

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006227.D
 Acq On : 19 Oct 2018 16:12
 Operator : VA/AP
 Sample : J5575-15RE
 Misc : 5.73G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-24-T

Quant Time: Oct 20 01:19:44 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

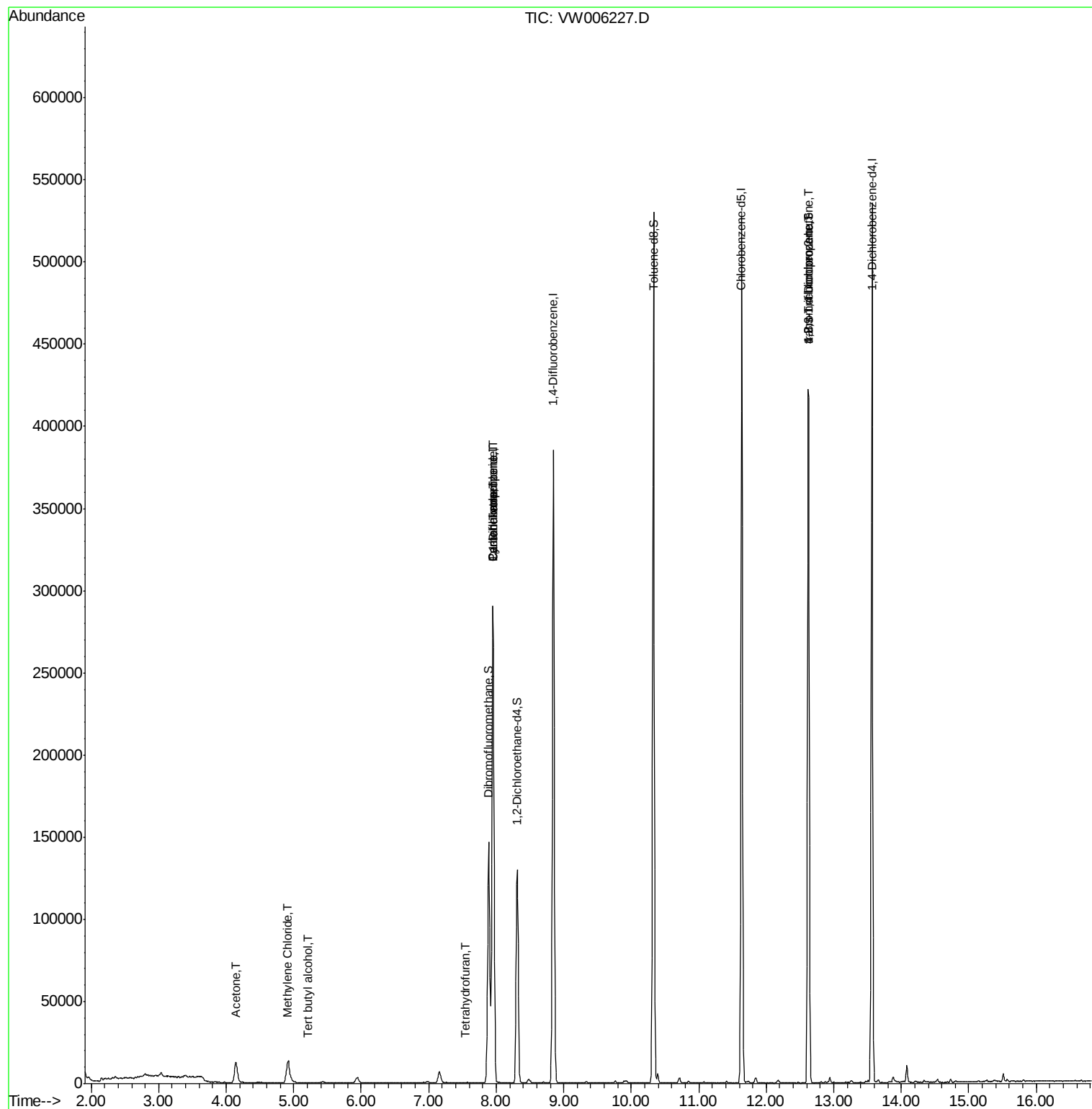
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	341640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	147023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	103951	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
35) Dibromofluoromethane	7.89	113	101629	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
50) Toluene-d8	10.33	98	368475	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.62	95	130806	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.21	59	139	1.060	ug/l #	71
16) Acetone	4.14	43	24686	55.979	ug/l	91
20) Methylene Chloride	4.91	84	11342	3.999	ug/l #	93
29) Tetrahydrofuran	7.56	42	371	1.146	ug/l #	31
31) Cyclohexane	7.95	56	4346	1.218	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	15366	4.880	ug/l #	49
38) Carbon Tetrachloride	7.95	117	20607	5.970	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	66544	59.257	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66544	141.648	ug/l #	10

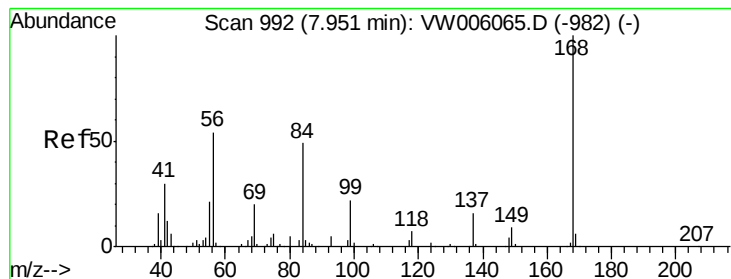
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101918\
Data File : VW006227.D
Acq On : 19 Oct 2018 16:12
Operator : VA/AP
Sample : J5575-15RE
Misc : 5.73G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-24-T

Quant Time: Oct 20 01:19:44 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: VW006227.D

