

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006177.D
 Acq On : 18 Oct 2018 15:53
 Operator : VA/AP
 Sample : J5575-07
 Misc : 5.5G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-25A-T

Quant Time: Oct 19 06:02:09 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	275027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	394674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183342	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	112086	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
35) Dibromofluoromethane	7.88	113	110561	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
50) Toluene-d8	10.33	98	409948	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	
62) 4-Bromofluorobenzene	12.62	95	150005	45.01	ug/l	0.00
Spiked Amount			Recovery	=	90.02%	

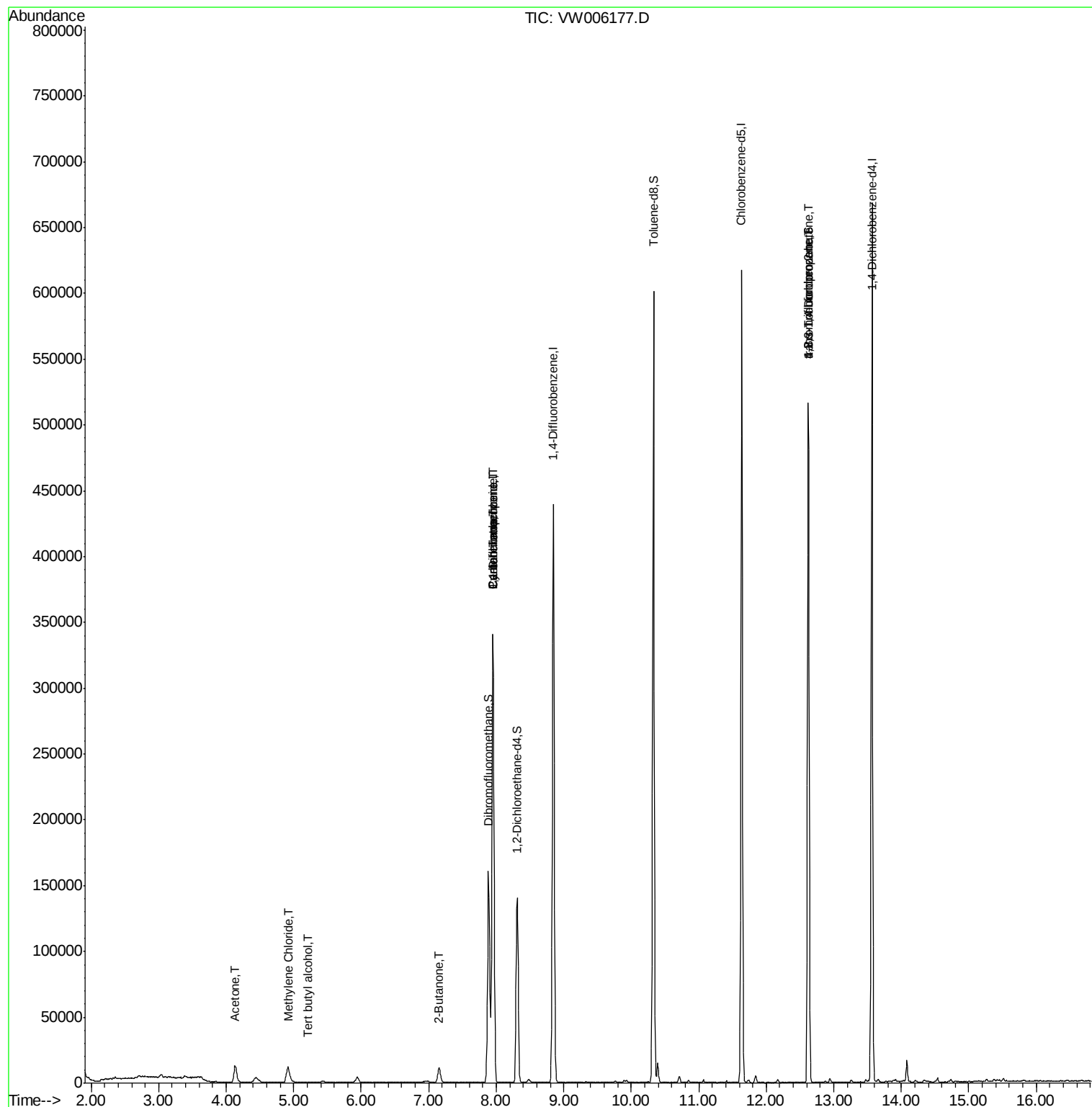
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	744	4.852	ug/l #	71
16) Acetone	4.14	43	24083	44.107	ug/l	99
20) Methylene Chloride	4.92	84	9735	2.488	ug/l	93
25) 2-Butanone	7.14	43	856	1.390	ug/l #	46
31) Cyclohexane	7.95	56	4954	1.187	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	18161	4.992	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24427	6.125	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	77136	55.083	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	77136	131.669	ug/l #	10

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

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SSSI-1015-S-DH-25A-T

Quant Time: Oct 19 06:02:09 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: VW006177.D

Acq: 18 Oct 2018 15:53

Instrument :

MSVOA_W

ClientSampleId :

