

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006332.D
 Acq On : 24 Oct 2018 23:19
 Operator : SY/AP
 Sample : VW1024SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBL01

Quant Time: Oct 25 06:08:34 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

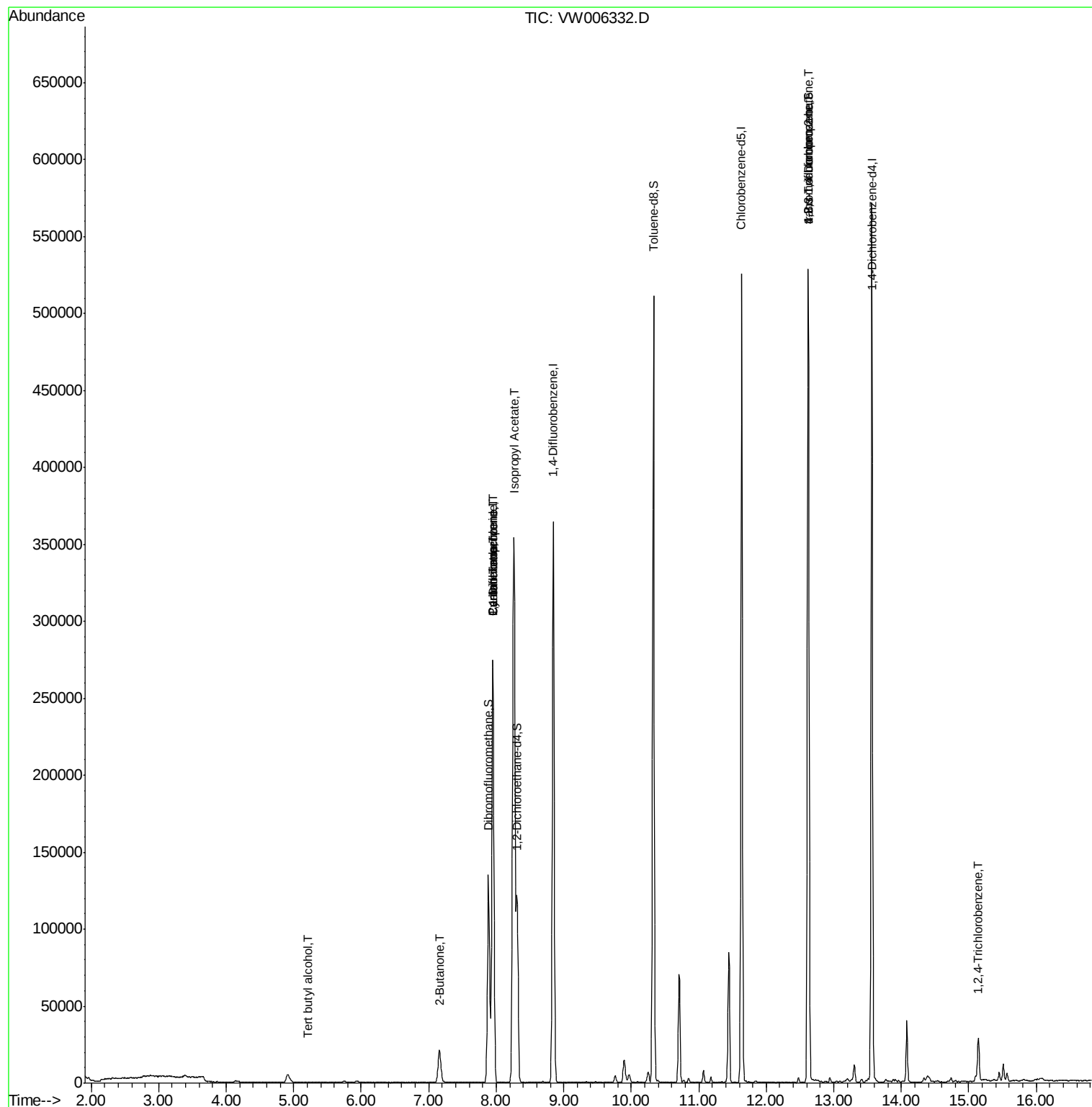
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	325734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	93575	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
35) Dibromofluoromethane	7.88	113	94877	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
50) Toluene-d8	10.33	98	356168	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.62	95	132501	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.21	59	343	2.726	ug/l #	71
16) Acetone	4.15	43	2437	Below Cal		95
25) 2-Butanone	7.15	43	869	1.719	ug/l #	75
31) Cyclohexane	7.95	56	4063	1.187	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	14738	4.909	ug/l #	48
38) Carbon Tetrachloride	7.95	117	19797	6.015	ug/l #	16
43) Isopropyl Acetate	8.26	43	7543	3.307	ug/l #	30
76) 1,2,3-Trichloropropane	12.62	75	67788	54.650	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	67788	130.636	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.14	180	9889	2.576	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102518\
Data File : VW006332.D
Acq On : 24 Oct 2018 23:19
Operator : SY/AP
Sample : VW1024SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBL01

Quant Time: Oct 25 00:57:52 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: VW006332.D