Acq: 19 Oct 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

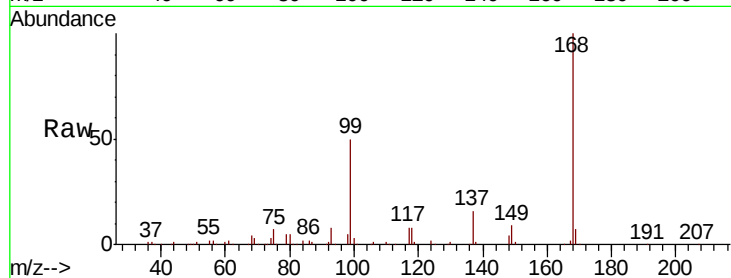
SSSI-1015-S-DH-24-T

Tot Ion:168 Resp: 235244

Ion Ratio Lower Upper

168 100

99 49.8 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

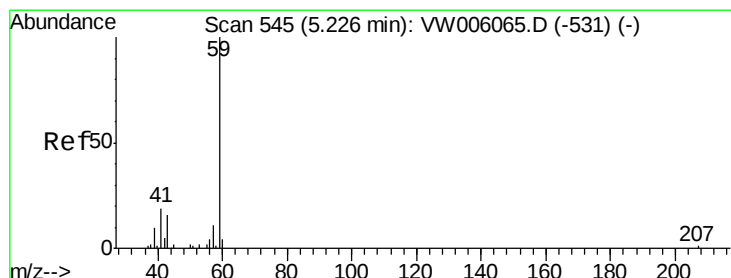
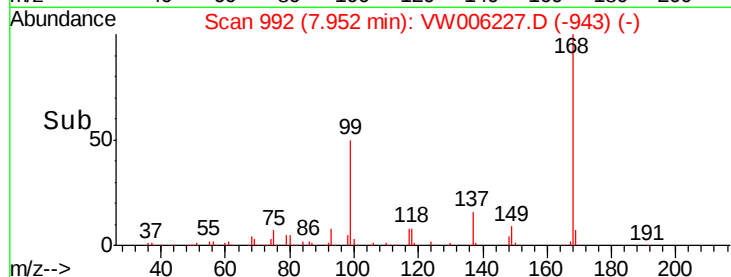
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.060 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.02 min

Lab File: VW006227.D

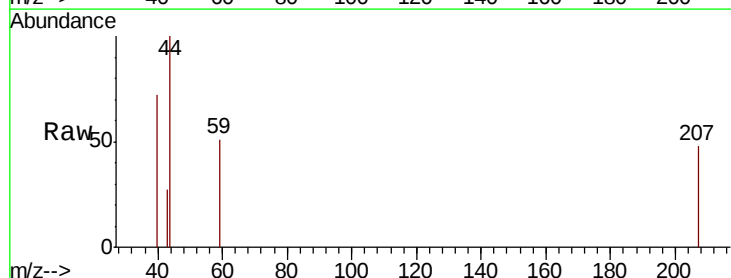
Acq: 19 Oct 2018 16:12

Tgt Ion: 59 Resp: 139

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

120

100

80

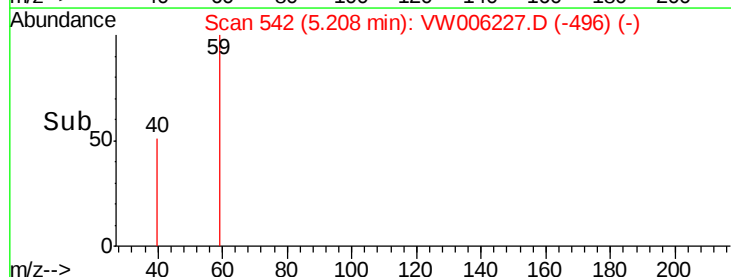
60

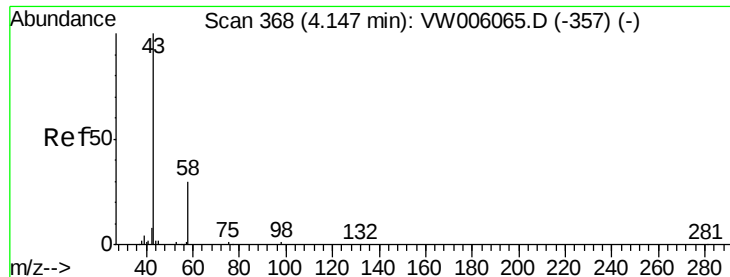
40

20

0

Time-->





#16

Acetone

Concen: 55.979 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006227.D

Acq: 19 Oct 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

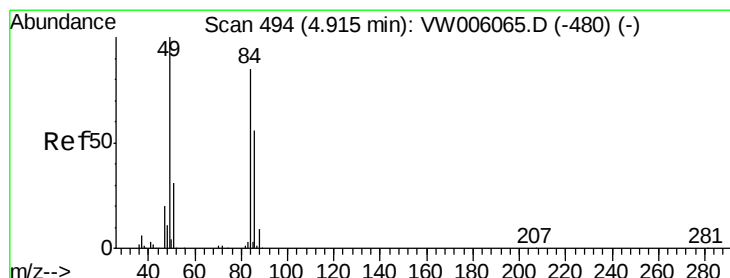
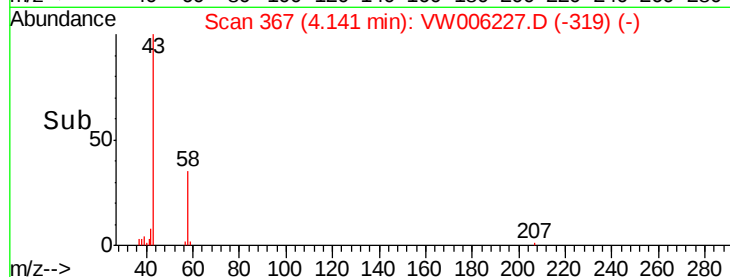
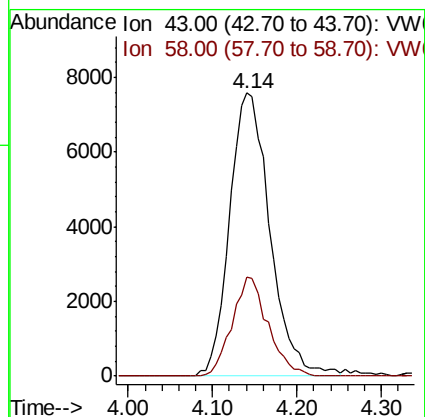
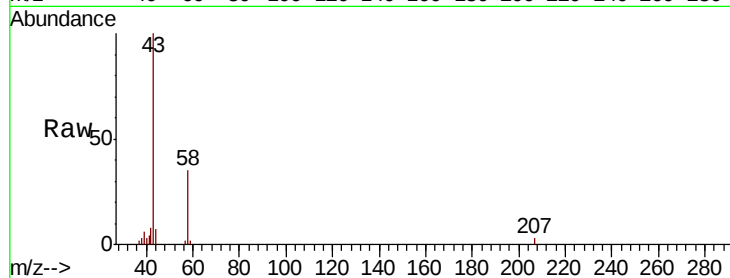
SSSI-1015-S-DH-24-T