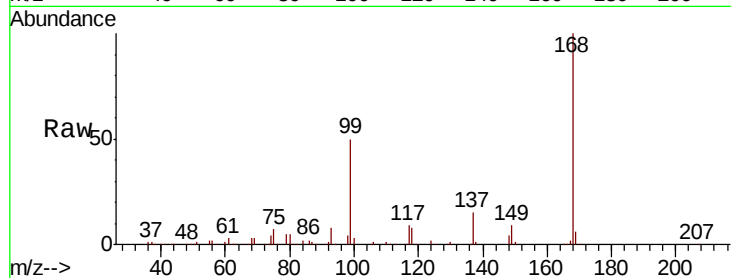
SSSI-1015-S-DH-25A-T

Tot Ion:168 Resp: 275027

Ion Ratio Lower Upper

168 100

99 49.7 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

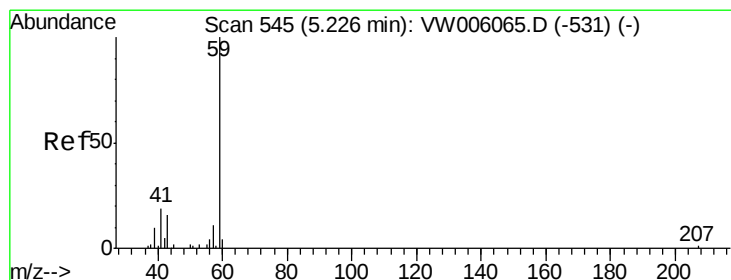
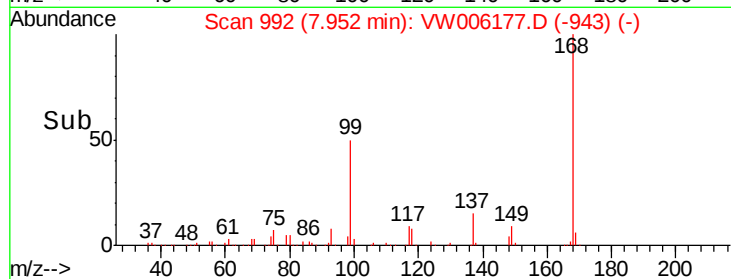
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.852 ug/l

RT: 5.20 min Scan# 540

Delta R.T. -0.03 min

Lab File: VW006177.D

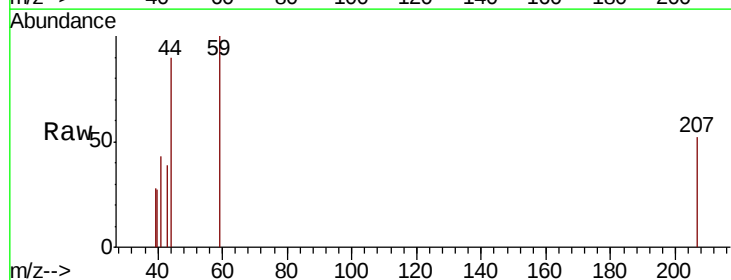
Acq: 18 Oct 2018 15:53

Tgt Ion: 59 Resp: 744

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

5.20

250

200

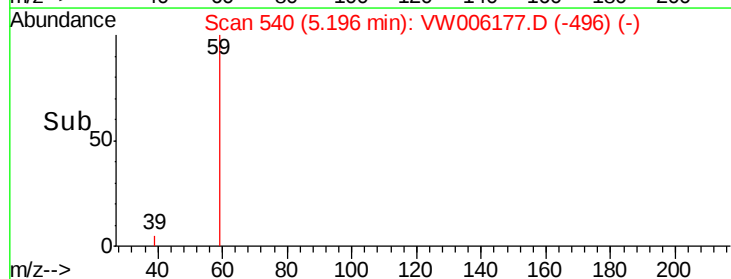
150

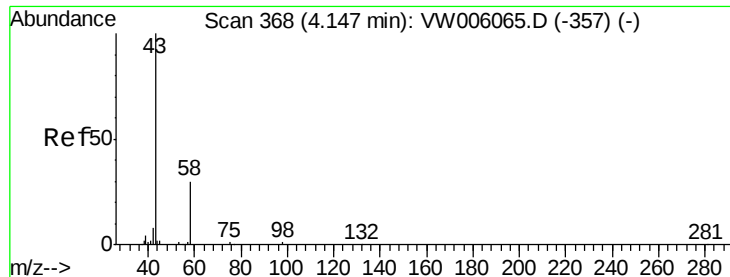
100

50

0

Time-->





#16

Acetone

Concen: 44.107 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006177.D

Acq: 18 Oct 2018 15:53

Instrument :

MSVOA_W

ClientSampleId :

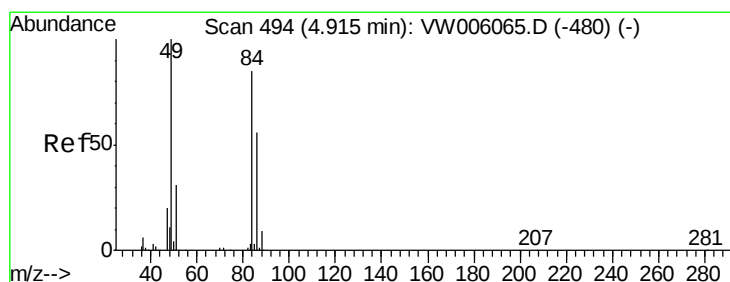
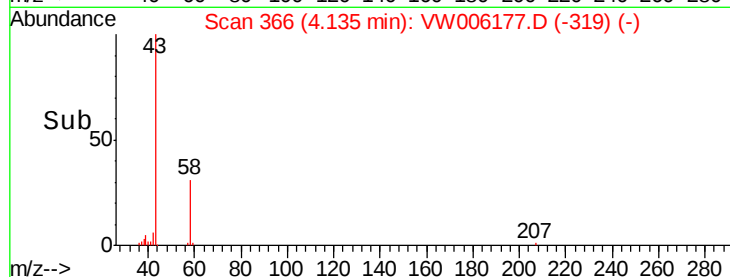
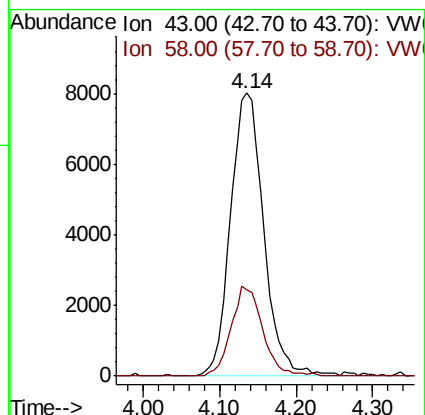
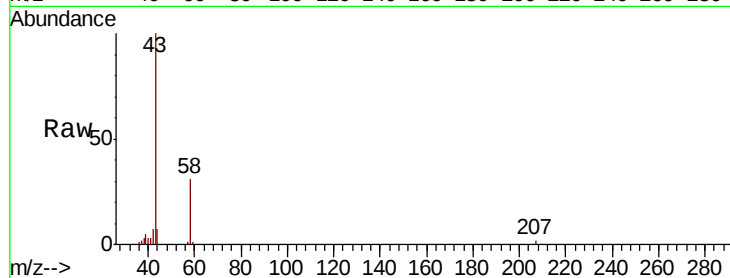
SSSI-1015-S-DH-25A-T

