

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006245.D
 Acq On : 22 Oct 2018 12:26
 Operator : VA/AP
 Sample : VW1022SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBL01

Quant Time: Oct 22 14:02:50 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	310892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	431378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	206248	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	113416	44.00	ug/l	0.00
Spiked Amount			Recovery	=	88.00%	
35) Dibromofluoromethane	7.88	113	121037	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
50) Toluene-d8	10.33	98	466781	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	12.62	95	172154	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	

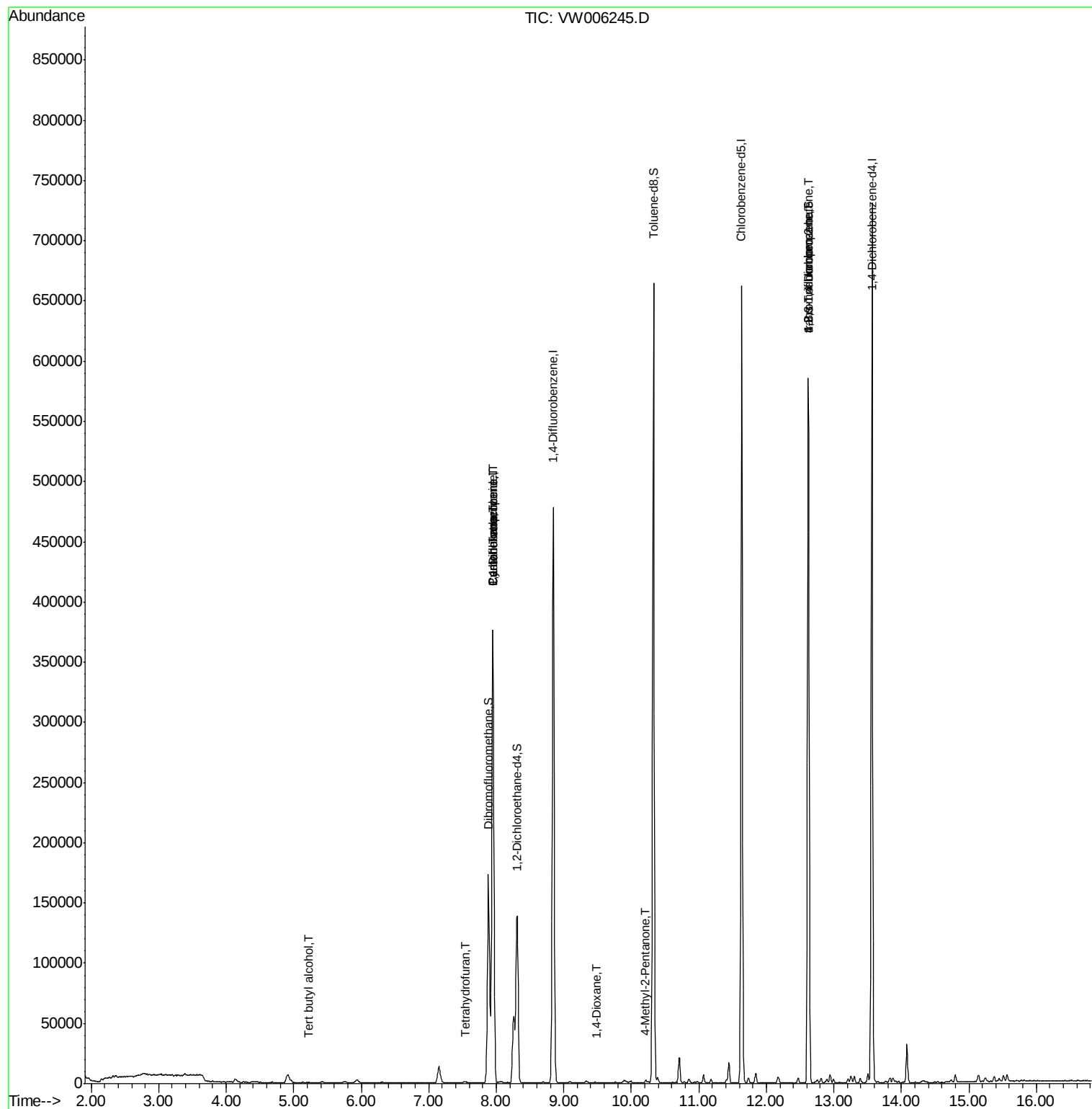
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	224	1.292	ug/l #	71
16) Acetone	4.14	43	5694	Below Cal		93
29) Tetrahydrofuran	7.54	42	762	1.780	ug/l #	85
31) Cyclohexane	7.95	56	5746	1.218	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	19673	4.948	ug/l #	48
38) Carbon Tetrachloride	7.95	117	28018	6.428	ug/l #	15
49) 1,4-Dioxane	9.48	88	42	1.834	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	1854	1.225	ug/l	89
76) 1,2,3-Trichloropropane	12.62	75	85586	54.329	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85586	129.868	ug/l #	10

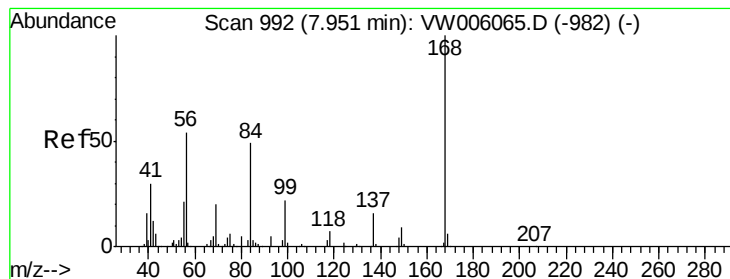
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\
Data File : VW006245.D
Acq On : 22 Oct 2018 12:26
Operator : VA/AP
Sample : VW1022SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBL01

Quant Time: Oct 22 14:02:50 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: VW006245.D