Tot Ion: 43 Resp: 24686

Ion Ratio Lower Upper

43 100

58 34.9 24.0 36.0



#20

Methylene Chloride

Concen: 3.999 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006227.D

Acq: 19 Oct 2018 16:12

Tgt Ion: 84 Resp: 11342

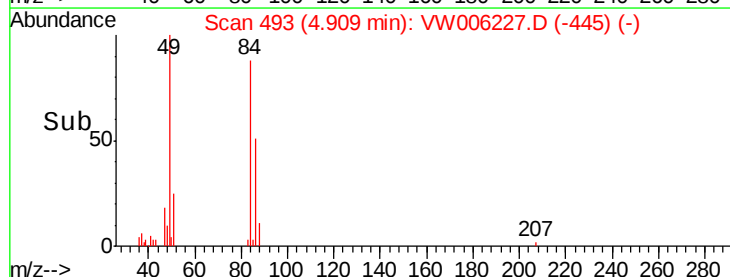
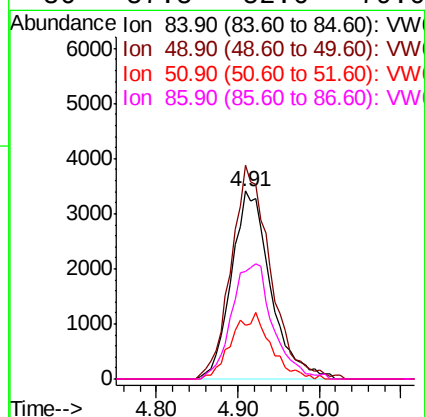
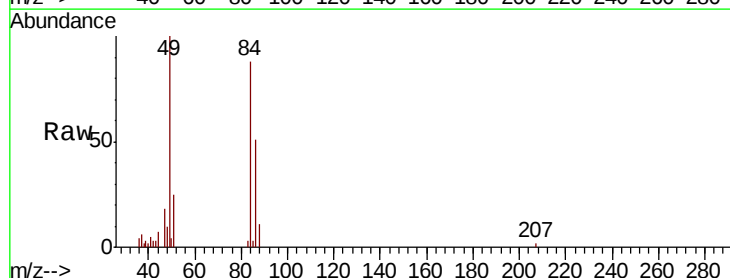
Ion Ratio Lower Upper

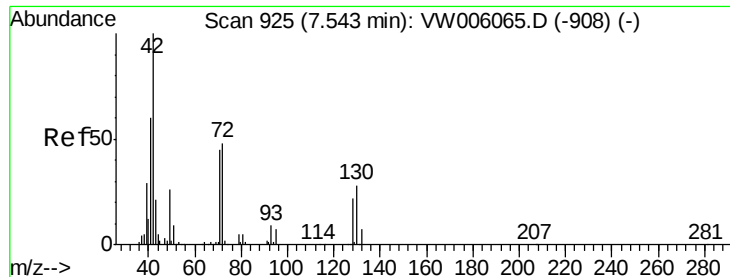
84 100

49 113.6 93.6 140.4

51 28.9 29.0 43.4#

86 57.5 52.6 79.0





#29

Tetrahydrofuran

Concen: 1.146 ug/l

RT: 7.56 min Scan# 927

Delta R.T. 0.01 min

Lab File: VW006227.D

Acq: 19 Oct 2018 16:12

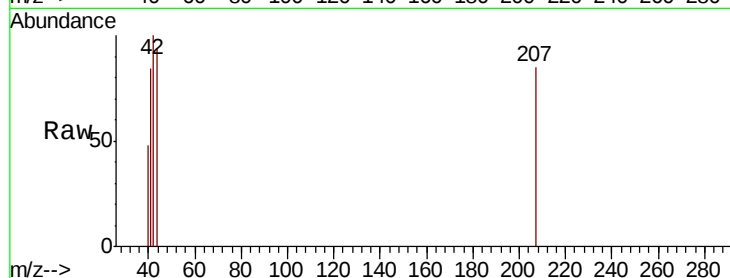
Instrument :

MSVOA_W

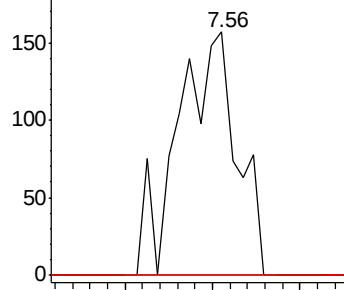
ClientSampleId :

SSSI-1015-S-DH-24-T

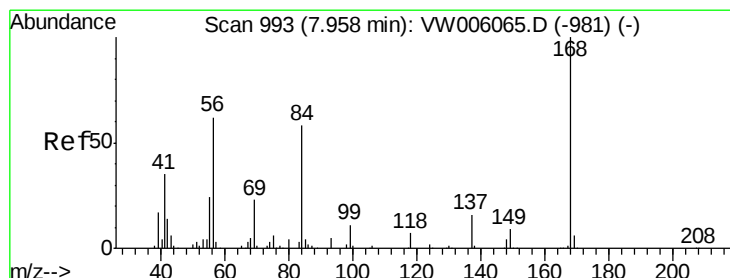
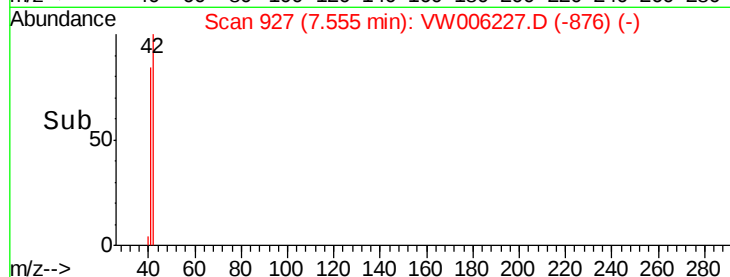
Tot Ion:	42	Resp:	371
Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.0	57.0#
71	0.0	35.3	52.9#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