Tot Ion: 43 Resp: 24083

Ion Ratio Lower Upper

43 100

58 30.6 24.0 36.0



#20

Methylene Chloride

Concen: 2.488 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006177.D

Acq: 18 Oct 2018 15:53

Tgt Ion: 84 Resp: 9735

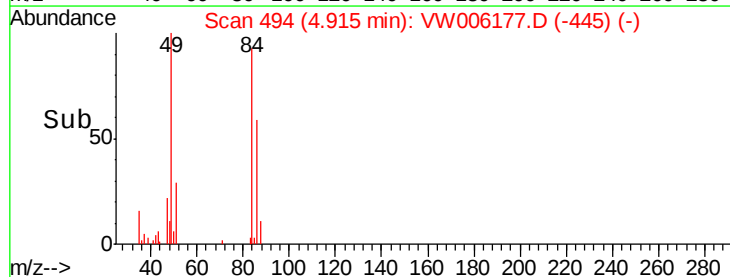
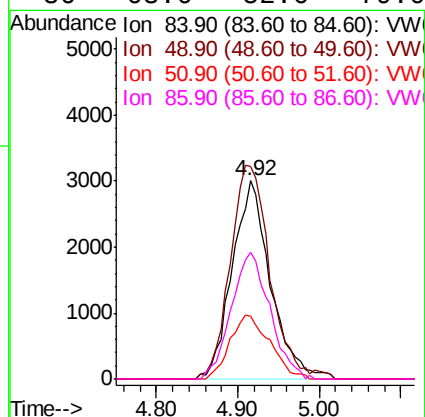
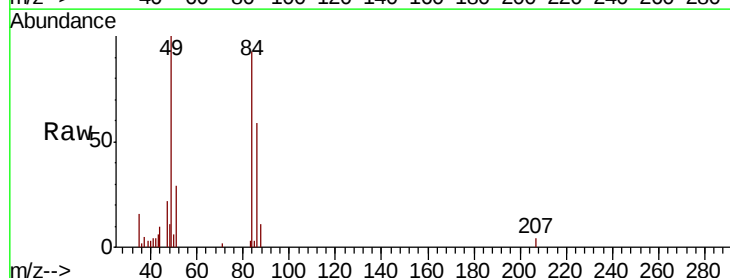
Ion Ratio Lower Upper

84 100

49 107.3 93.6 140.4

51 31.5 29.0 43.4

86 63.6 52.6 79.0





#25

2-Butanone

Concen: 1.390 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW006177.D

Acq: 18 Oct 2018 15:53

Instrument :

MSVOA_W

ClientSampleId :

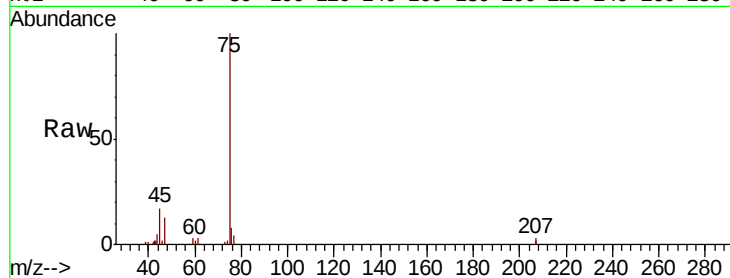
SSSI-1015-S-DH-25A-T

Tot Ion: 43 Resp: 856

Ion Ratio Lower Upper

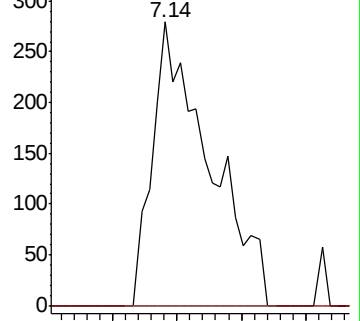
43 100

72 0.0 22.8 34.2#

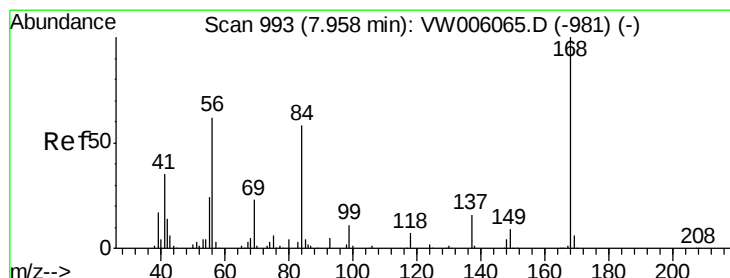
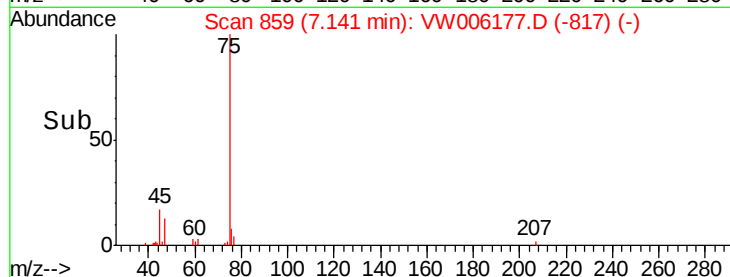


