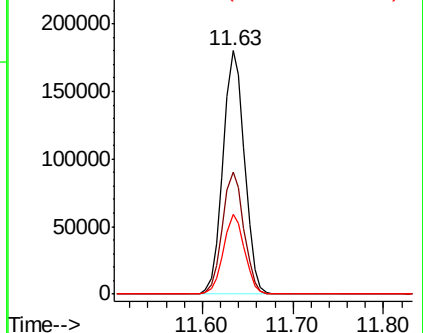
119 32.6 26.1 39.1

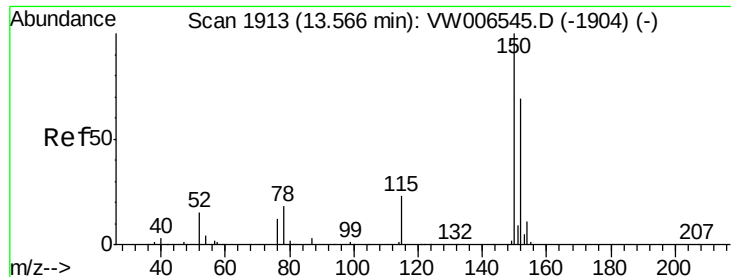


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006707.D

Acq: 07 Nov 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBL02

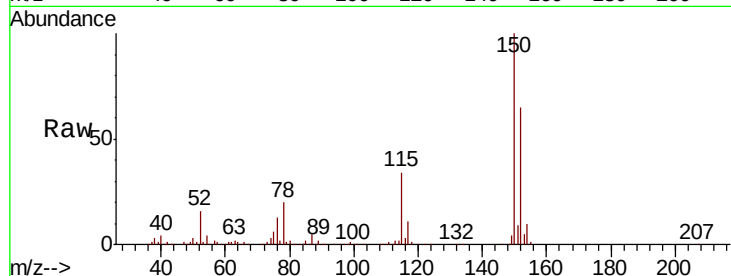
Tot Ion:152 Resp: 157128

Ion Ratio Lower Upper

152 100

115 53.3 26.6 79.8

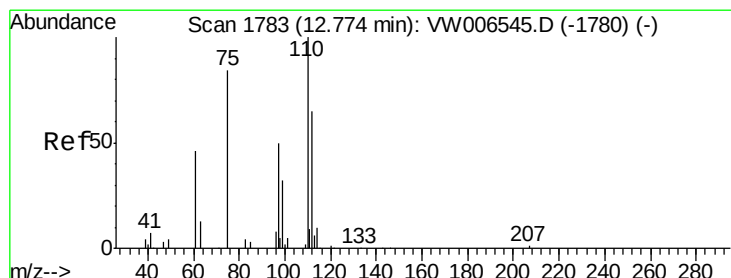
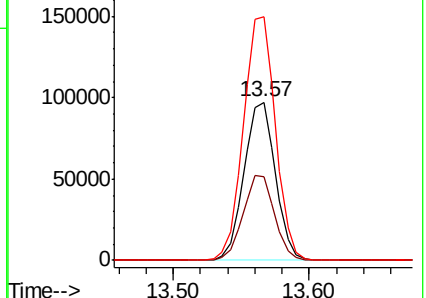
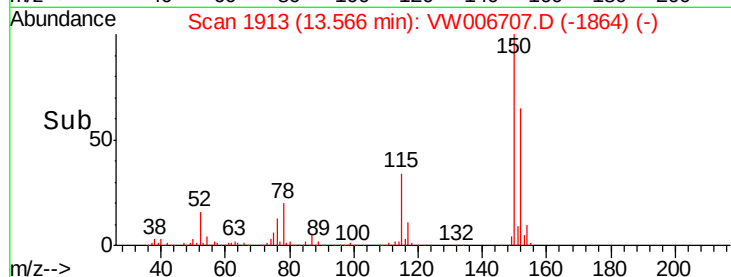
150 156.6 0.0 344.6



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: 53.032 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006707.D

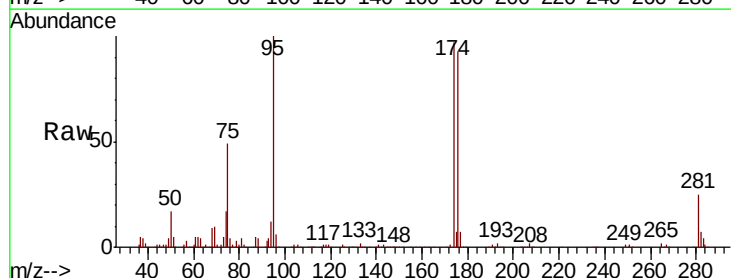
Acq: 07 Nov 2018 02:02

Tgt Ion: 75 Resp: 65015

Ion Ratio Lower Upper

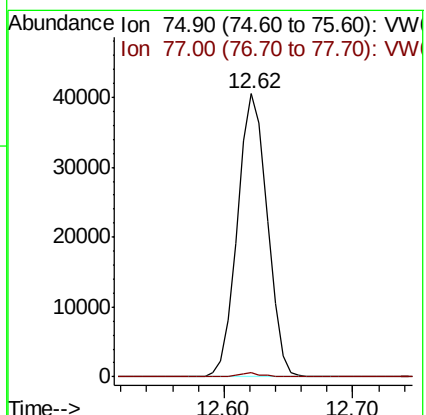
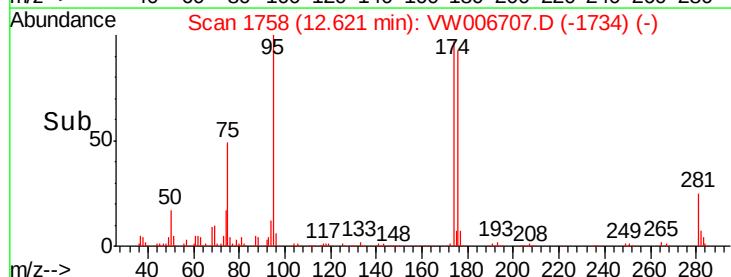
75 100

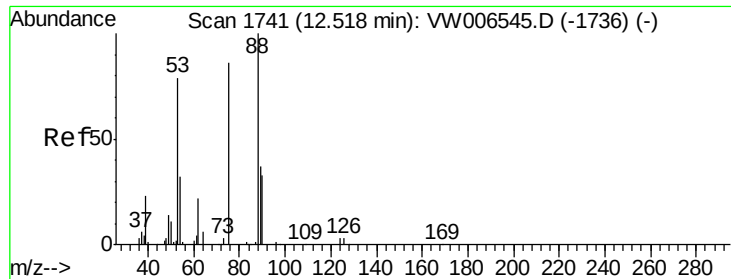
77 1.3 0.0 0.0#



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: 132.690 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006707.D

Acq: 07 Nov 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBL02

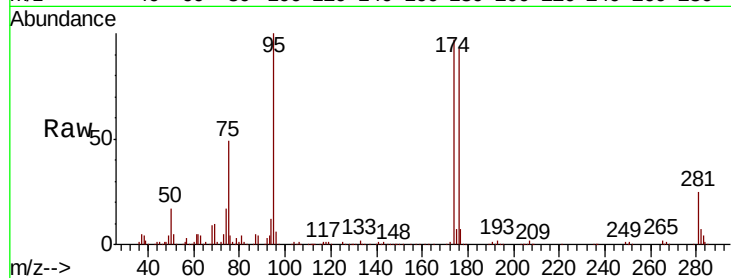
Tot Ion: 75 Resp: 65015

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 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