Time-->



#31

Cyclohexane

Concen: 1.218 ug/l

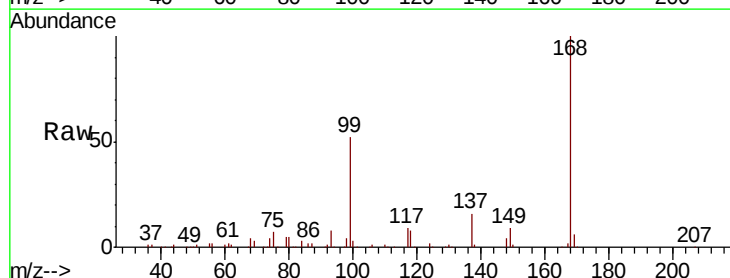
RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

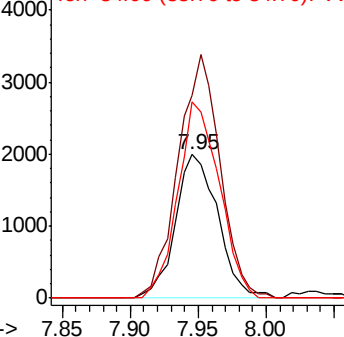
Lab File: VW006227.D

Acq: 19 Oct 2018 16:12

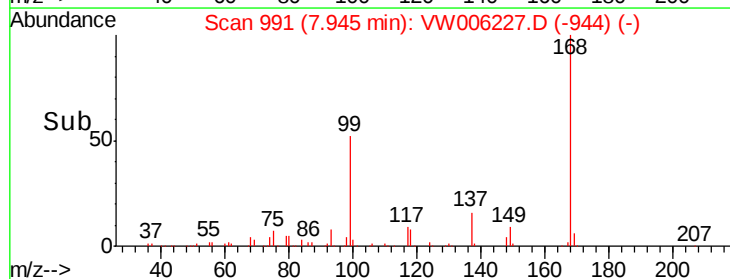
Tgt Ion:	56	Resp:	4346
Ion	Ratio	Lower	Upper
56	100		
69	141.6	29.4	44.0#
84	137.0	74.0	111.0#

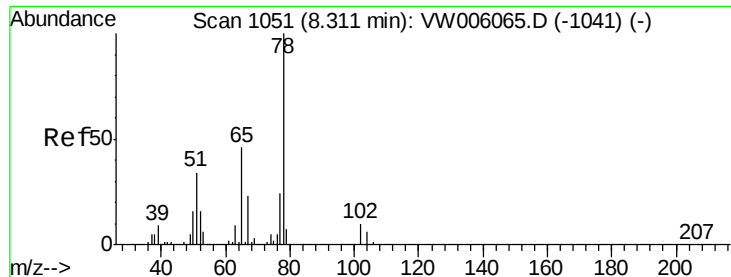


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.300 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006227.D

Acq: 19 Oct 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

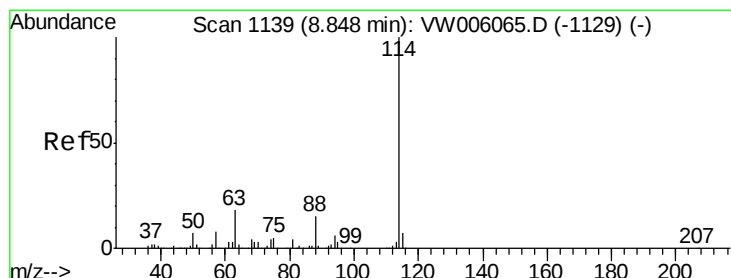
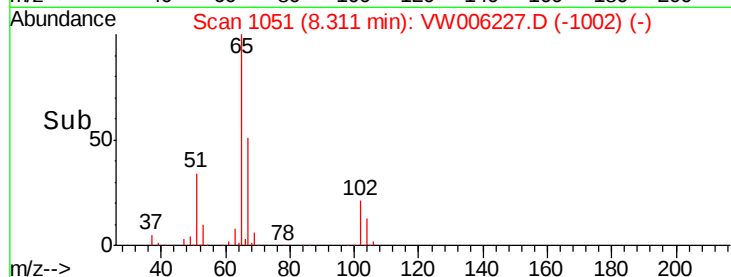
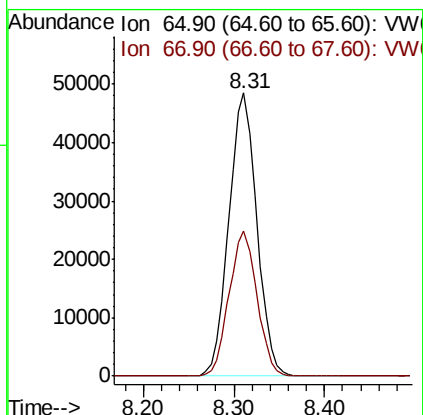
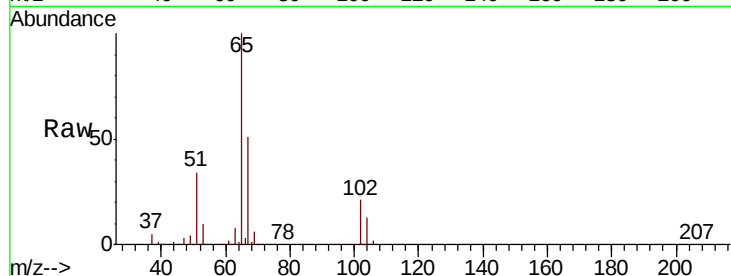
SSSI-1015-S-DH-24-T