Acq: 24 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

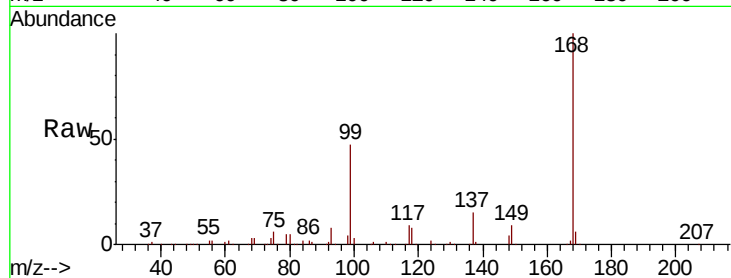
VW1024SBL01

Tot Ion:168 Resp: 225680

Ion Ratio Lower Upper

168 100

99 46.8 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

120000

100000

80000

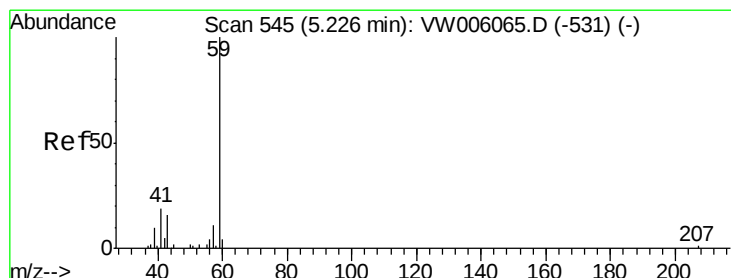
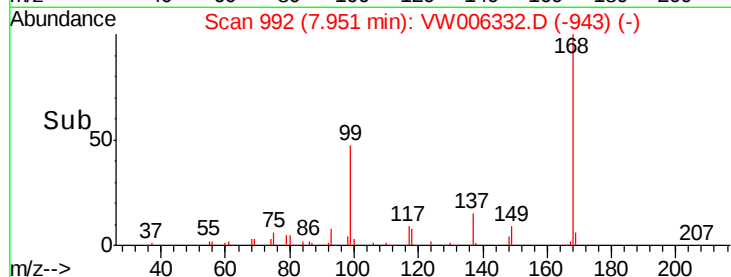
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.726 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW006332.D

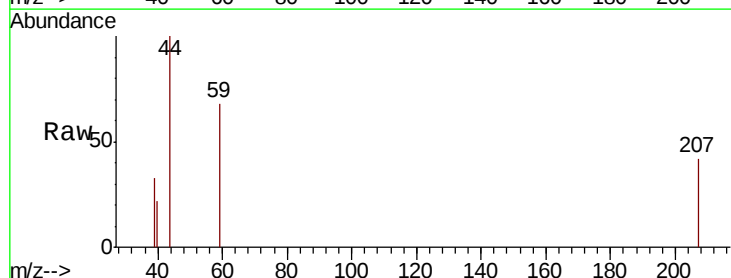
Acq: 24 Oct 2018 23:19

Tgt Ion: 59 Resp: 343

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

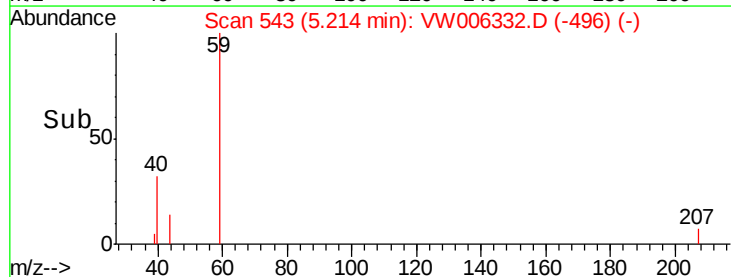
150

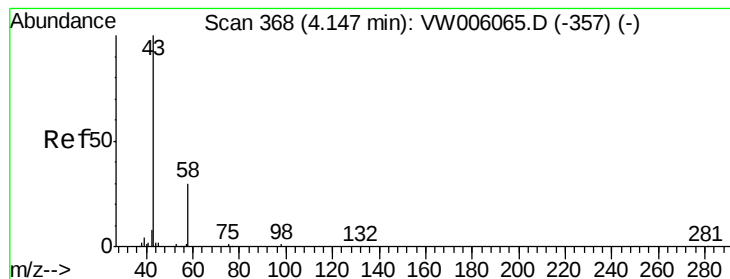
100

50

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006332.D

Acq: 24 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

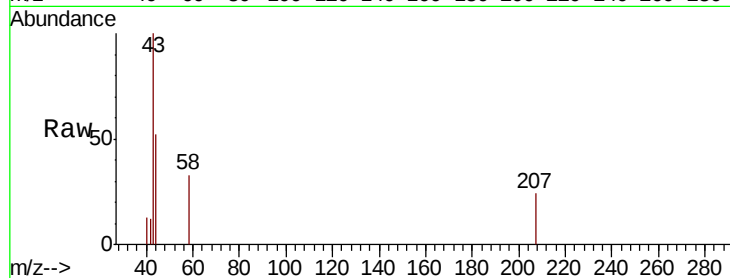
VW1024SBL01

Tot Ion: 43 Resp: 2437

Ion Ratio Lower Upper

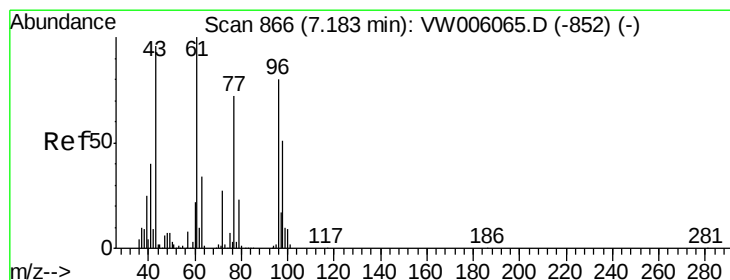
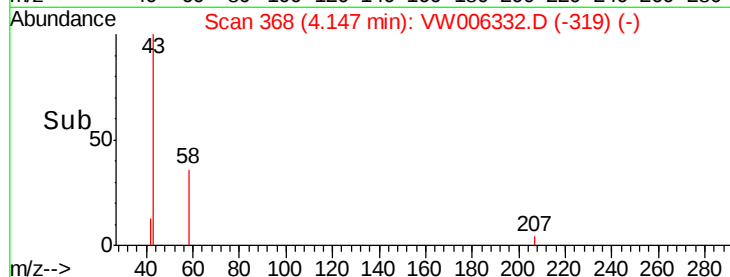
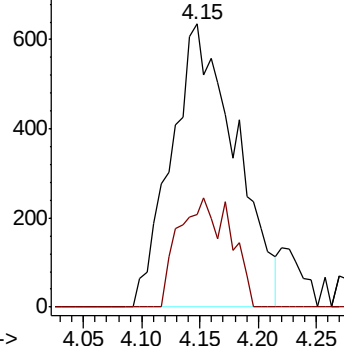
43 100

58 32.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 1.719 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006332.D