Acq: 22 Oct 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

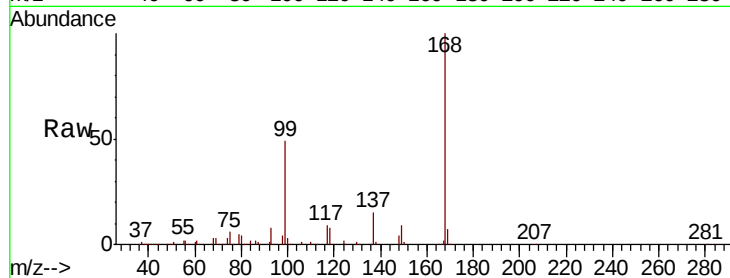
VW1022SBL01

Tot Ion:168 Resp: 310892

Ion Ratio Lower Upper

168 100

99 49.0 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

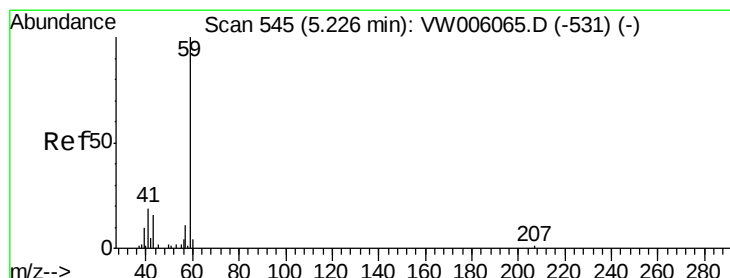
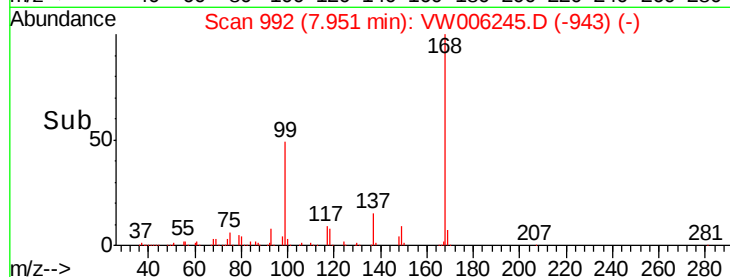
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 1.292 ug/l

RT: 5.23 min Scan# 545

Delta R.T. -0.00 min

Lab File: VW006245.D

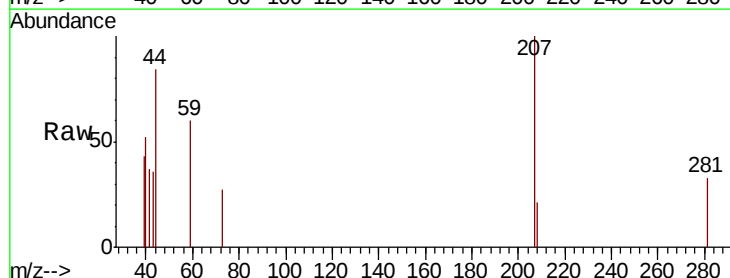
Acq: 22 Oct 2018 12:26

Tgt Ion: 59 Resp: 224

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

5.23

150

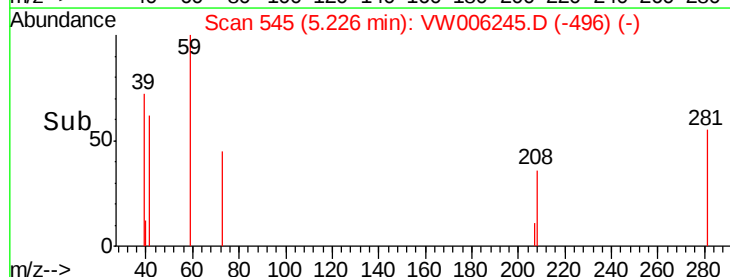
100

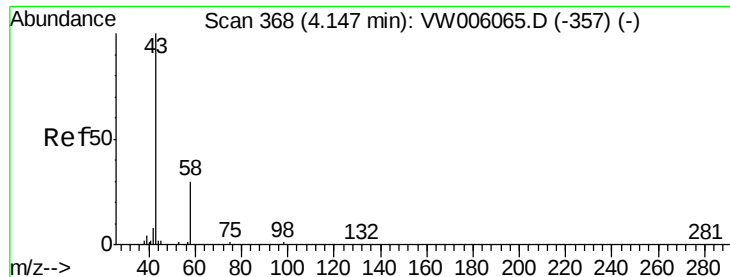
50

0

5.20 5.22 5.24

Time-->

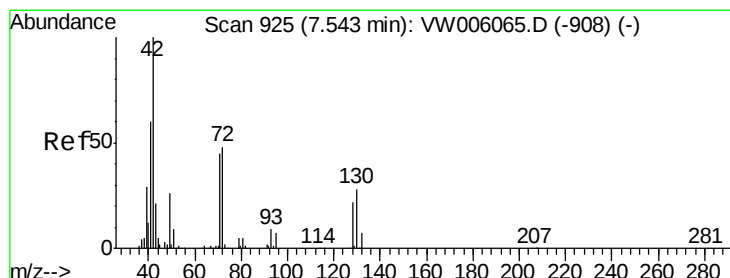
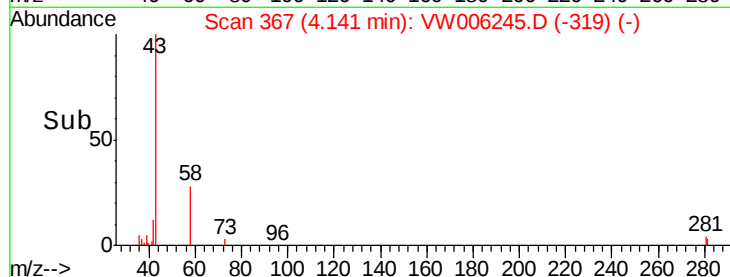
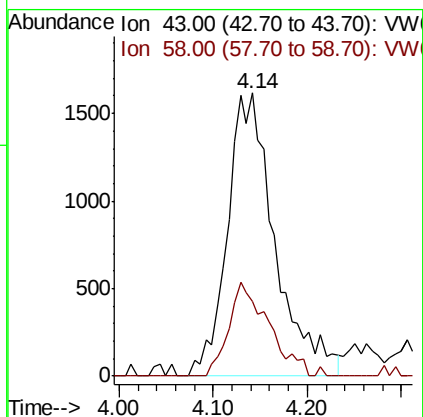
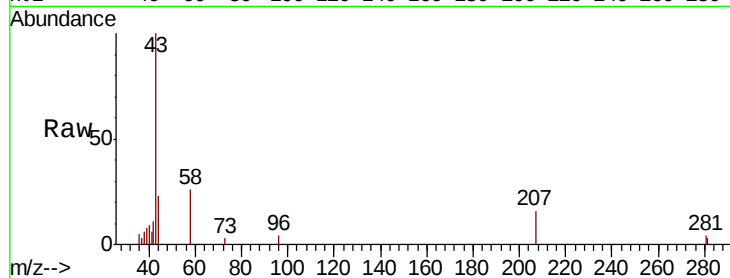




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006245.D
Acq: 22 Oct 2018 12:26