Tot Ion: 65 Resp: 103951

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006227.D

Acq: 19 Oct 2018 16:12

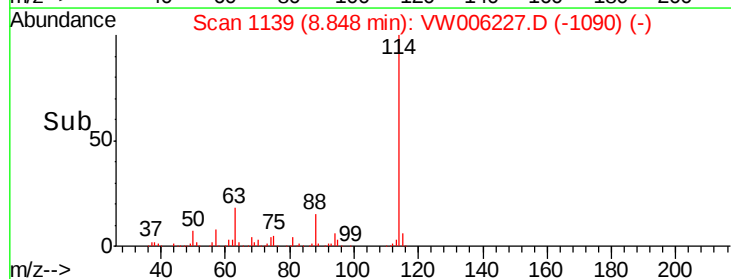
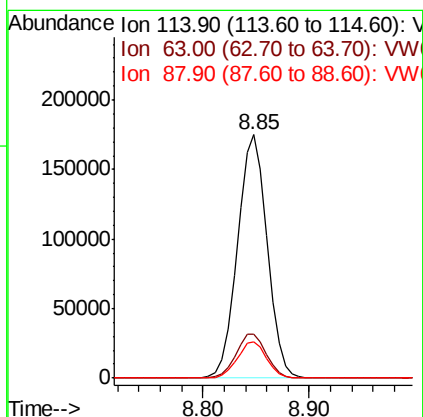
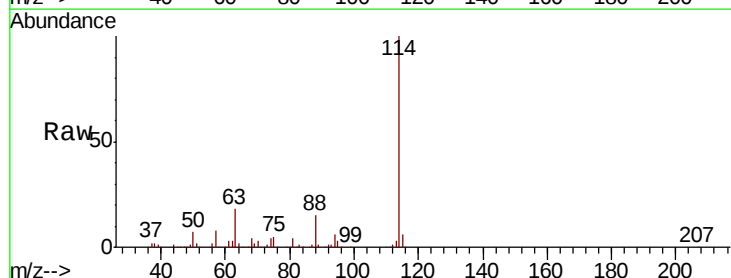
Tgt Ion: 114 Resp: 341640

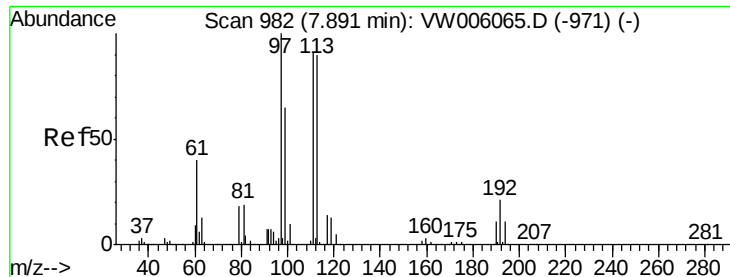
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.8

88 14.8 0.0 29.0

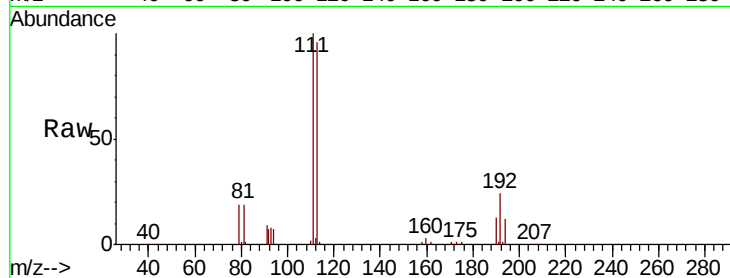




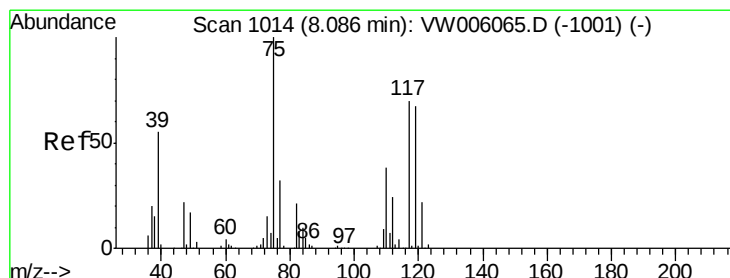
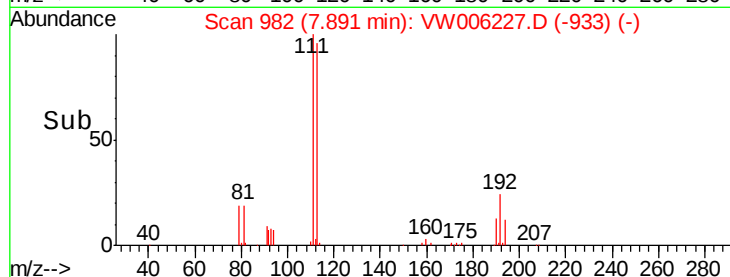
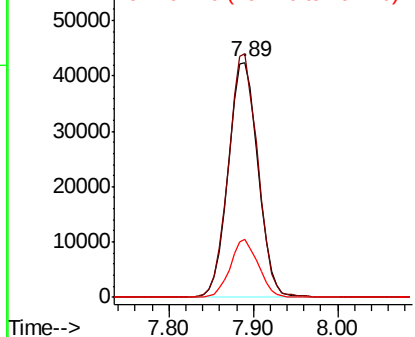
#35
 Dibromofluoromethane
 Concen: 50.343 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006227.D
 Acq: 19 Oct 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-24-T

Tot Ion:113 Resp: 101629
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 23.2 18.7 28.1

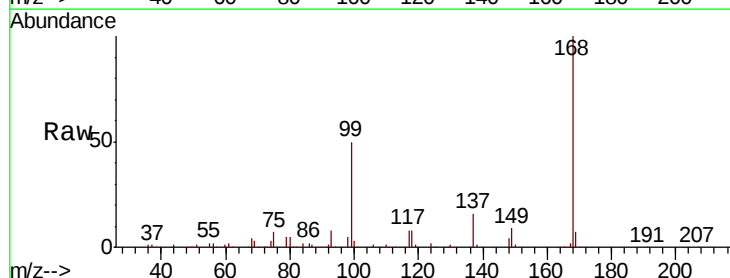


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

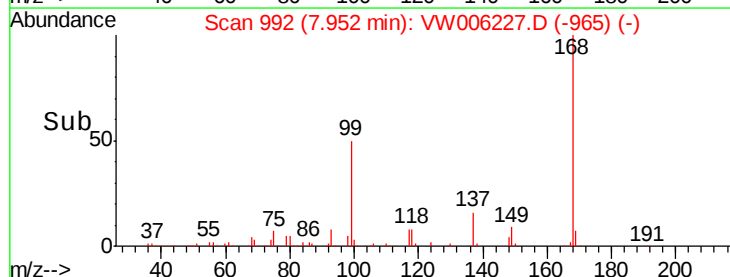
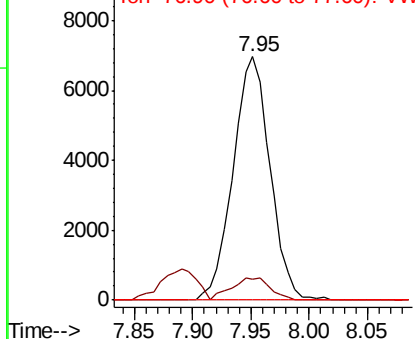