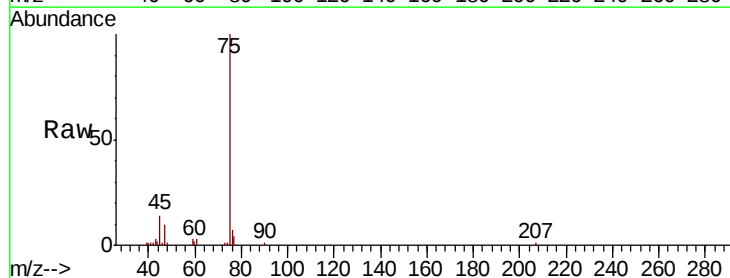
Acq: 24 Oct 2018 23:19

Tgt Ion: 43 Resp: 869

Ion Ratio Lower Upper

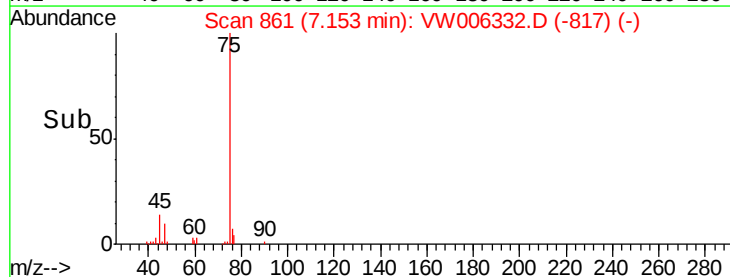
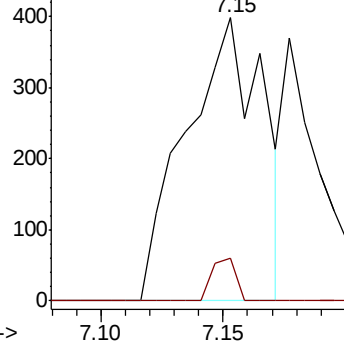
43 100

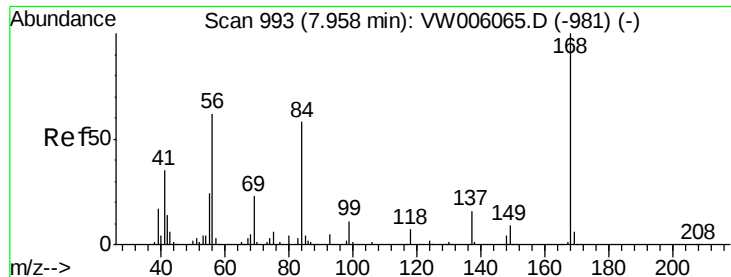
72 15.3 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

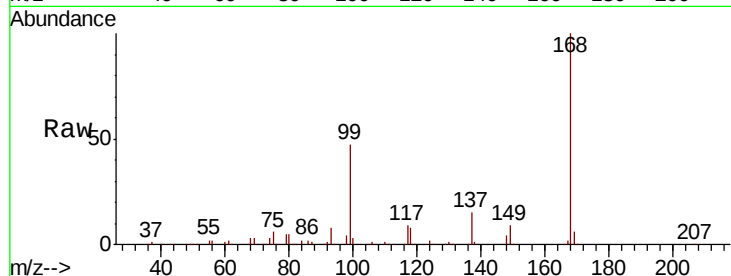




#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006332.D
Acq: 24 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBL01

Tot Ion	56	Resp	4063
Ion	Ratio	Lower	Upper
56	100		
69	150.1	29.4	44.0#
84	126.0	74.0	111.0#

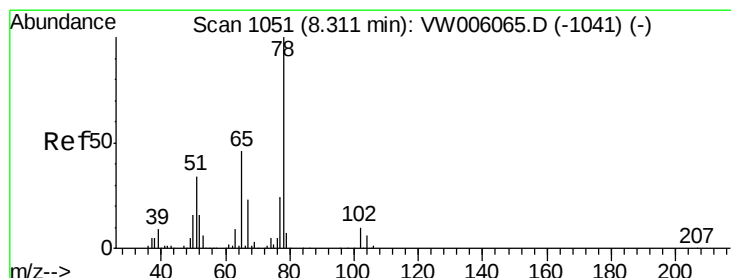
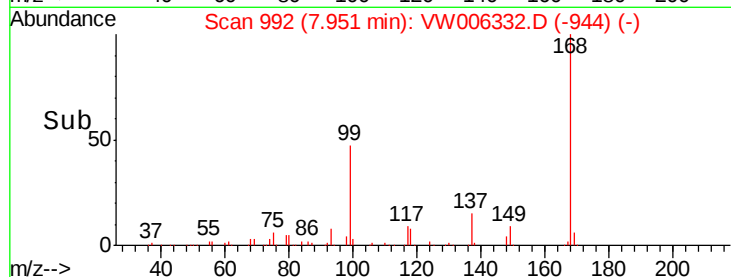
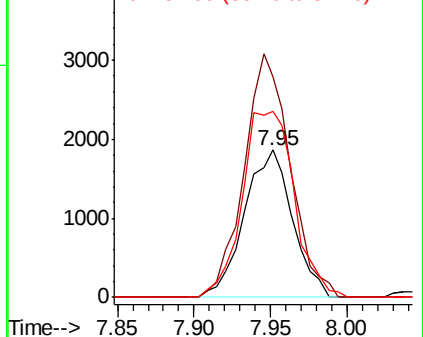


Abundance

Ion 56.00 (55.70 to 56.70): VW

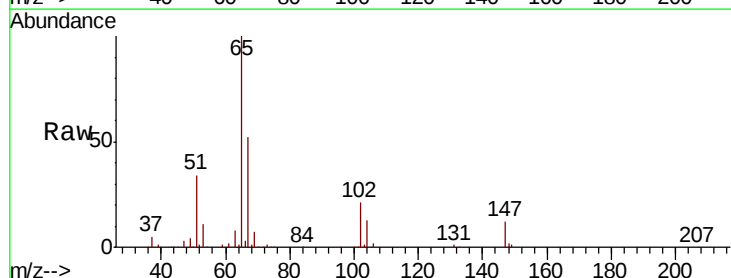
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33
1,2-Dichloroethane-d4
Concen: 50.013 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006332.D
Acq: 24 Oct 2018 23:19

