

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006101.D
 Acq On : 17 Oct 2018 03:04
 Operator : VA/AP
 Sample : J5526-20
 Misc : 6.9G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-5

Quant Time: Oct 17 07:21:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	421021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	197326	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109124	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	7.88	113	109805	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	
50) Toluene-d8	10.33	98	356810	37.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.40%	
62) 4-Bromofluorobenzene	12.62	95	150186	42.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.50%	

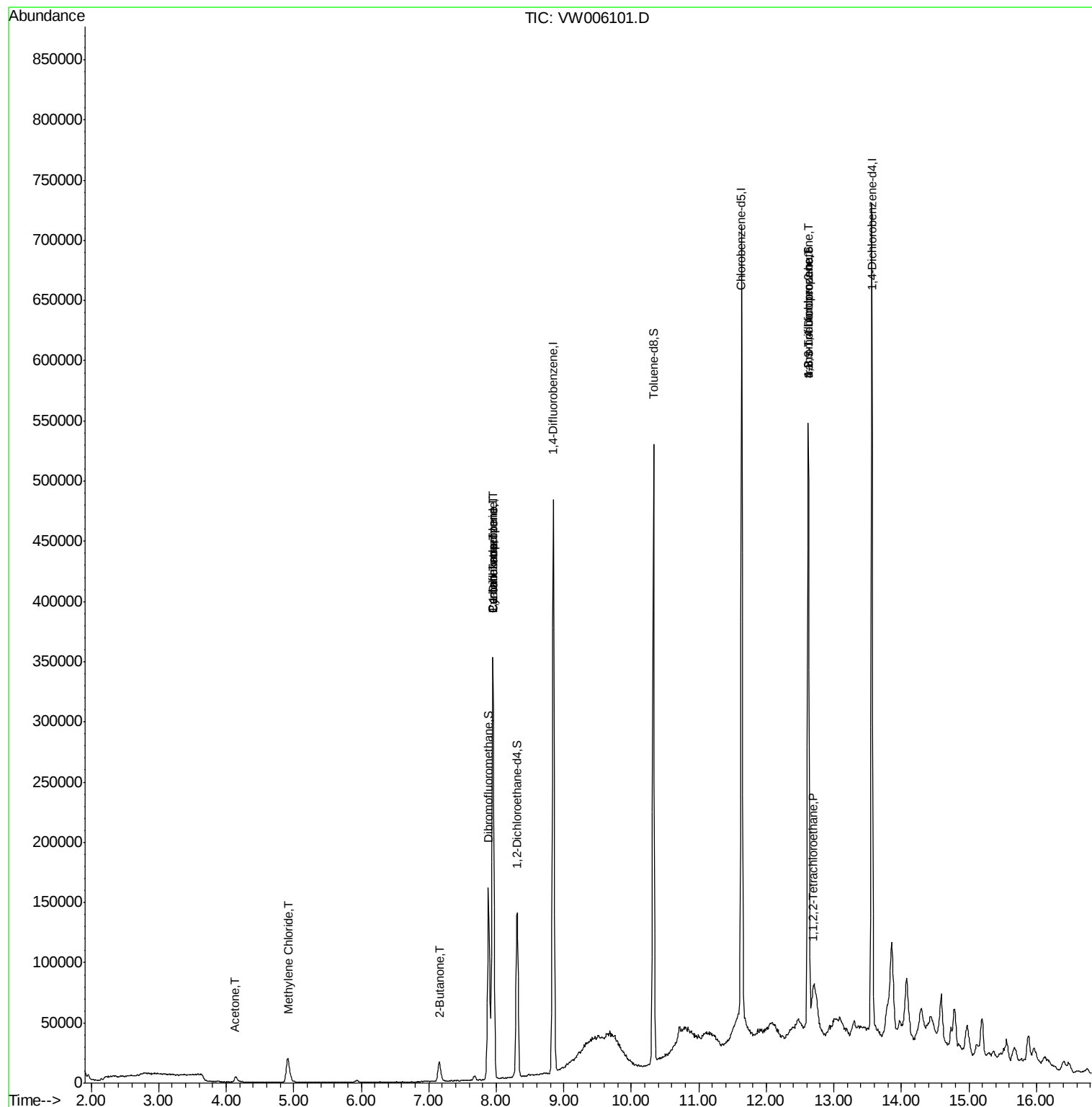
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	9010	5.968	ug/l	98
20) Methylene Chloride	4.92	84	18343	5.936	ug/l	97
25) 2-Butanone	7.16	43	887	1.396	ug/l #	46
31) Cyclohexane	7.95	56	5729	1.331	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	18576	4.787	ug/l #	49
38) Carbon Tetrachloride	7.95	117	25660	6.032	ug/l #	17
75) 1,1,2,2-Tetrachloroethane	12.69	83	5474	2.582	ug/l #	50
76) 1,2,3-Trichloropropane	12.62	75	75960	50.399	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75960	120.473	ug/l #	10