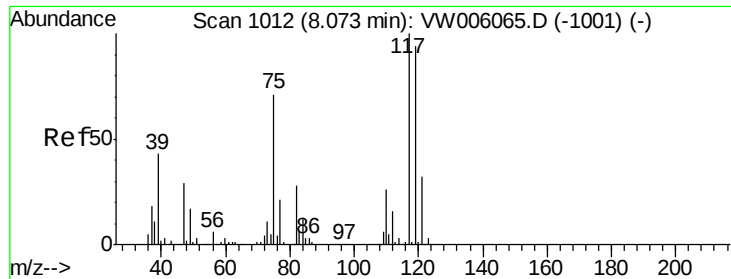
#36
 1,1-Dichloropropene
 Concen: 4.880 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006227.D
 Acq: 19 Oct 2018 16:12

Tgt Ion: 75 Resp: 15366
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.1 57.1#
 77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.970 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006227.D

Acq: 19 Oct 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-24-T

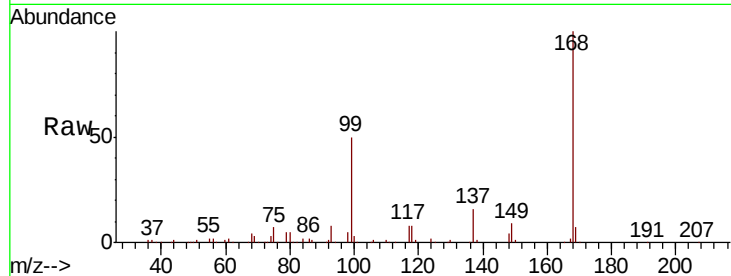
Tot Ion:117 Resp: 20607

Ion Ratio Lower Upper

117 100

119 6.1 75.2 112.8#

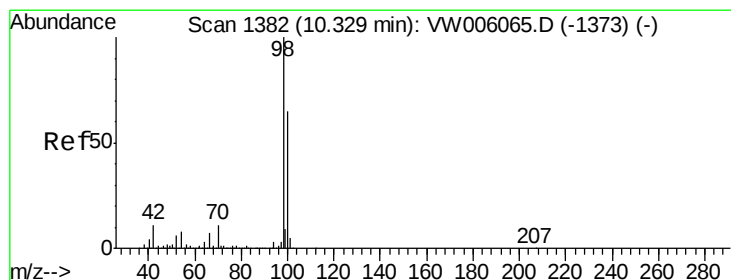
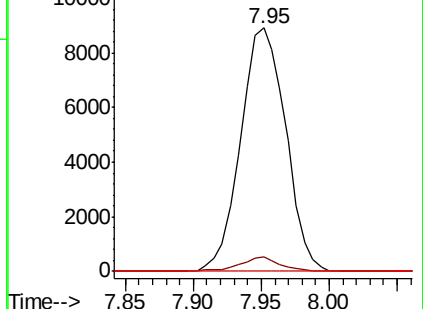
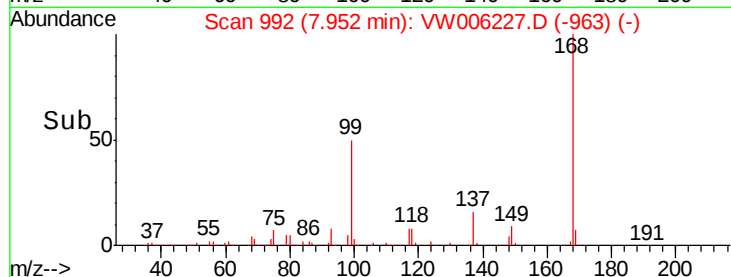
121 0.0 25.3 37.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 47.977 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006227.D

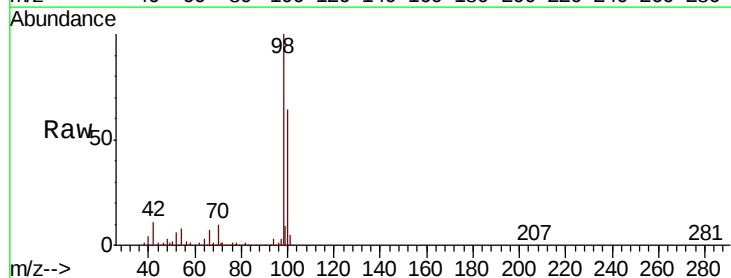
Acq: 19 Oct 2018 16:12

Tgt Ion: 98 Resp: 368475

Ion Ratio Lower Upper

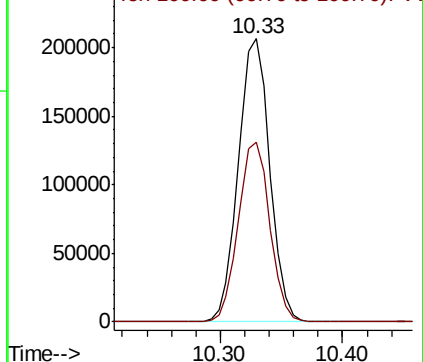
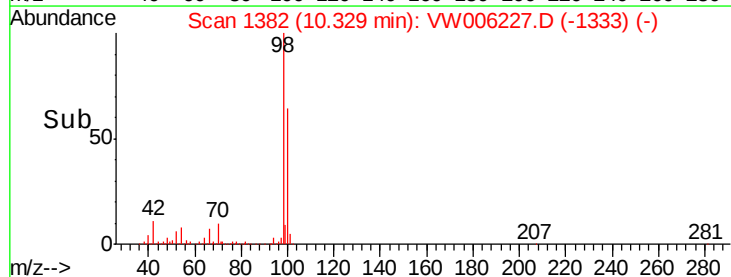
98 100