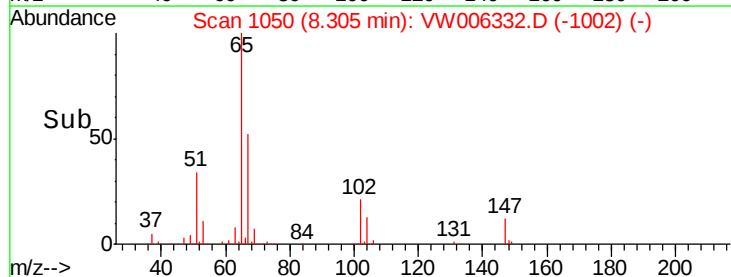
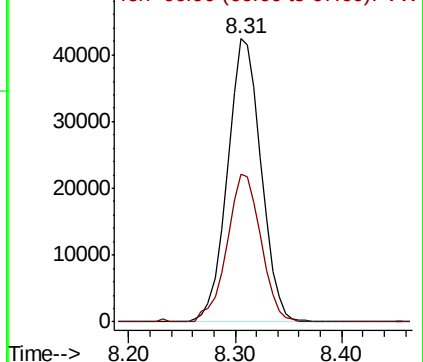
Tgt Ion	65	Resp	93575
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	101.0

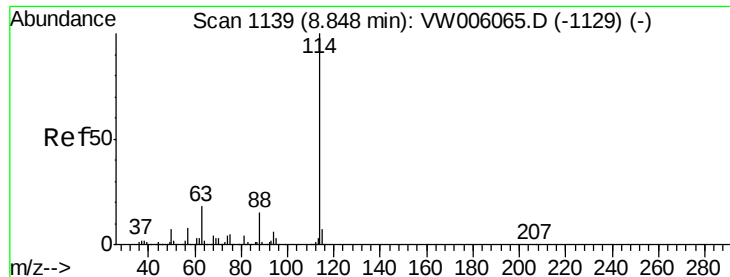


Abundance

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: VW006332.D

Acq: 24 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBL01

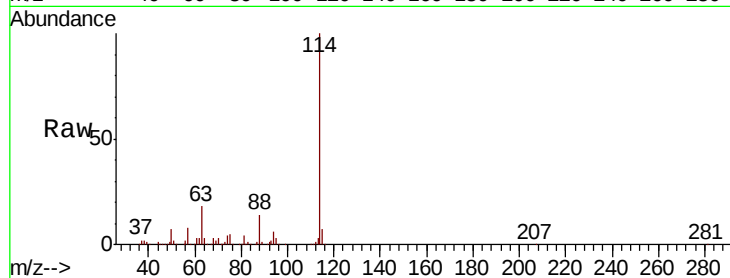
Tot Ion:114 Resp: 325734

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

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

200000

150000

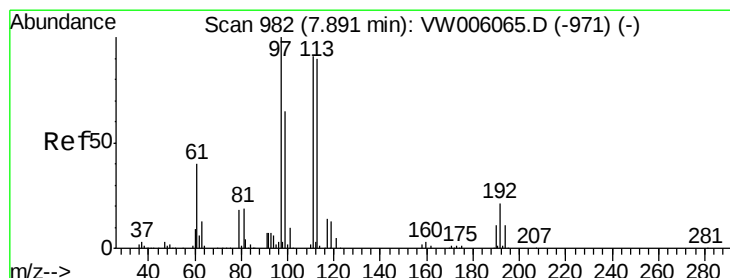
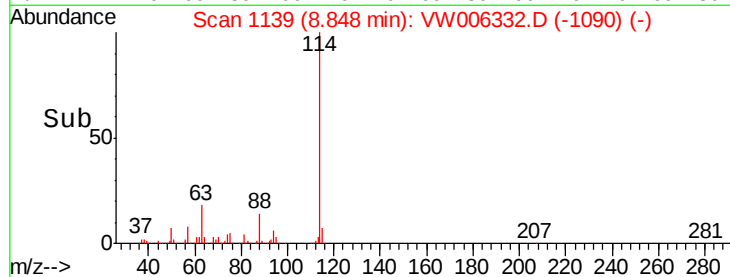
100000

50000

0

8.80 8.85 8.90

Time-->



#35

Dibromofluoromethane

Concen: 49.293 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006332.D

Acq: 24 Oct 2018 23:19

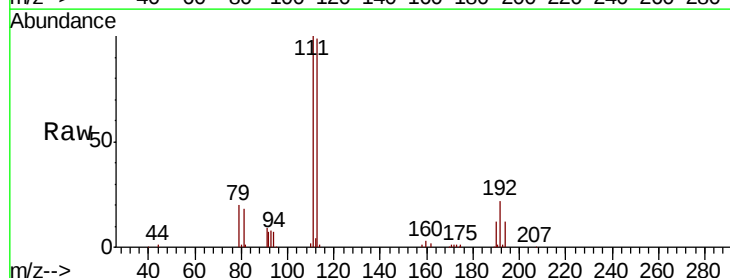
Tgt Ion:113 Resp: 94877

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 23.3 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