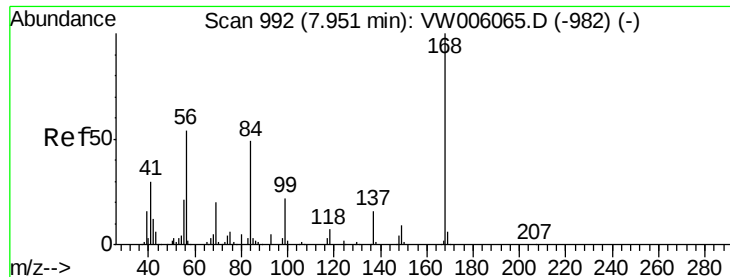
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
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SUP-4A-G-101518-5

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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 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: VW006101.D

Acq: 17 Oct 2018 03:04

Instrument :

MSVOA_W

ClientSampleId :

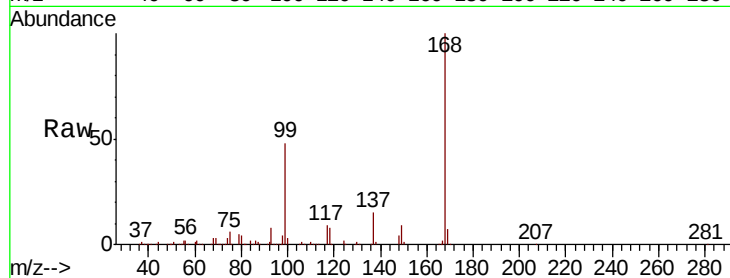
SUP-4A-G-101518-5

Tgt Ion:168 Resp: 283698

Ion Ratio Lower Upper

168 100

99 47.5 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

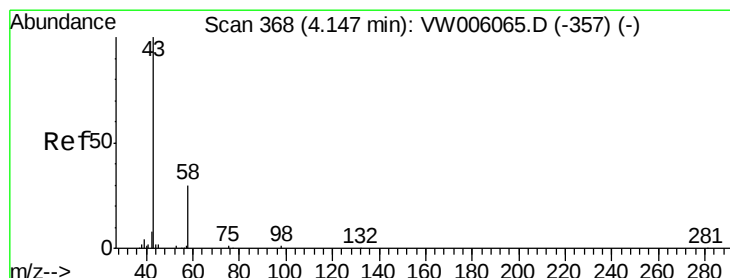
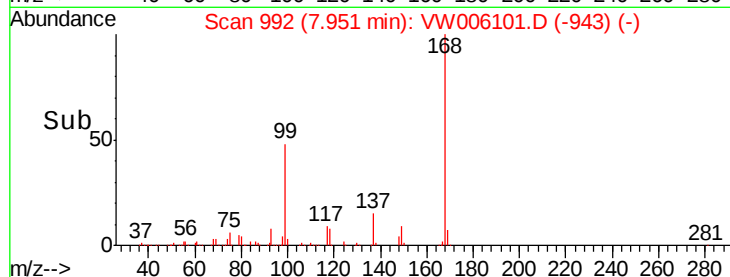
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 5.968 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006101.D