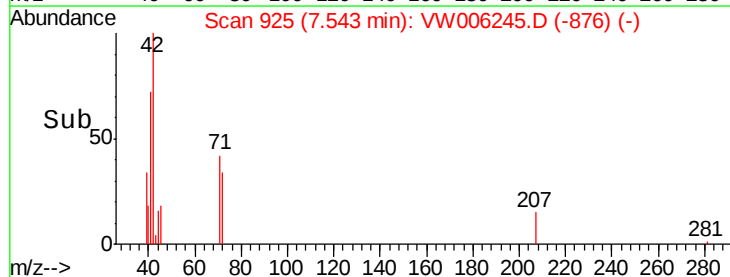
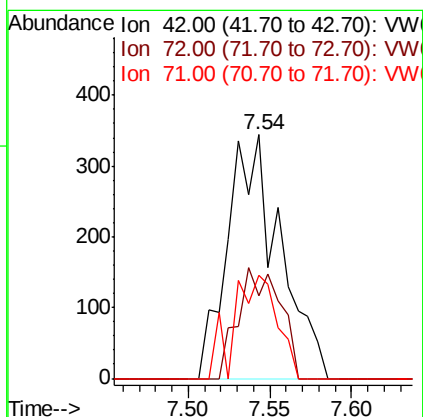
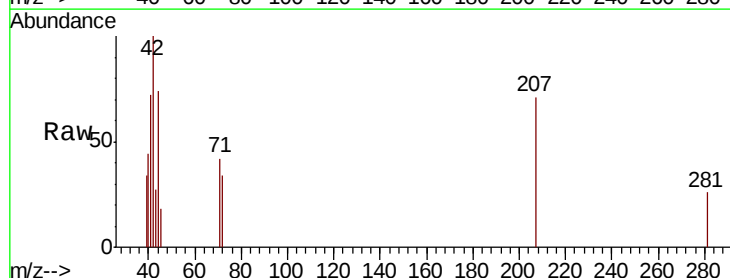
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBL01

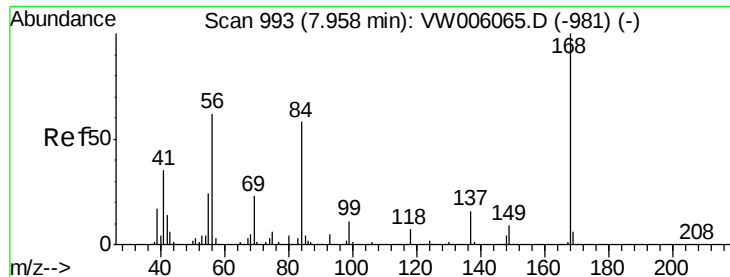
Tot Ion: 43 Resp: 5694
Ion Ratio Lower Upper
43 100
58 26.4 24.0 36.0



#29
Tetrahydrofuran
Concen: 1.780 ug/l
RT: 7.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: VW006245.D
Acq: 22 Oct 2018 12:26

Tgt Ion: 42 Resp: 762
Ion Ratio Lower Upper
42 100
72 36.6 38.0 57.0#
71 35.6 35.3 52.9

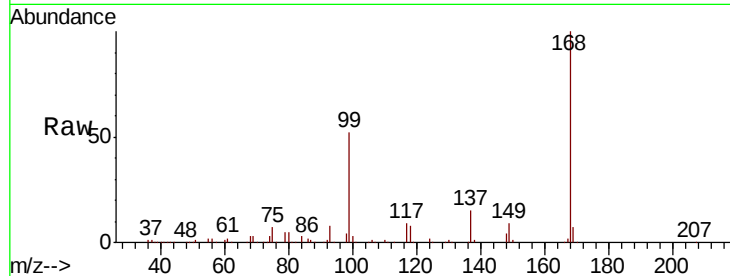




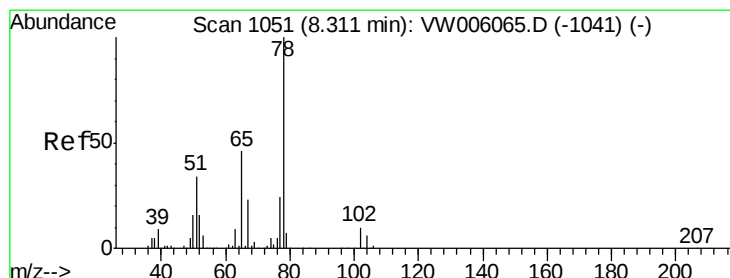
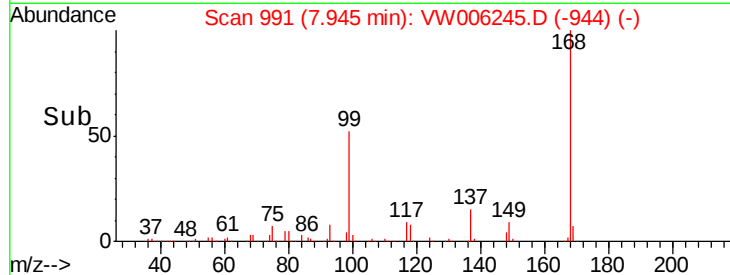
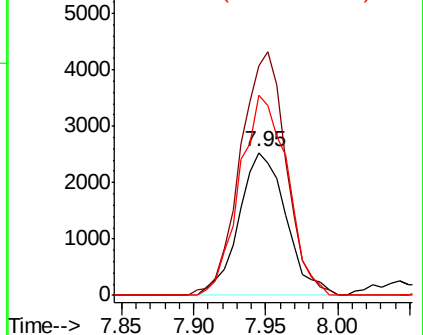
#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006245.D
Acq: 22 Oct 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBL01

Tot Ion: 56 Resp: 5746
Ion Ratio Lower Upper
56 100
69 160.5 29.4 44.0#
84 139.9 74.0 111.0#

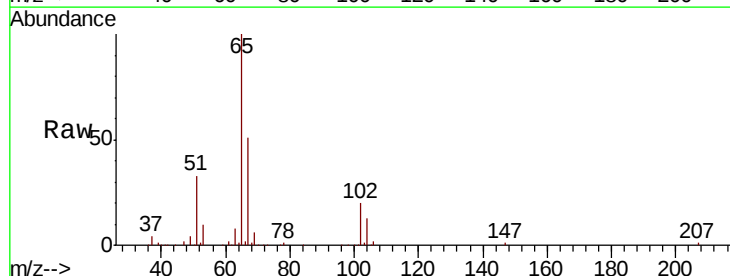


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

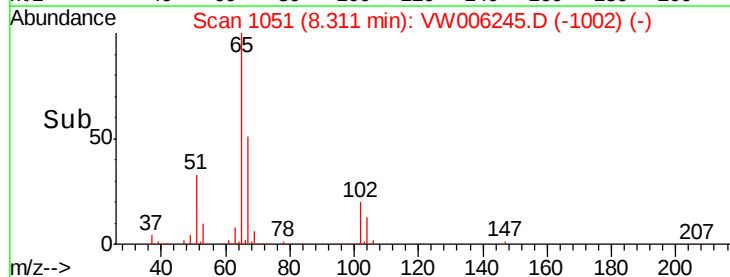
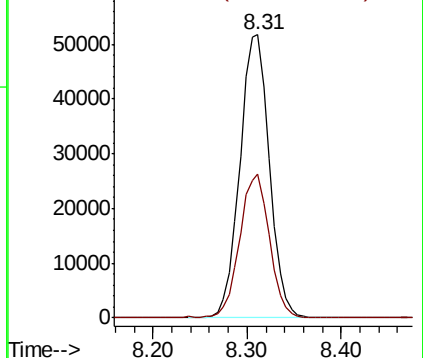