50000

40000

30000

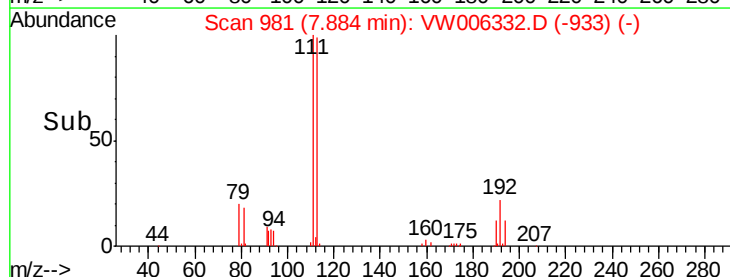
20000

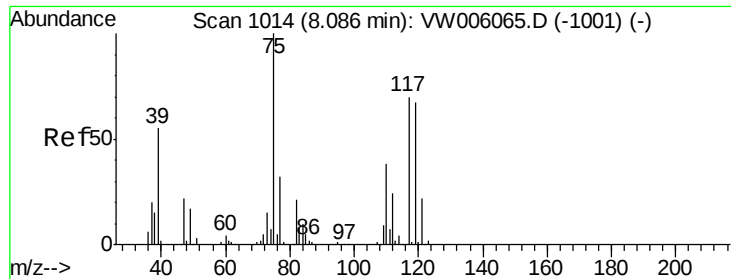
10000

0

7.80 7.85 7.90 7.95

Time-->

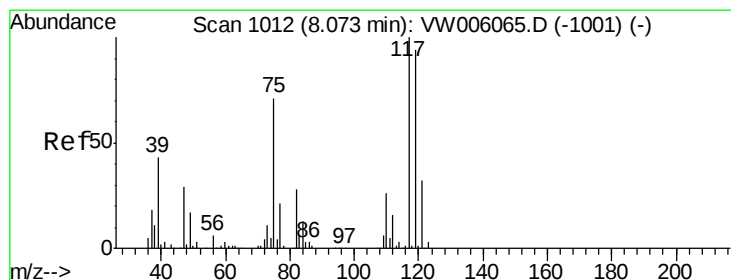
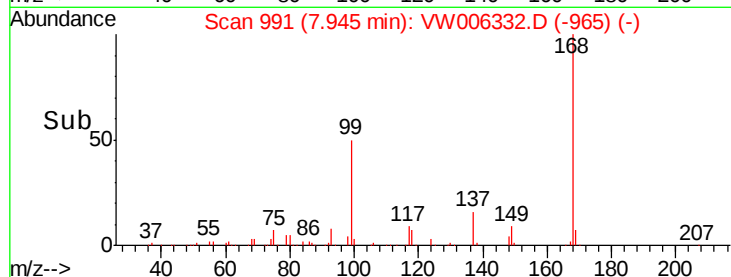
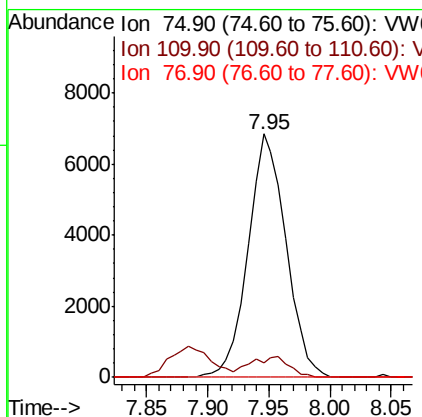
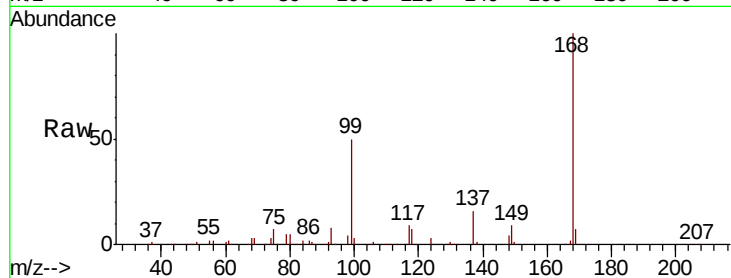




#36
 1,1-Dichloropropene
 Concen: 4.909 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006332.D
 Acq: 24 Oct 2018 23:19

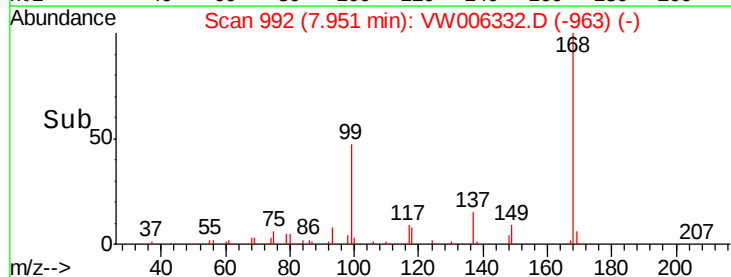
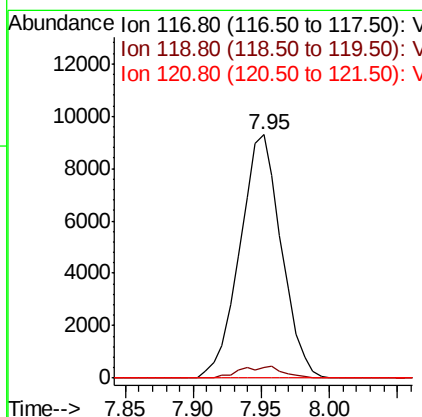
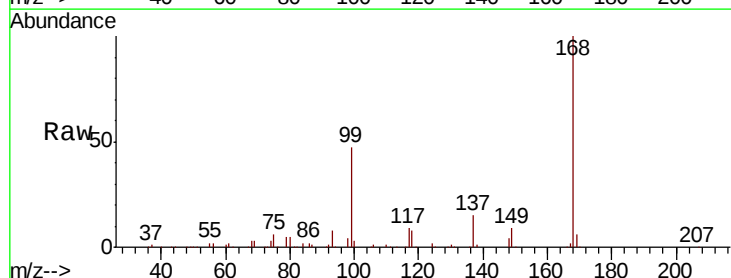
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBL01

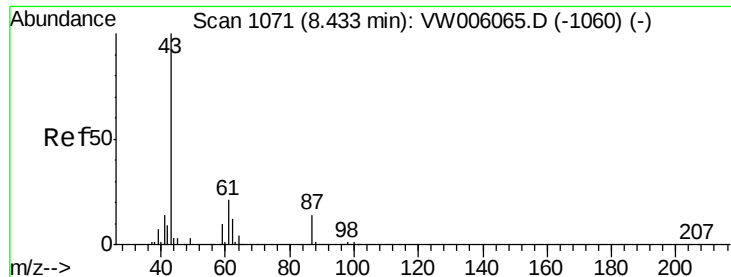
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.015 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006332.D
 Acq: 24 Oct 2018 23:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.2	112.8#
121	0.0	25.3	37.9#