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#31

Cyclohexane

Concen: 1.187 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006177.D

Acq: 18 Oct 2018 15:53

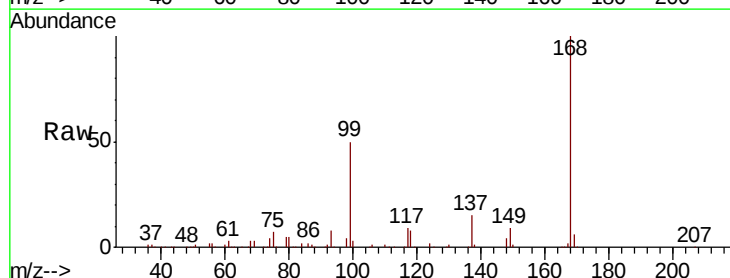
Tgt Ion: 56 Resp: 4954

Ion Ratio Lower Upper

56 100

69 166.3 29.4 44.0#

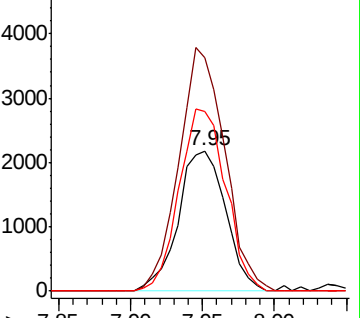
84 128.0 74.0 111.0#



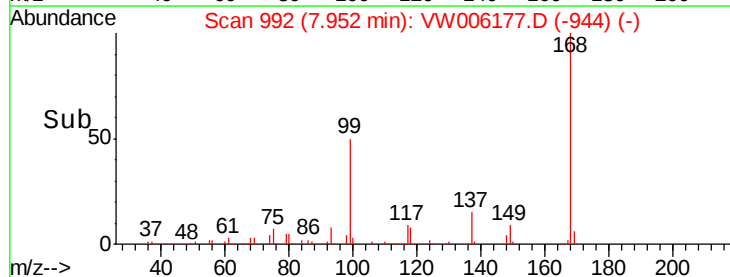
Abundance Ion 56.00 (55.70 to 56.70): VW

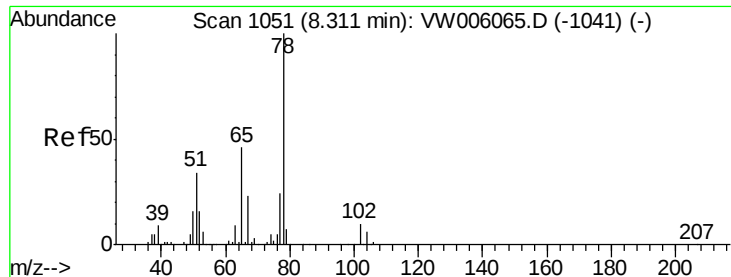
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



Time-->

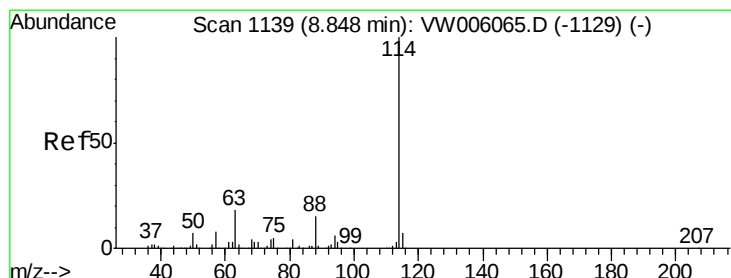
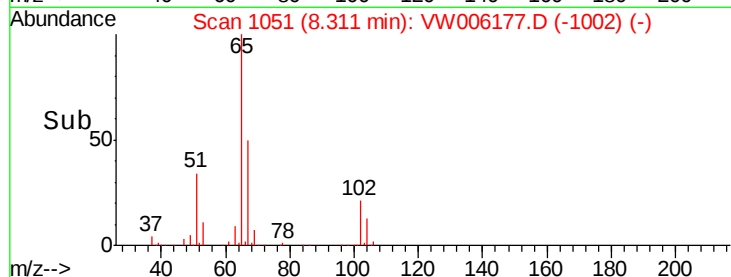
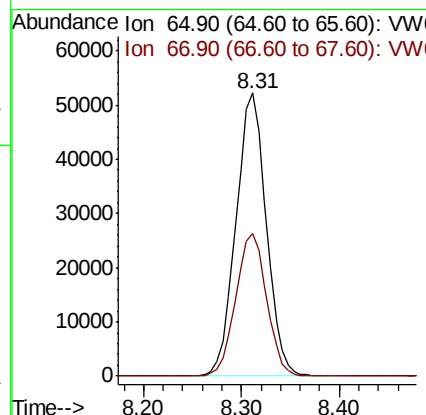
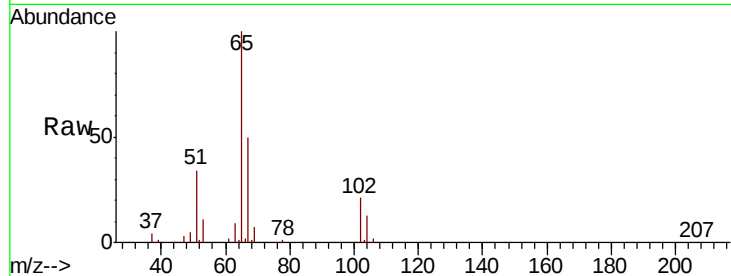




#33
 1,2-Dichloroethane-d4
 Concen: 49.158 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006177.D
 Acq: 18 Oct 2018 15:53

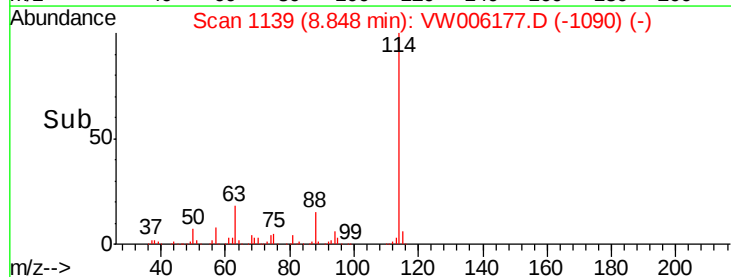
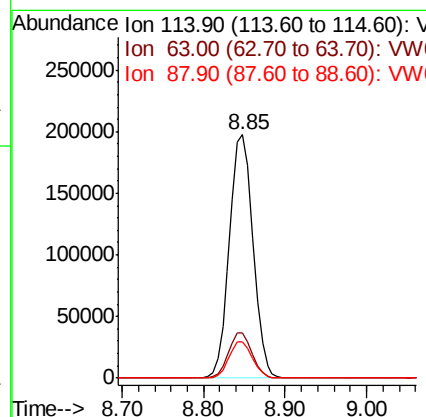
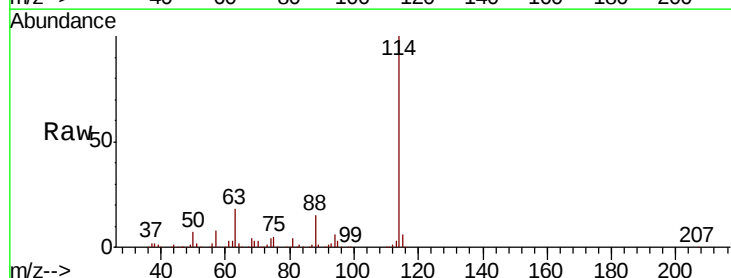
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-25A-T