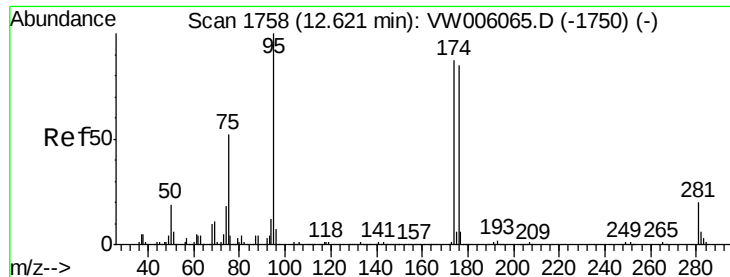
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

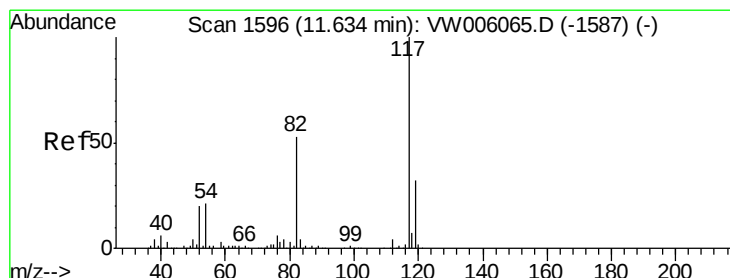
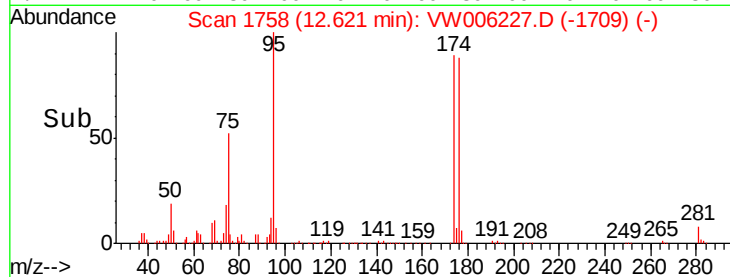
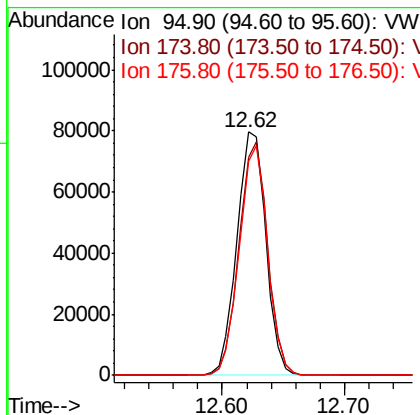
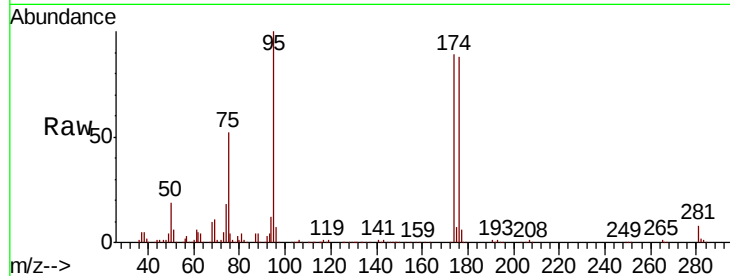




#62
4-Bromofluorobenzene
Concen: 45.346 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006227.D
Acq: 19 Oct 2018 16:12

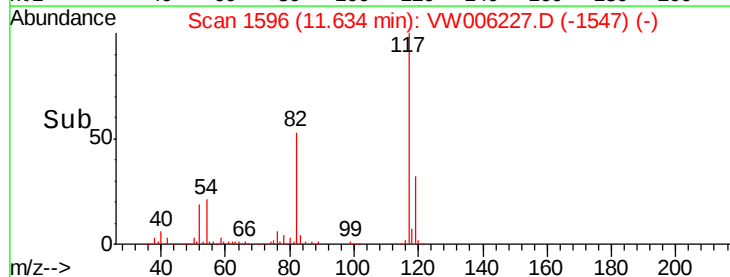
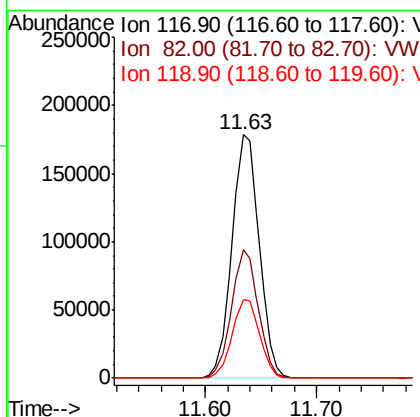
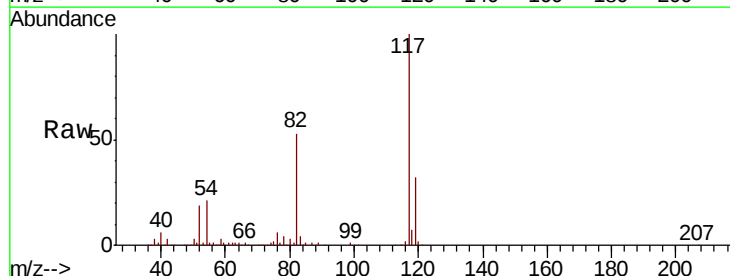
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-24-T

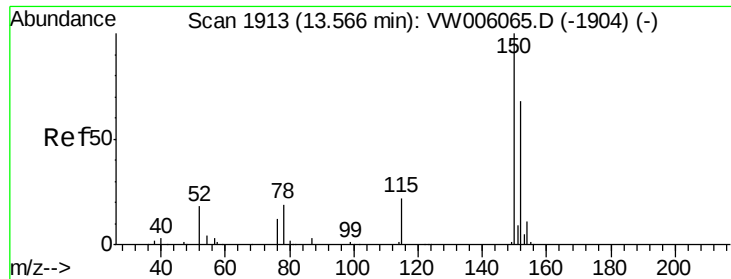
Tot Ion	95	Resp	130806
Ion Ratio	100		
Lower		0.0	186.0
Upper		0.0	181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006227.D
Acq: 19 Oct 2018 16:12

Tgt Ion	117	Resp	301734
Ion Ratio	100		
Lower		42.1	63.1
Upper		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: VW006227.D