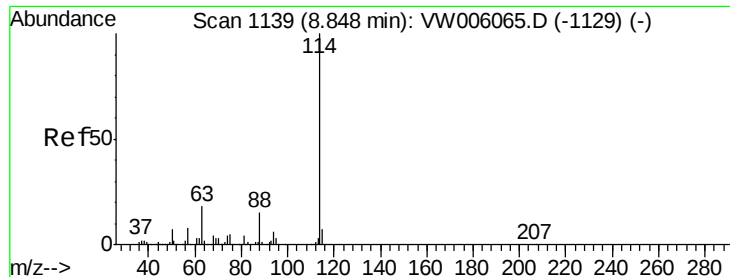
#33
1,2-Dichloroethane-d4
Concen: 44.003 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006245.D
Acq: 22 Oct 2018 12:26

Tgt Ion: 65 Resp: 113416
Ion Ratio Lower Upper
65 100
67 51.2 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: VW006245.D

Acq: 22 Oct 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBL01

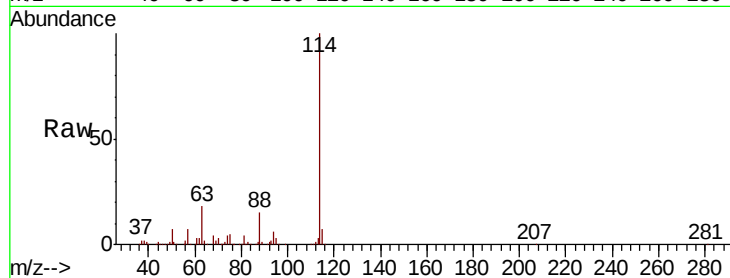
Tot Ion:114 Resp: 431378

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

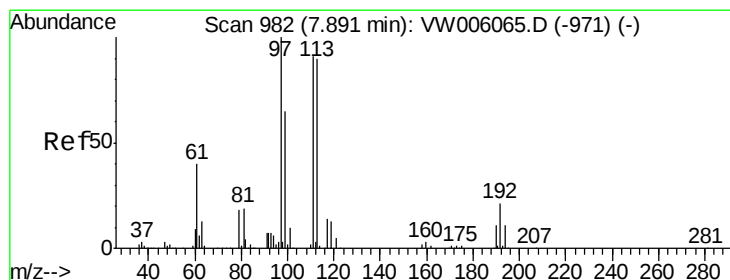
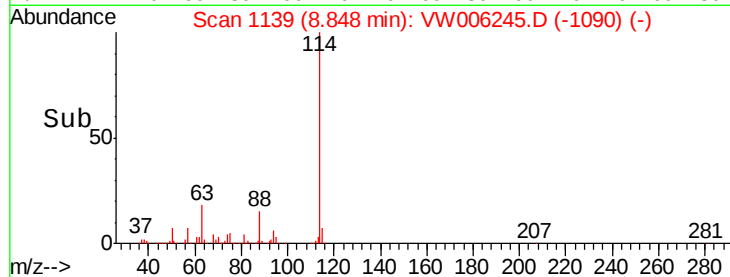
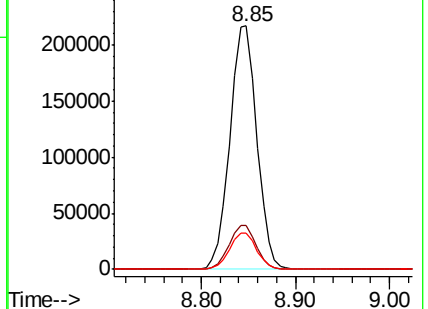
88 15.0 0.0 29.0



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: 47.484 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006245.D

Acq: 22 Oct 2018 12:26

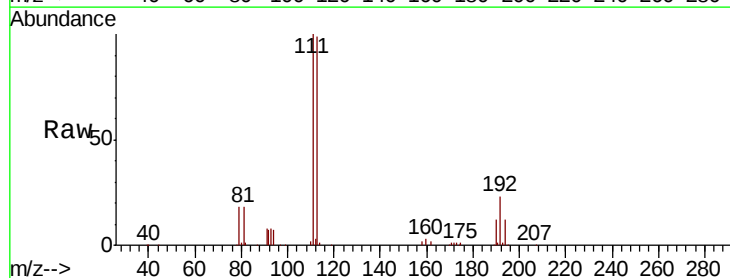
Tgt Ion:113 Resp: 121037

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

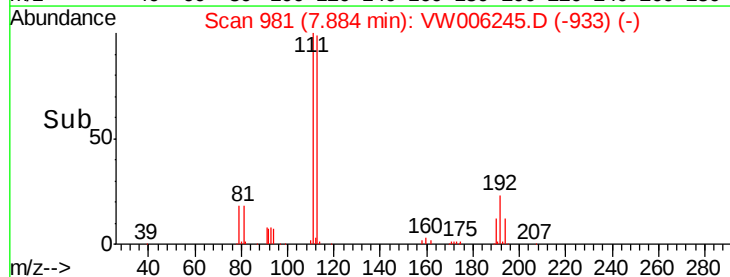
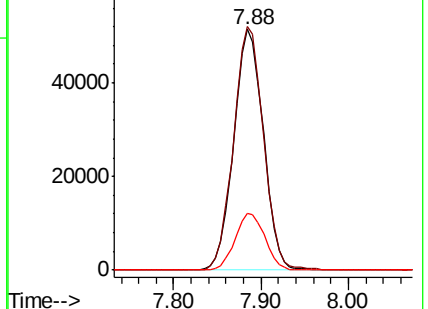
192 23.4 18.7 28.1