Tot Ion: 65 Resp: 112086
 Ion Ratio Lower Upper
 65 100
 67 51.4 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: VW006177.D
 Acq: 18 Oct 2018 15:53

Tgt Ion: 114 Resp: 394674
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 15.0 0.0 29.0

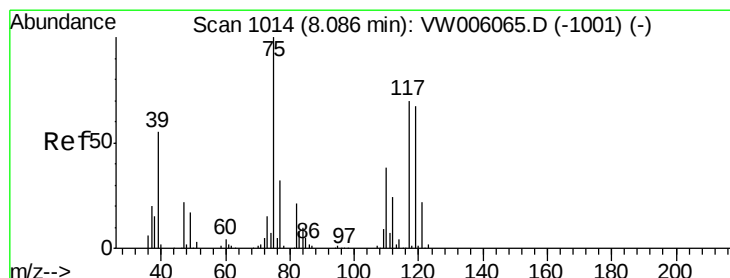
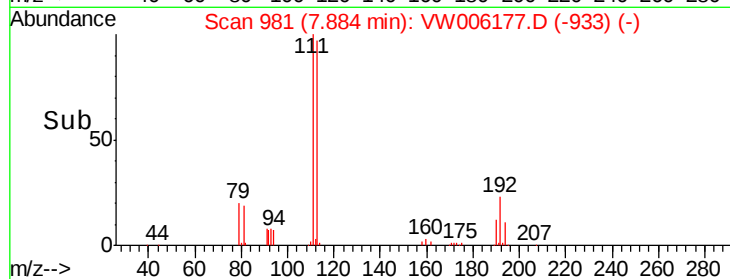
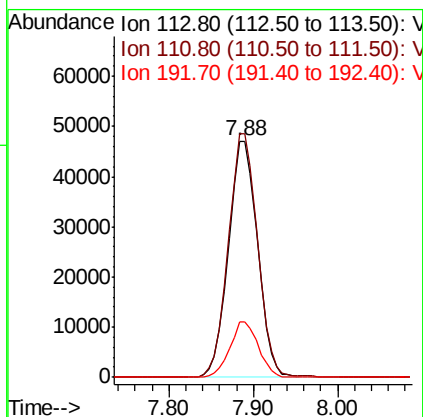
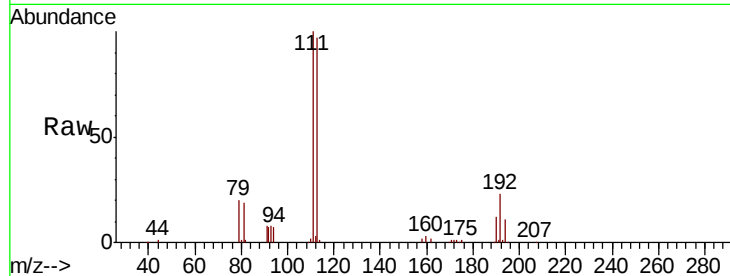




#35
 Dibromofluoromethane
 Concen: 47.408 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006177.D
 Acq: 18 Oct 2018 15:53

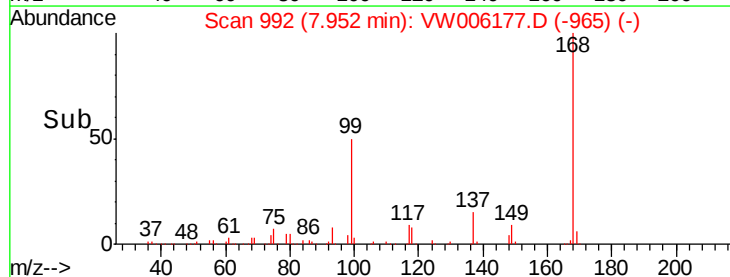
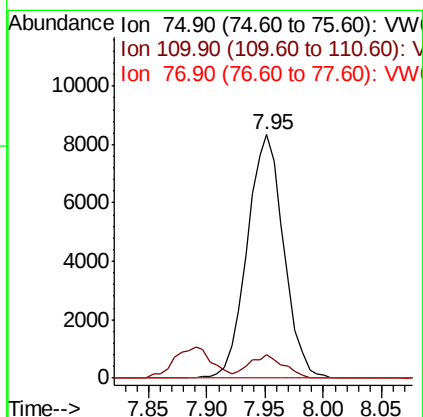
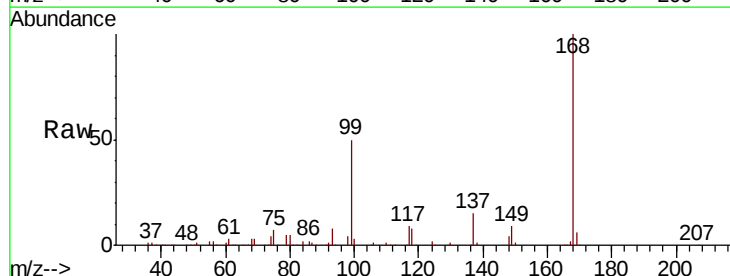
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-25A-T