#43

Isopropyl Acetate

Concen: 3.307 ug/l

RT: 8.26 min Scan# 1043

Delta R.T. -0.17 min

Lab File: VW006332.D

Acq: 24 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBL01

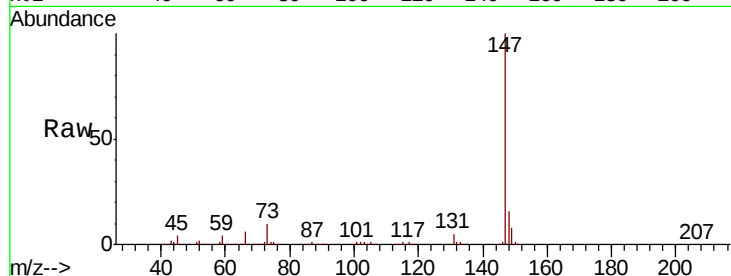
Tot Ion: 43 Resp: 7543

Ion Ratio Lower Upper

43 100

61 21.5 25.5 38.3#

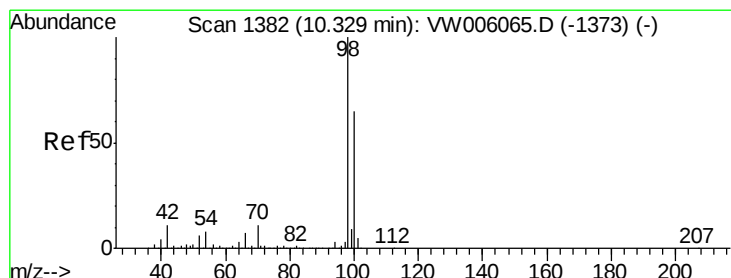
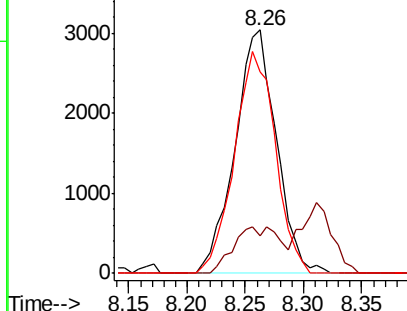
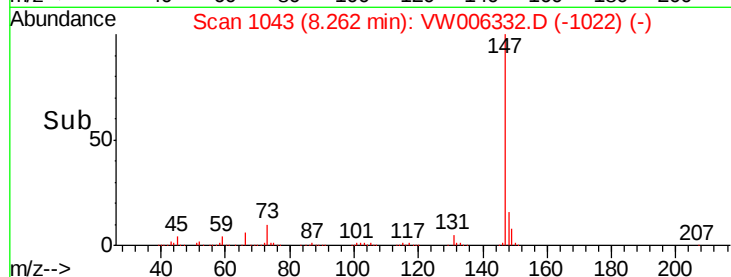
87 90.1 11.7 17.5#



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: 48.639 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006332.D

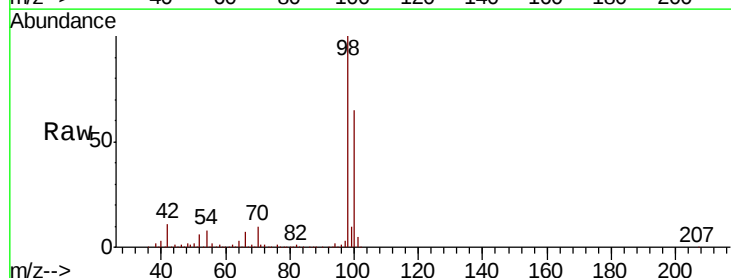
Acq: 24 Oct 2018 23:19

Tgt Ion: 98 Resp: 356168

Ion Ratio Lower Upper

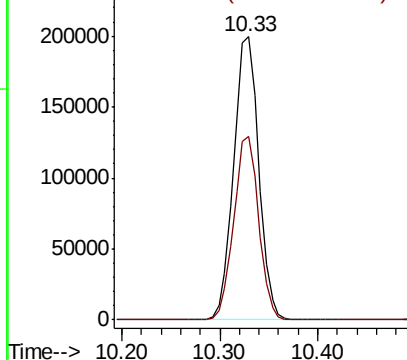
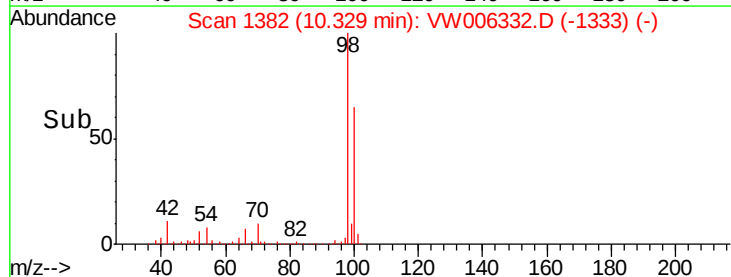
98 100

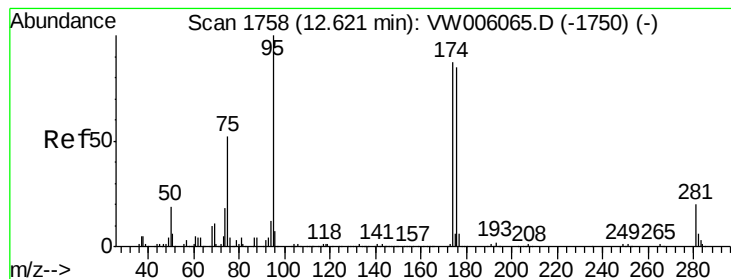
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 48.177 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006332.D

Acq: 24 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBL01

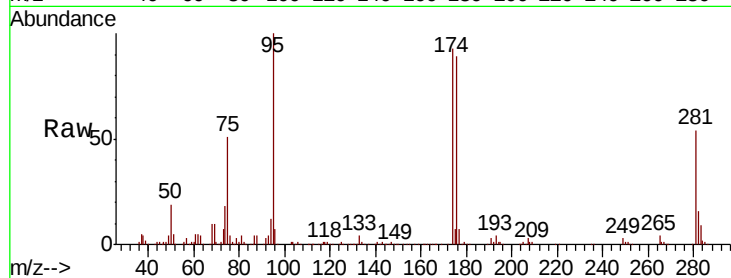
Tot Ion: 95 Resp: 132501

Ion Ratio Lower Upper

95 100

174 95.8 0.0 186.0

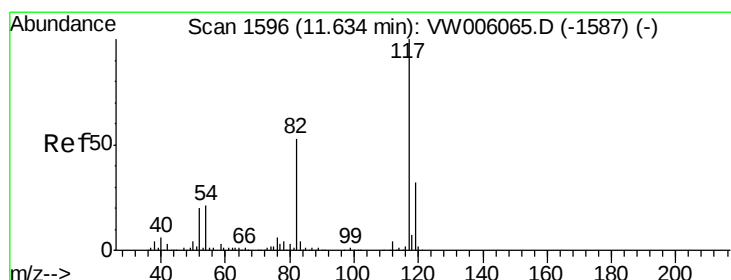
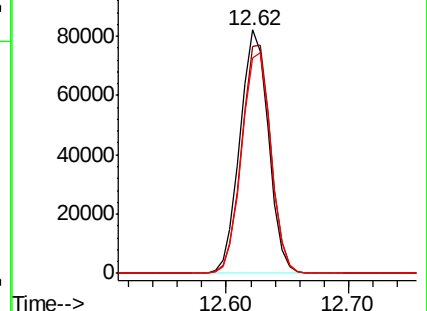
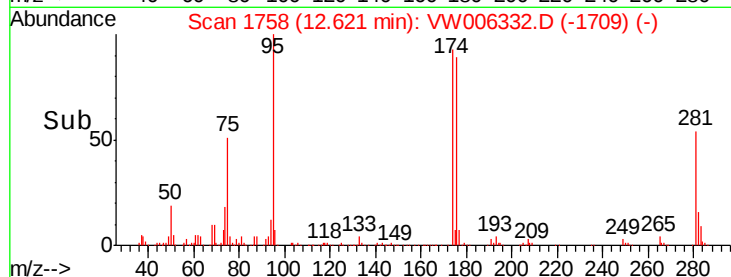
176 92.9 0.0 181.6