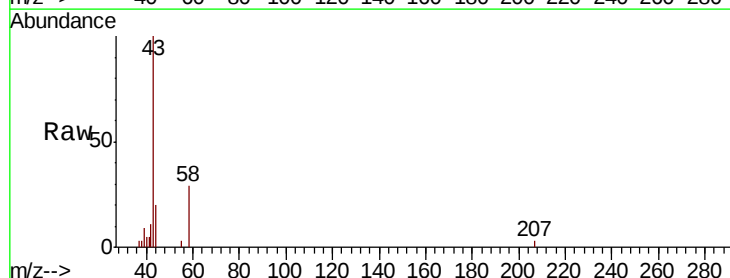
Acq: 17 Oct 2018 03:04

Tgt Ion: 43 Resp: 9010

Ion Ratio Lower Upper

43 100

58 29.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

1500

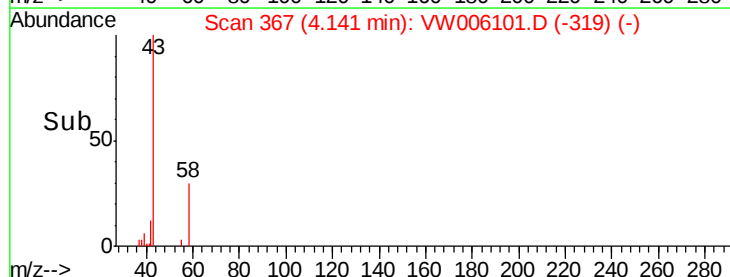
1000

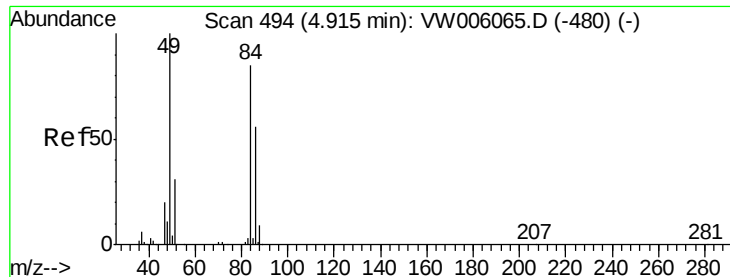
500

0

4.00 4.10 4.20 4.30

Time-->

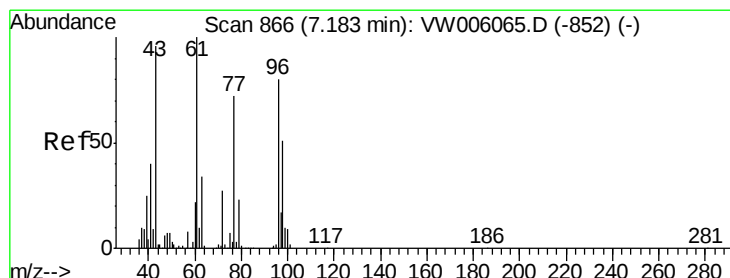
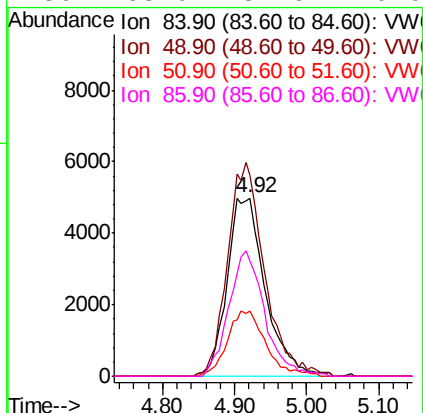
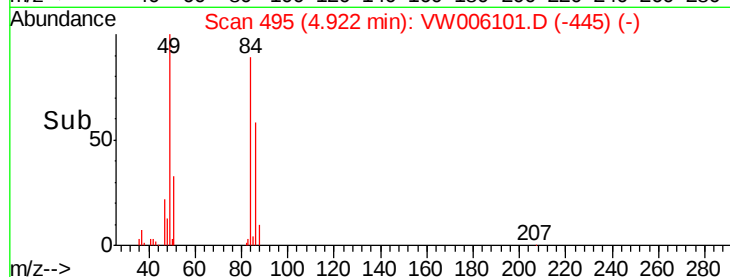
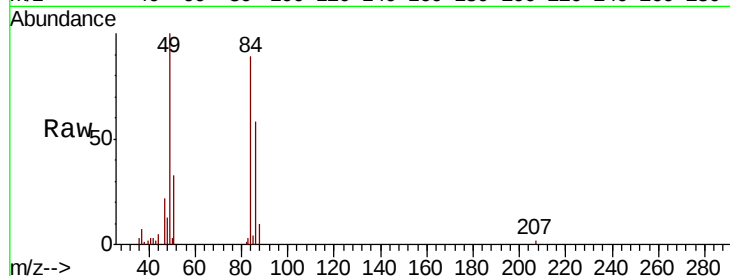




#20
Methylene Chloride
Concen: 5.936 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006101.D
Acq: 17 Oct 2018 03:04