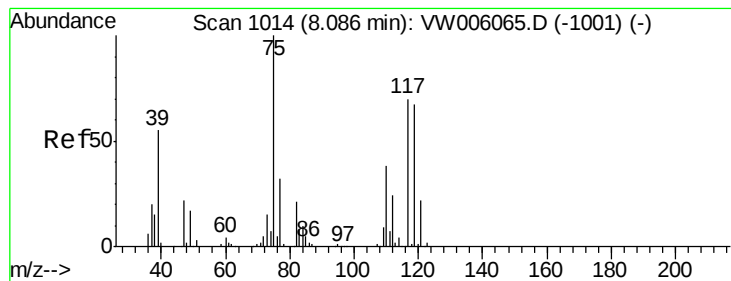


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.948 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006245.D

Acq: 22 Oct 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBL01

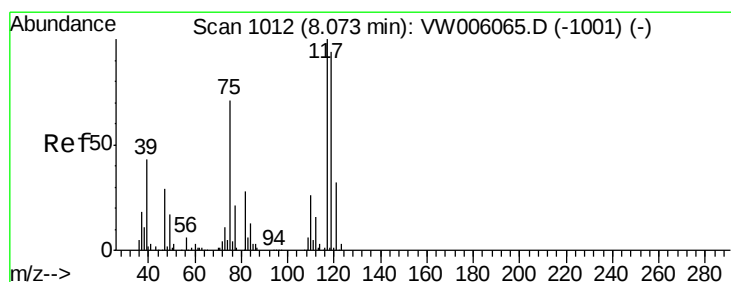
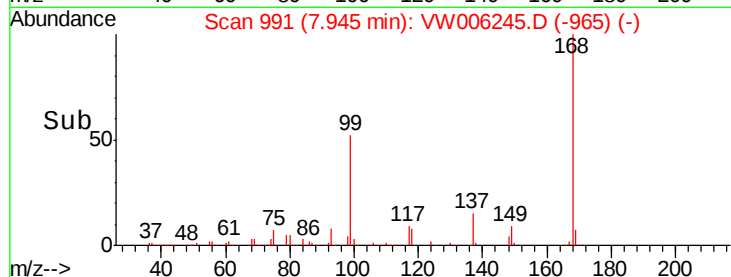
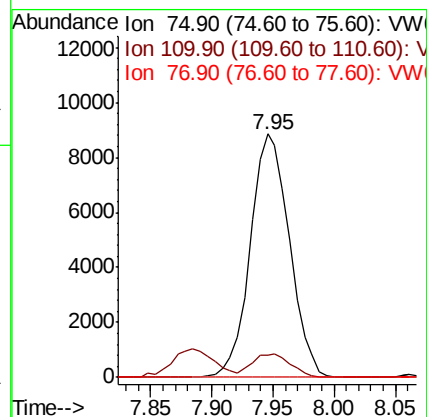
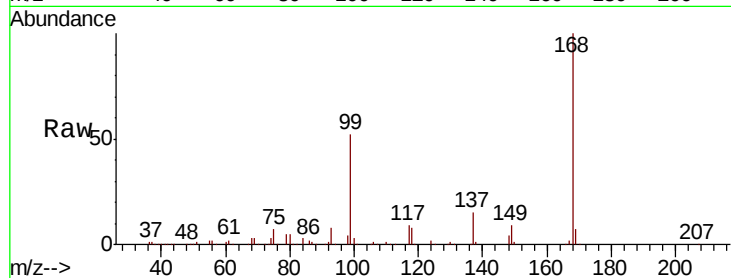
Tot Ion: 75 Resp: 19673

Ion Ratio Lower Upper

75 100

110 9.4 19.1 57.1#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.428 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006245.D

Acq: 22 Oct 2018 12:26

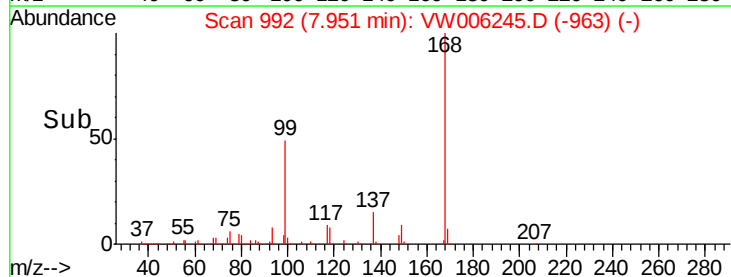
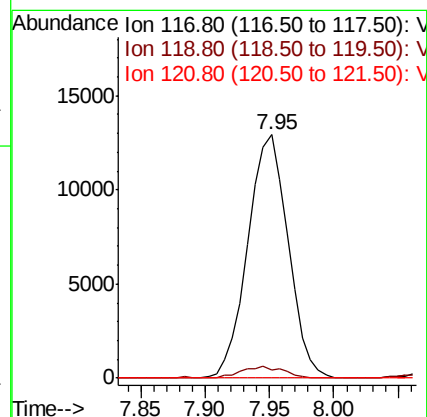
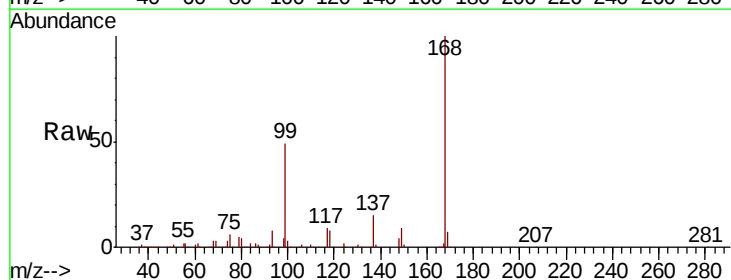
Tgt Ion: 117 Resp: 28018