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: VW006332.D

Acq: 24 Oct 2018 23:19

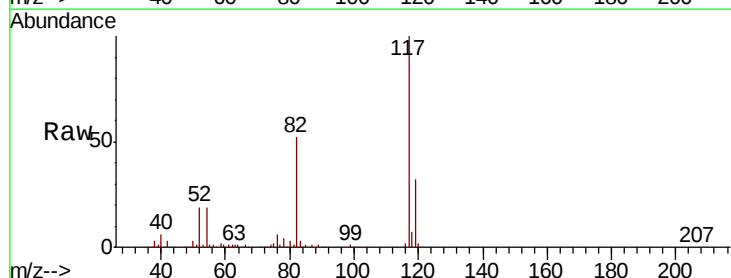
Tgt Ion: 117 Resp: 300857

Ion Ratio Lower Upper

117 100

82 51.8 42.1 63.1

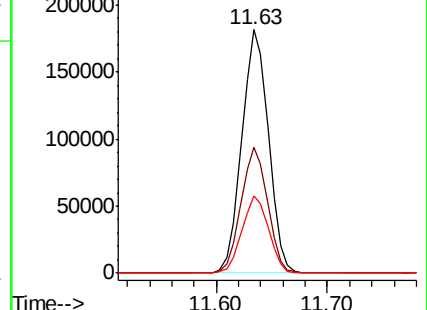
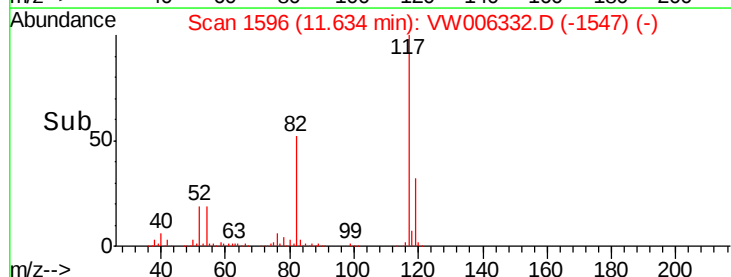
119 31.9 25.8 38.6

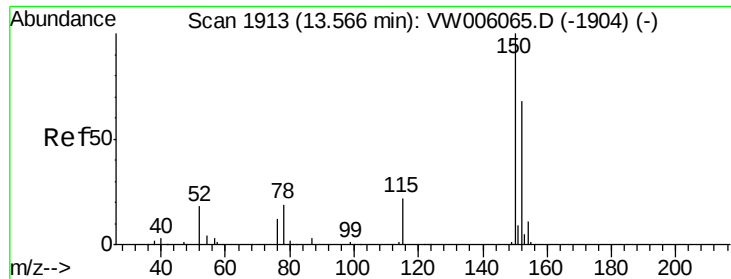


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



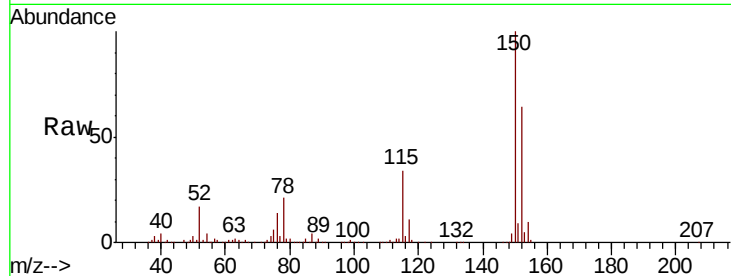


#72

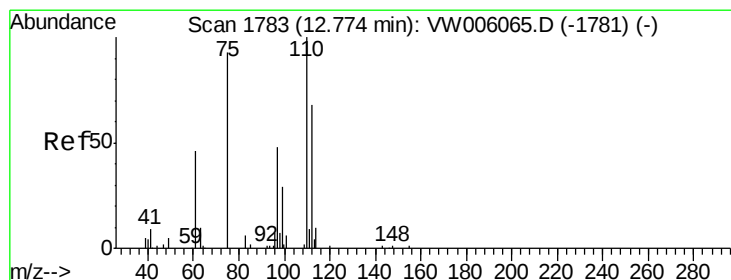
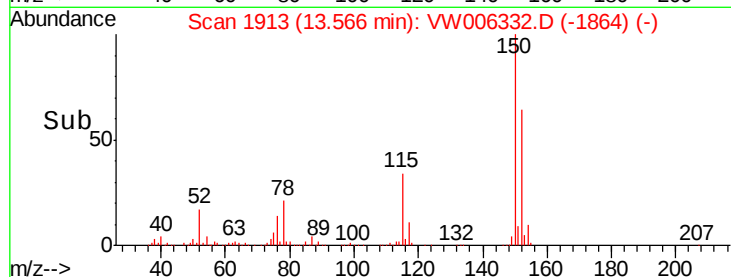
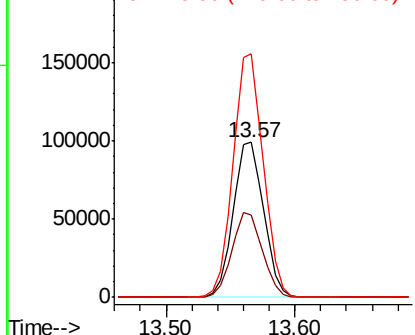
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006332.D
Acq: 24 Oct 2018 23:19

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBL01

Tot Ion:152 Resp: 162397
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.3
150 156.1 0.0 349.2