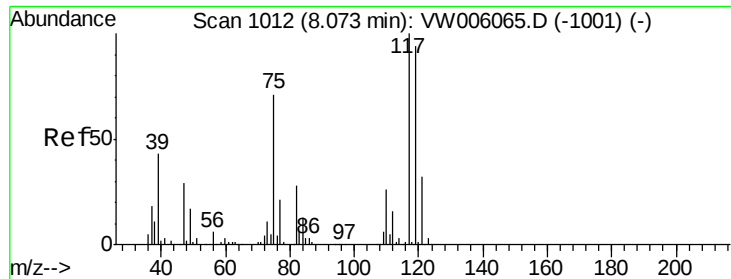
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	23.0	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 4.992 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006177.D
 Acq: 18 Oct 2018 15:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.1	57.1#
77	0.0	25.0	37.4#

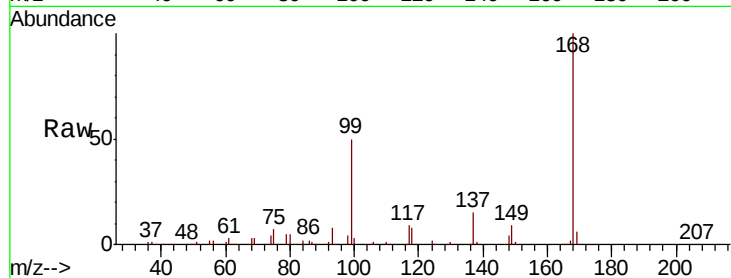




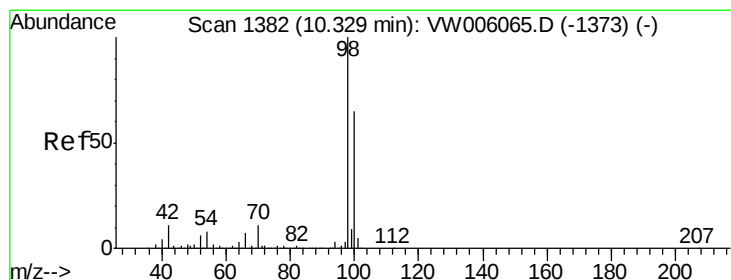
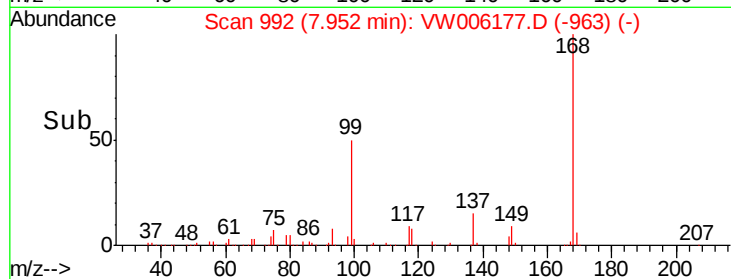
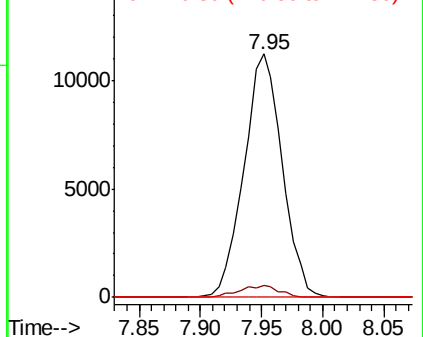
#38
Carbon Tetrachloride
Concen: 6.125 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006177.D
Acq: 18 Oct 2018 15:53

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-25A-T

Tot Ion:117 Resp: 24427
Ion Ratio Lower Upper
117 100
119 4.9 75.2 112.8#
121 0.0 25.3 37.9#

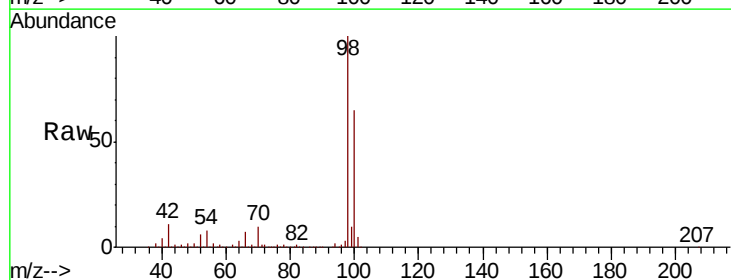


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

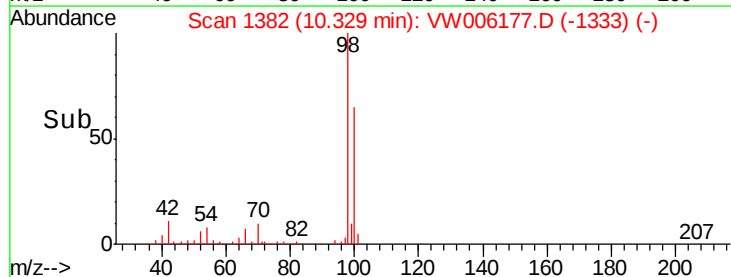
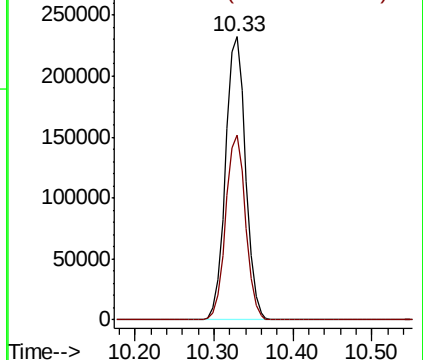


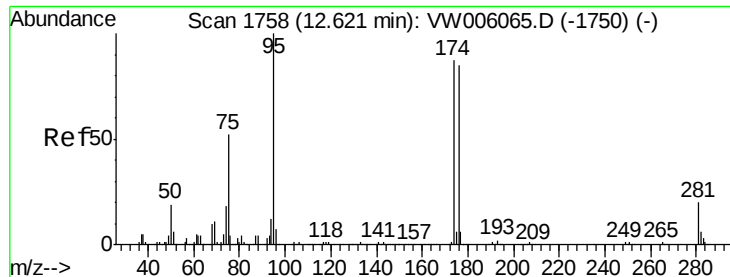
#50
Toluene-d8
Concen: 46.204 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006177.D
Acq: 18 Oct 2018 15:53