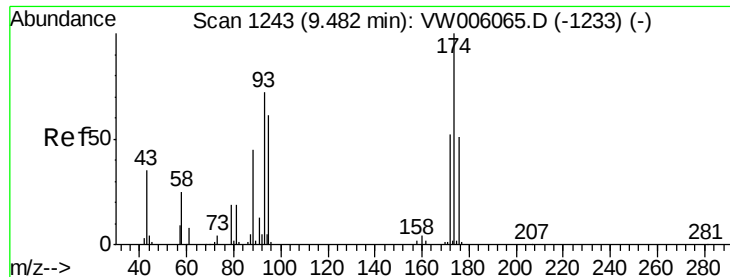
Ion Ratio Lower Upper

117 100

119 3.2 75.2 112.8#

121 0.0 25.3 37.9#





#49

1,4-Dioxane

Concen: 1.834 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VW006245.D

Acq: 22 Oct 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBL01

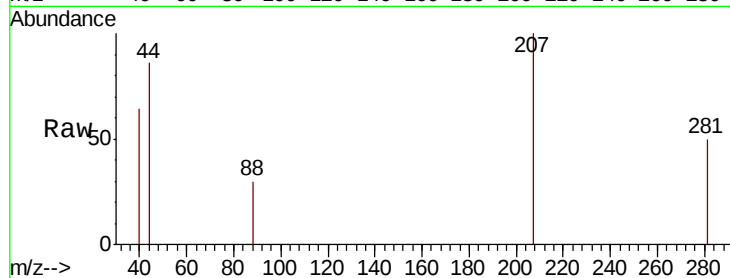
Tot Ion: 88 Resp: 42

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

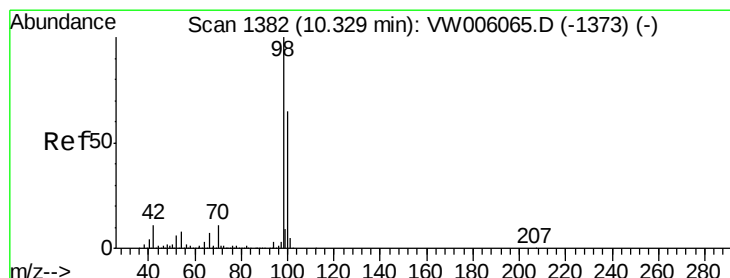
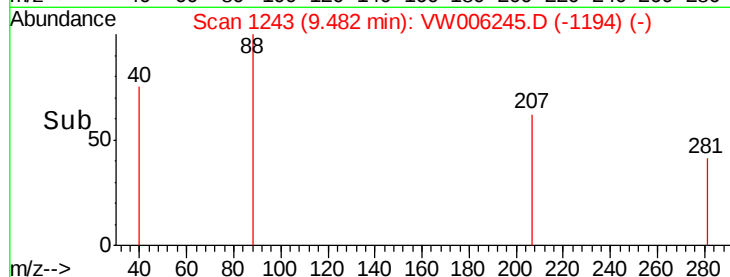
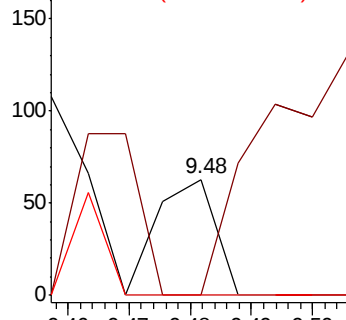
58 0.0 51.2 76.8#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 48.133 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006245.D

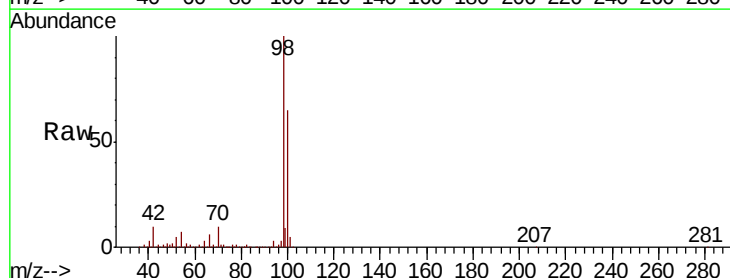
Acq: 22 Oct 2018 12:26

Tgt Ion: 98 Resp: 466781

Ion Ratio Lower Upper

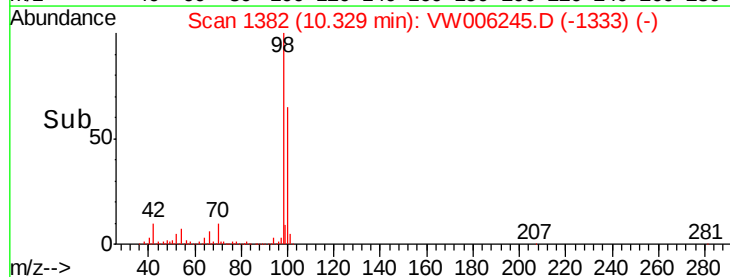
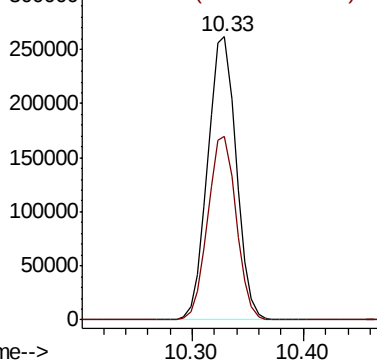
98 100

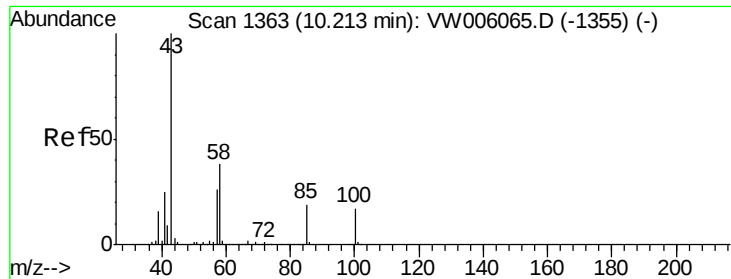
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.225 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006245.D

Acq: 22 Oct 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

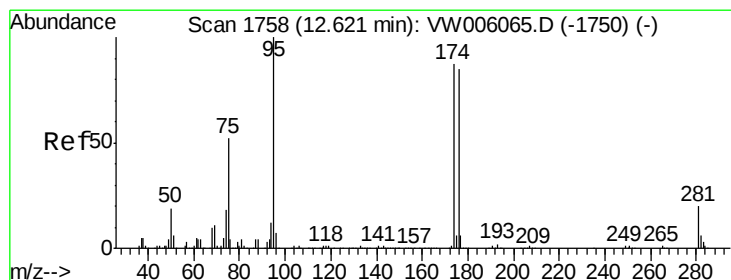
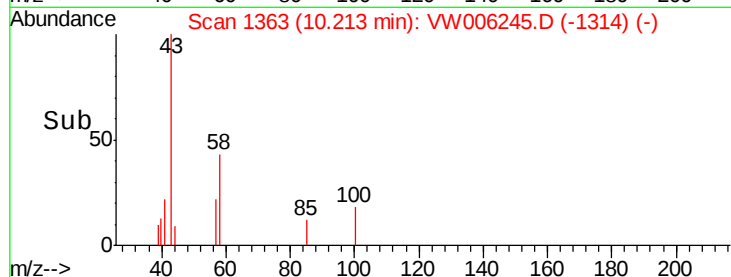
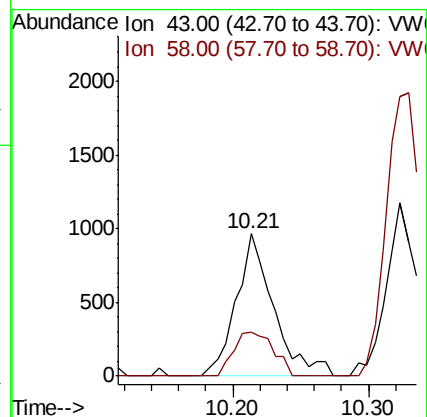
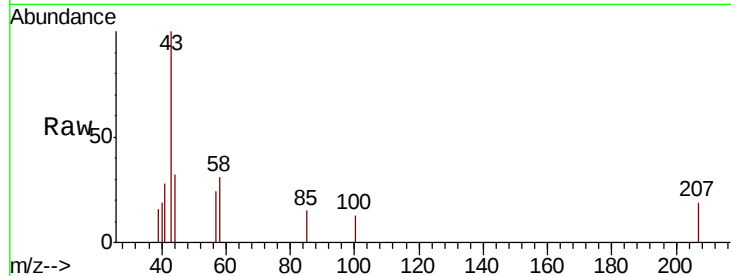
VW1022SBL01