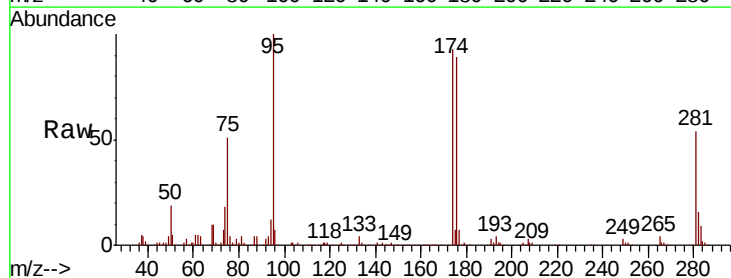
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



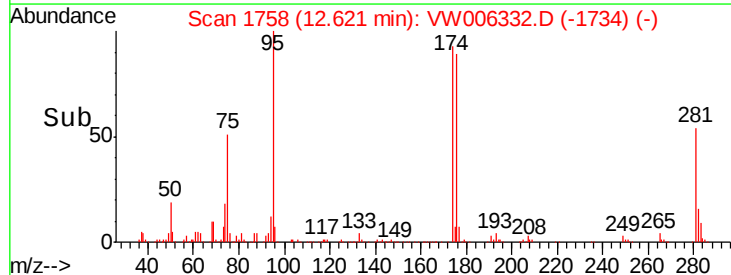
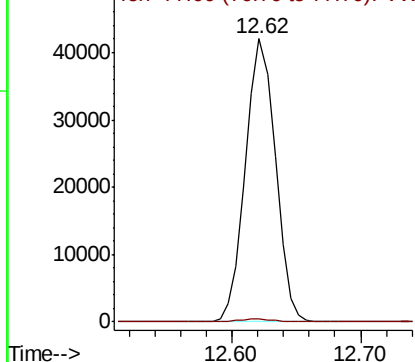
#76

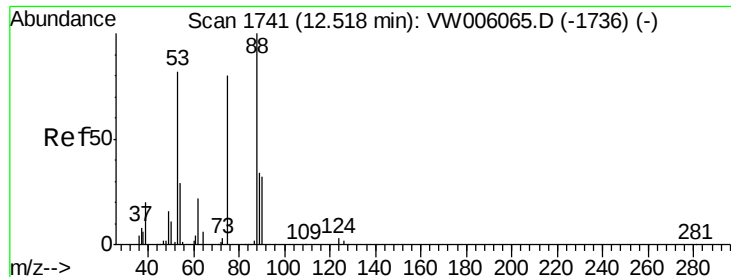
1,2,3-Trichloropropane
Concen: 54.650 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006332.D
Acq: 24 Oct 2018 23:19

Tgt Ion: 75 Resp: 67788
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: 130.636 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006332.D

Acq: 24 Oct 2018 23:19

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBL01

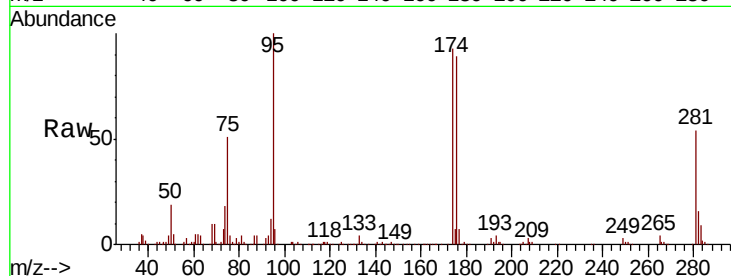
Tot Ion: 75 Resp: 67788

Ion Ratio Lower Upper

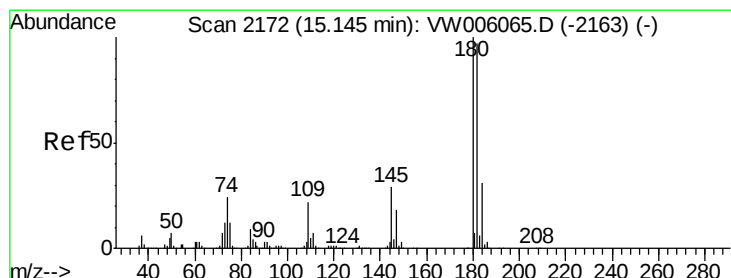
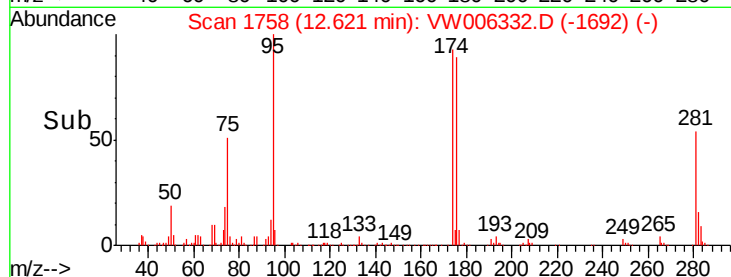
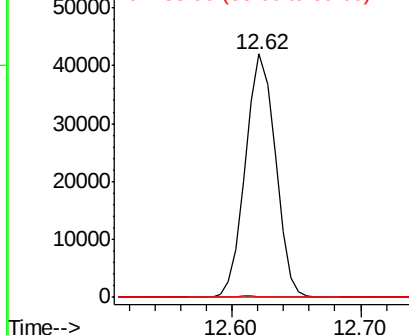
75 100

53 0.0 79.8 119.6#

89 0.3 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



#93

1,2,4-Trichlorobenzene

Concen: 2.576 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.01 min

Lab File: VW006332.D

Acq: 24 Oct 2018 23:19

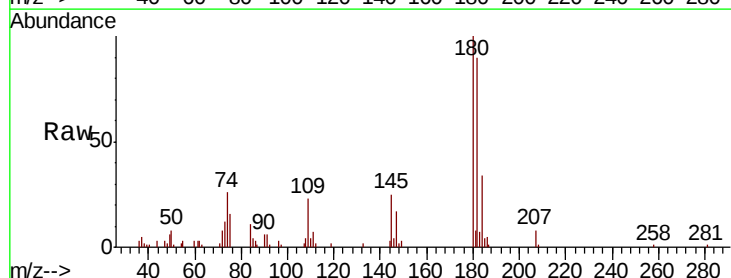
Tgt Ion: 180 Resp: 9889

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.6

145 28.3 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