Tgt Ion: 98 Resp: 409948
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): V





#62

4-Bromofluorobenzene

Concen: 45.014 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006177.D

Acq: 18 Oct 2018 15:53

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-25A-T

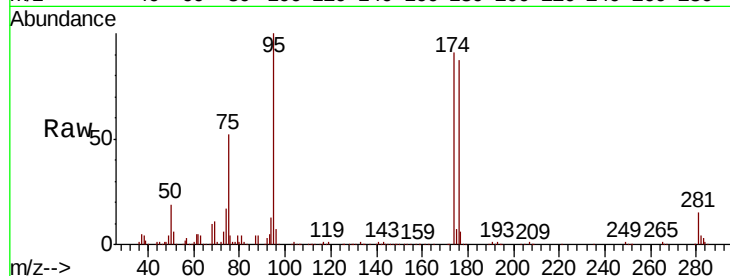
Tot Ion: 95 Resp: 150005

Ion Ratio Lower Upper

95 100

174 95.1 0.0 186.0

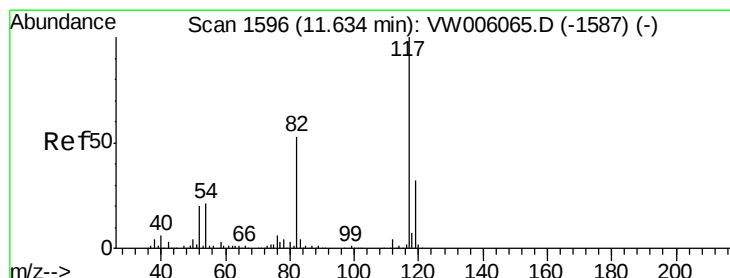
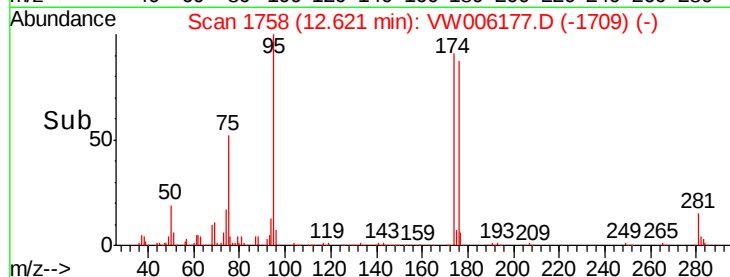
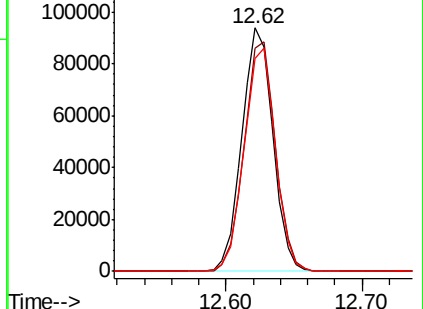
176 92.7 0.0 181.6



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: VW006177.D

Acq: 18 Oct 2018 15:53

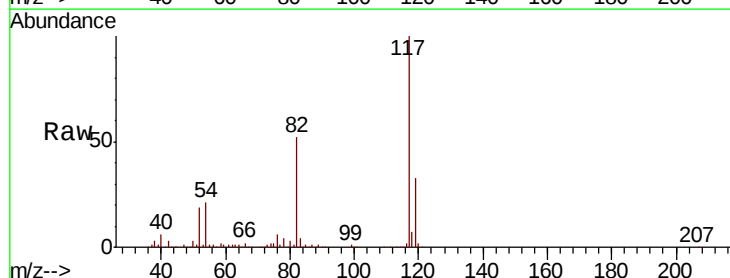
Tgt Ion: 117 Resp: 353083

Ion Ratio Lower Upper

117 100

82 52.3 42.1 63.1

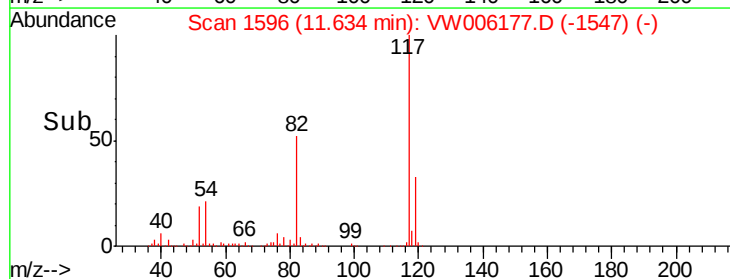
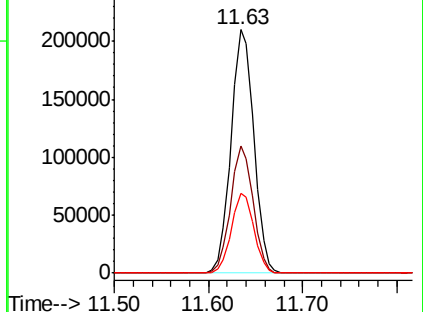
119 32.6 25.8 38.6