Tot Ion: 43 Resp: 1854

Ion Ratio Lower Upper

43 100

58 32.8 31.5 47.3



#62

4-Bromofluorobenzene

Concen: 47.265 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006245.D

Acq: 22 Oct 2018 12:26

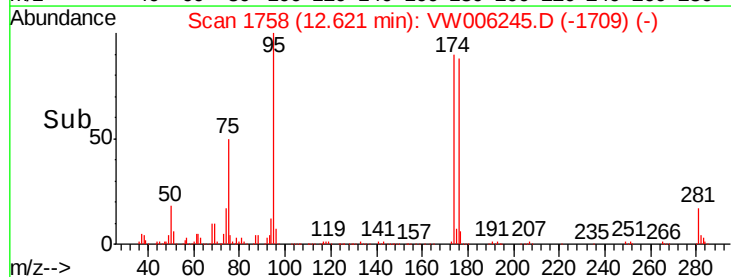
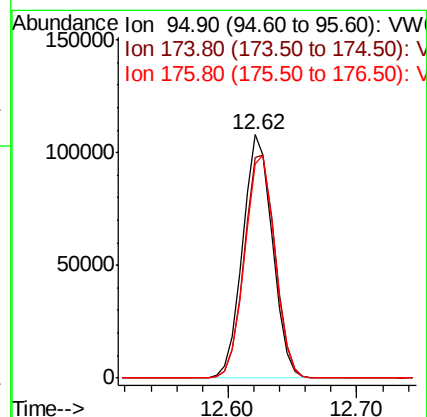
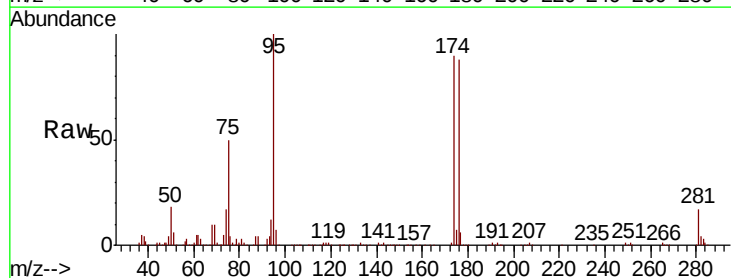
Tgt Ion: 95 Resp: 172154

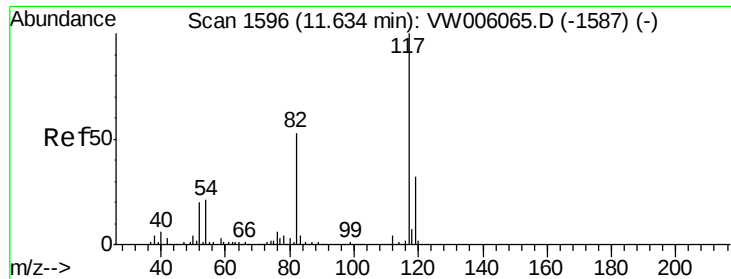
Ion Ratio Lower Upper

95 100

174 95.1 0.0 186.0

176 92.7 0.0 181.6

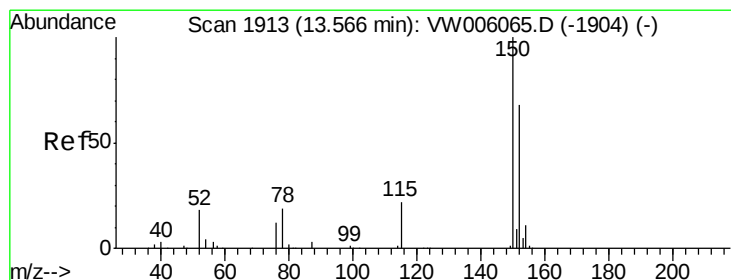
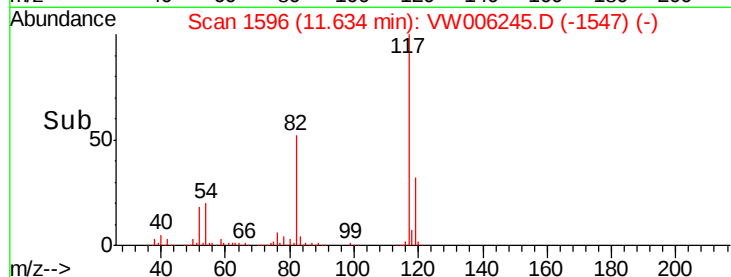
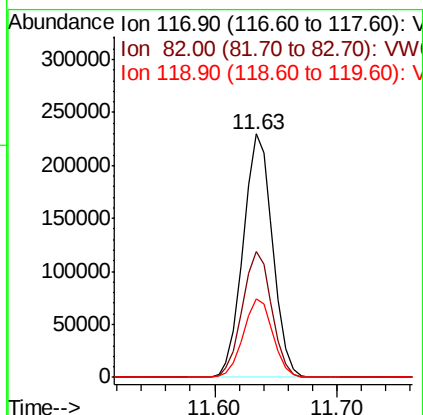
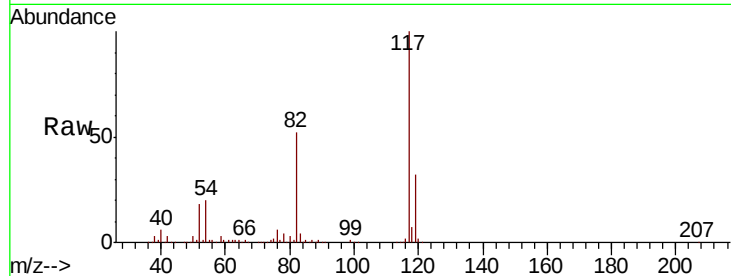