Acq: 19 Oct 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-24-T

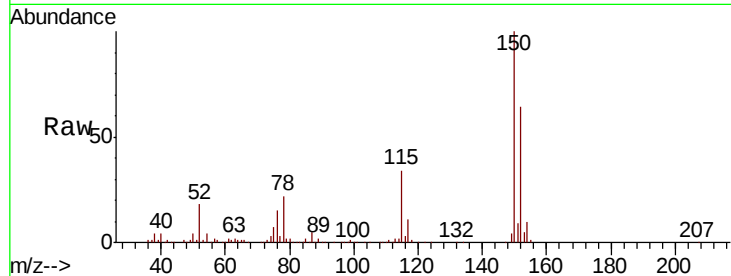
Tot Ion:152 Resp: 147023

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.3

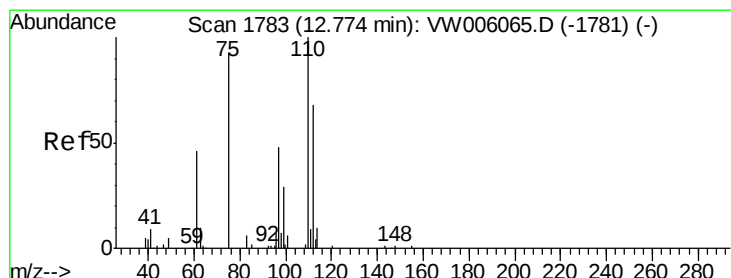
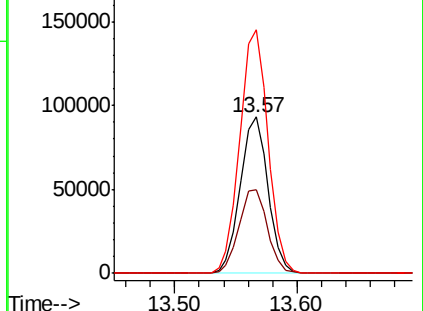
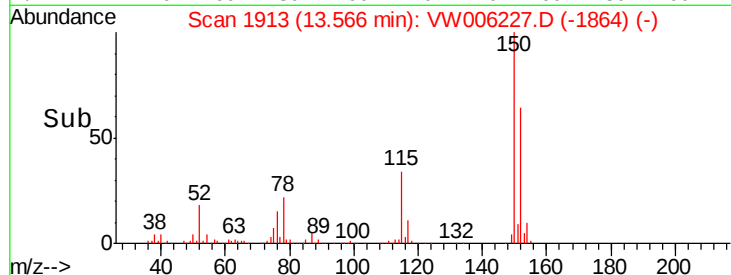
150 157.6 0.0 349.2



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: 59.257 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006227.D

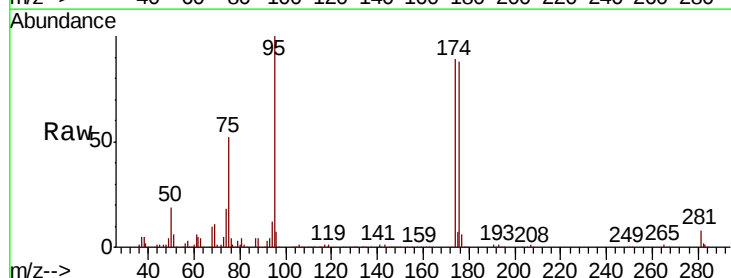
Acq: 19 Oct 2018 16:12

Tgt Ion: 75 Resp: 66544

Ion Ratio Lower Upper

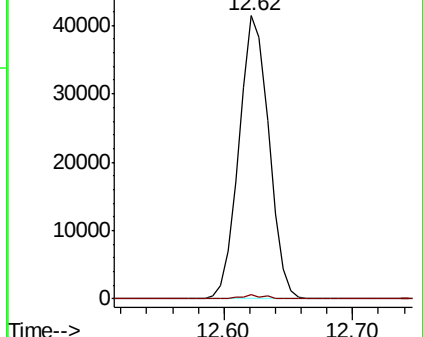
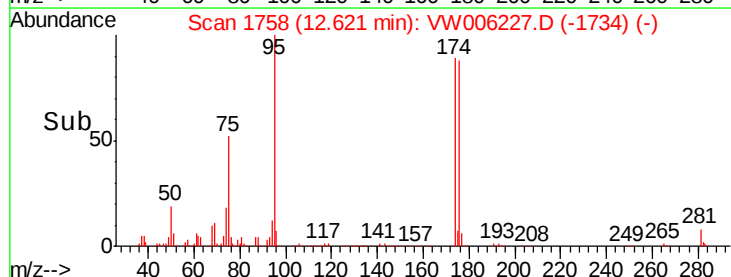
75 100

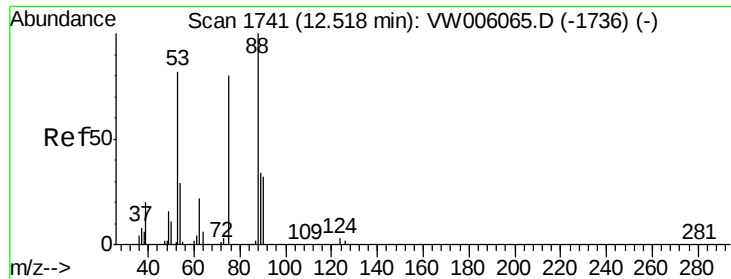
77 1.1 0.0 0.0#



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: 141.648 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006227.D

Acq: 19 Oct 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-24-T

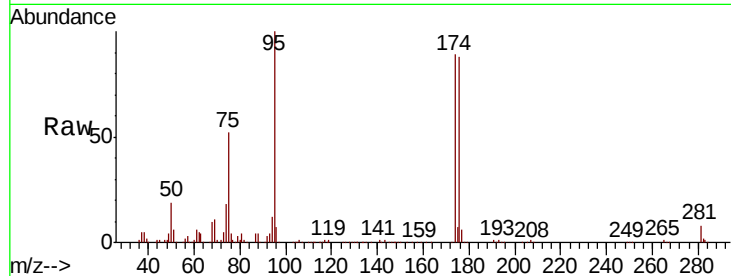
Tot Ion: 75 Resp: 66544

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 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