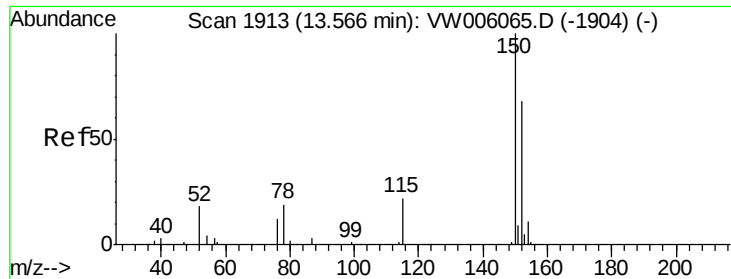


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



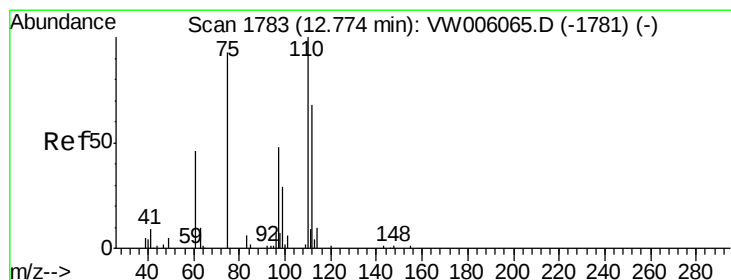
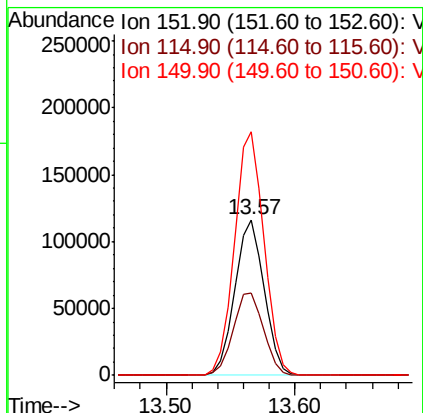
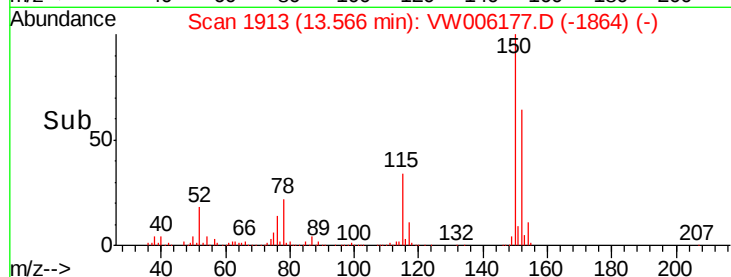
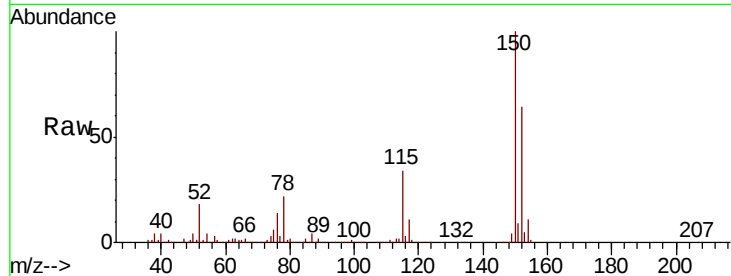


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006177.D
Acq: 18 Oct 2018 15:53

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-25A-T

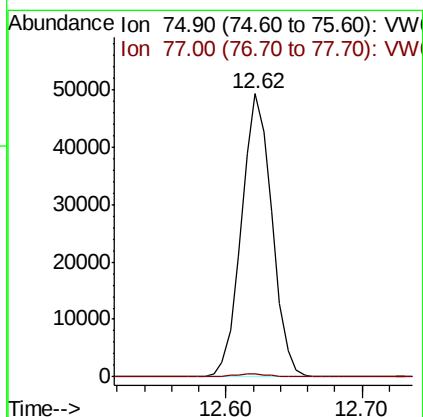
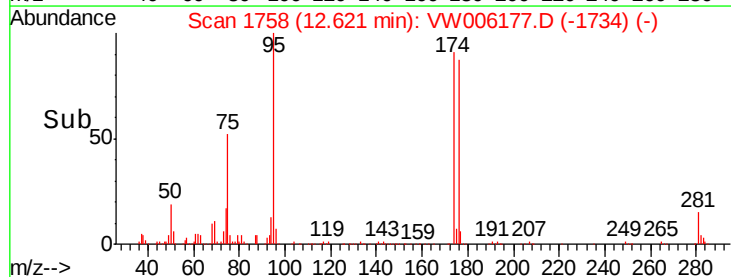
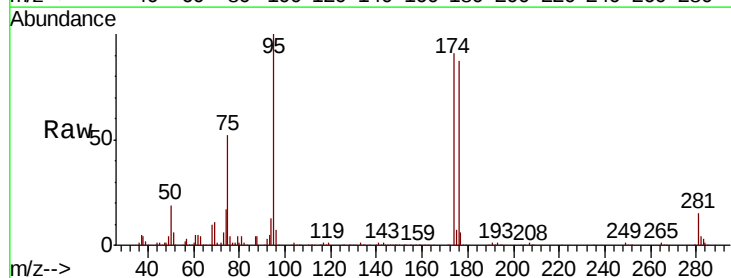
Tot Ion:152 Resp: 183342
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.3
150 157.6 0.0 349.2

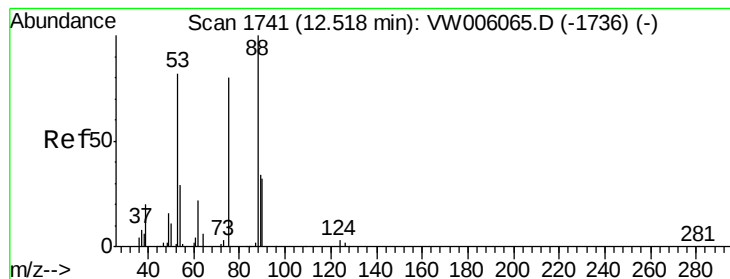


#76

1,2,3-Trichloropropane
Concen: 55.083 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006177.D
Acq: 18 Oct 2018 15:53

Tgt Ion: 75 Resp: 77136
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 131.669 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006177.D

Acq: 18 Oct 2018 15:53

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-25A-T

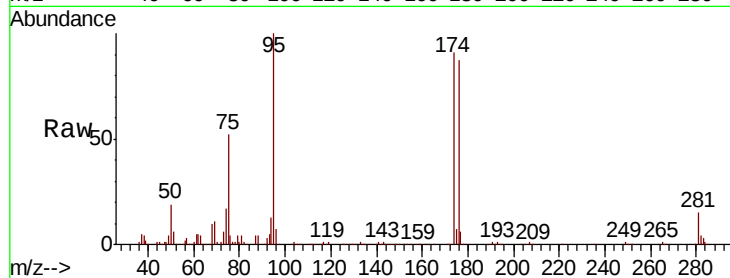
Tot Ion: 75 Resp: 77136

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