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006245.D
Acq: 22 Oct 2018 12:26

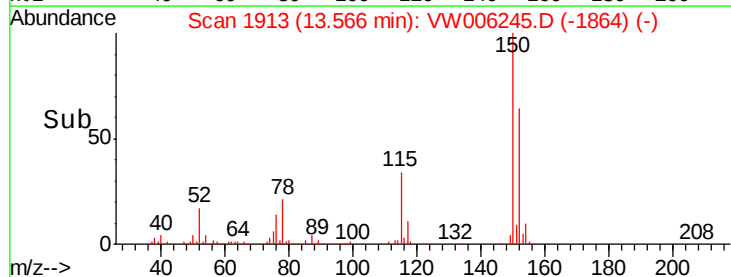
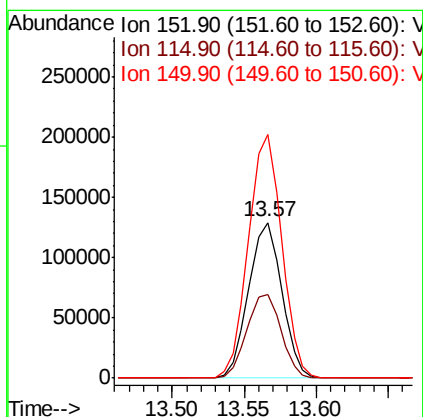
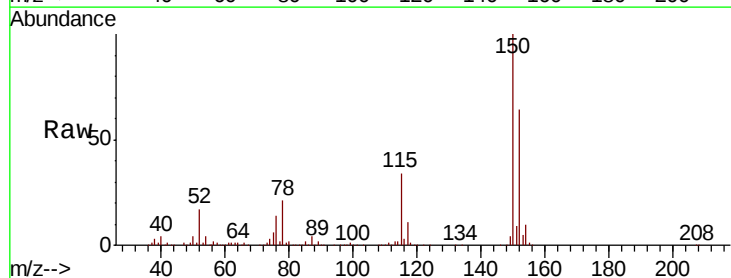
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBL01

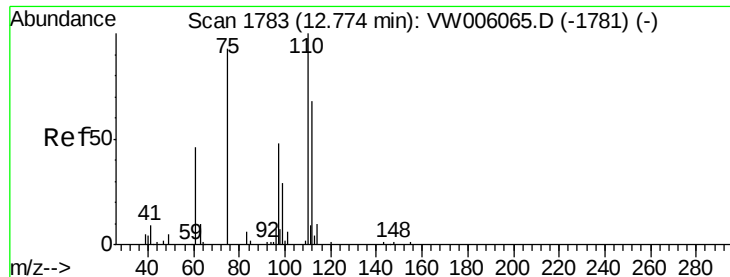
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.1	63.1
119	32.5	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006245.D
Acq: 22 Oct 2018 12:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.8	83.3
150	157.0	0.0	349.2





#76

1,2,3-Trichloropropane

Concen: 54.329 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006245.D

Acq: 22 Oct 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

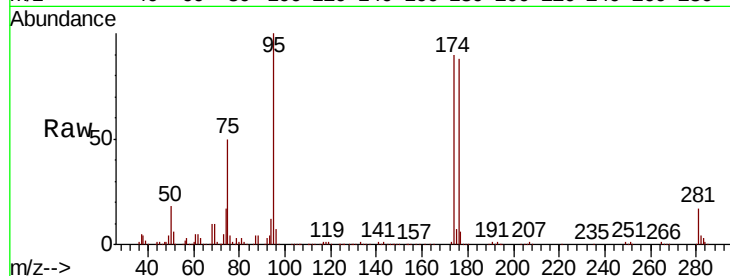
VW1022SBL01

Tot Ion: 75 Resp: 85586

Ion Ratio Lower Upper

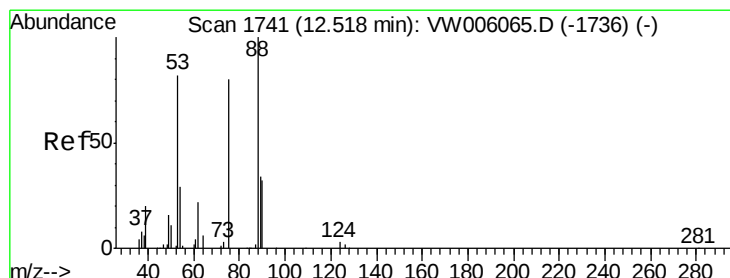
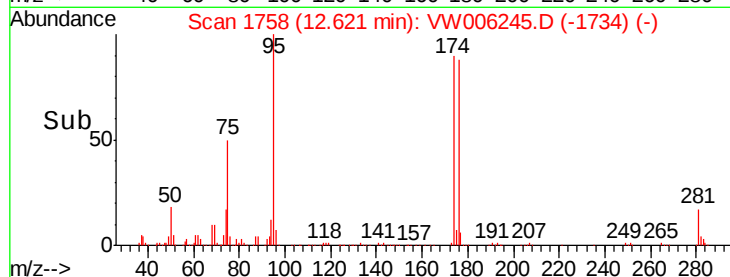
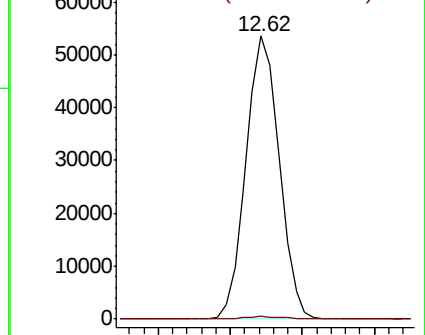
75 100

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: 129.868 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006245.D

Acq: 22 Oct 2018 12:26

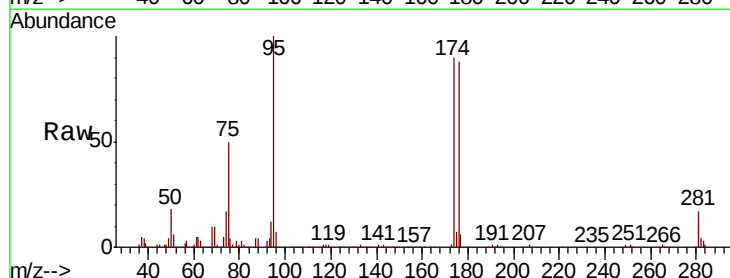
Tgt Ion: 75 Resp: 85586

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