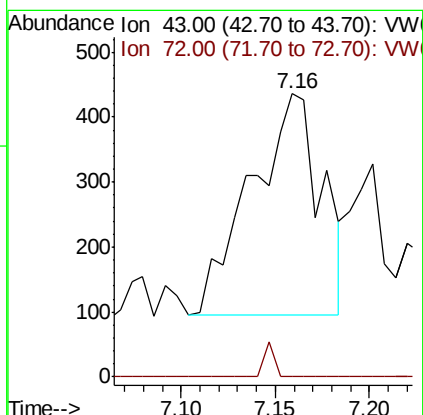
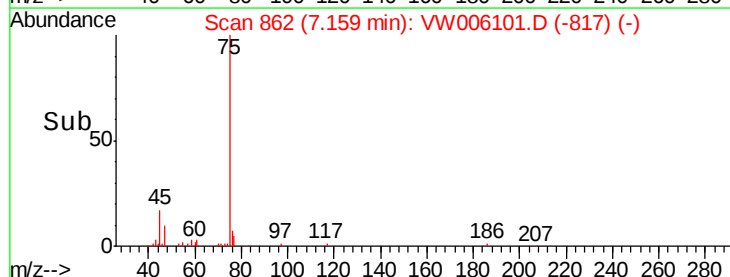
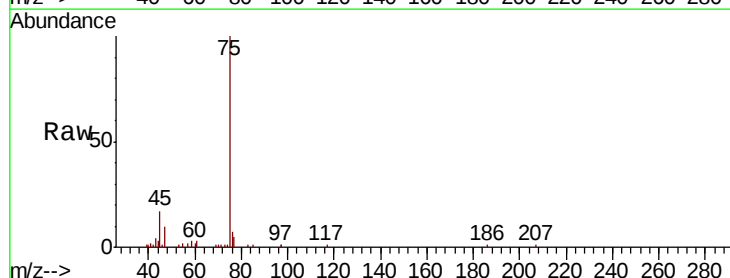
Instrument :
MSVOA_W
ClientSampleId :
SUP-4A-G-101518-5

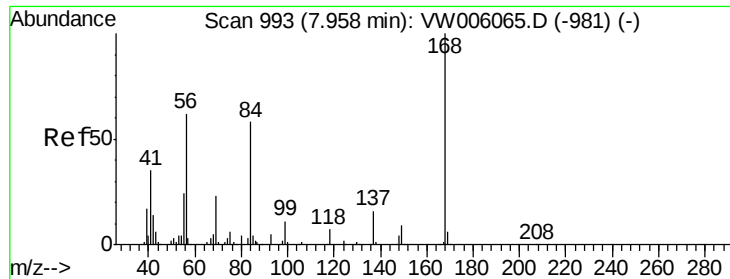
Tgt Ion:	84	Resp:	18343
Ion	Ratio	Lower	Upper
84	100		
49	112.6	93.6	140.4
51	36.7	29.0	43.4
86	65.0	52.6	79.0



#25
2-Butanone
Concen: 1.396 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW006101.D
Acq: 17 Oct 2018 03:04

Tgt Ion:	43	Resp:	887
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#

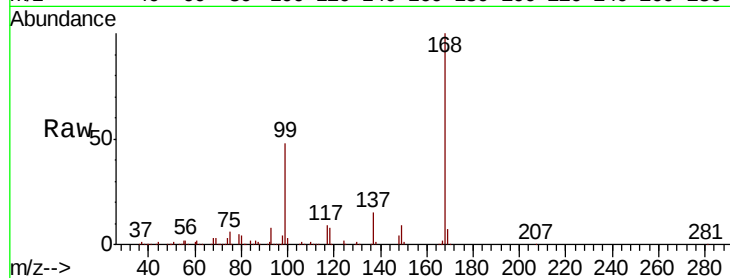




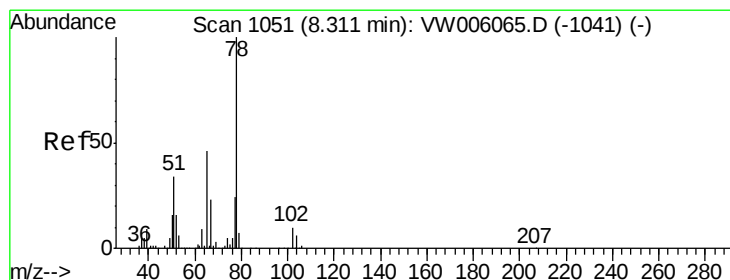
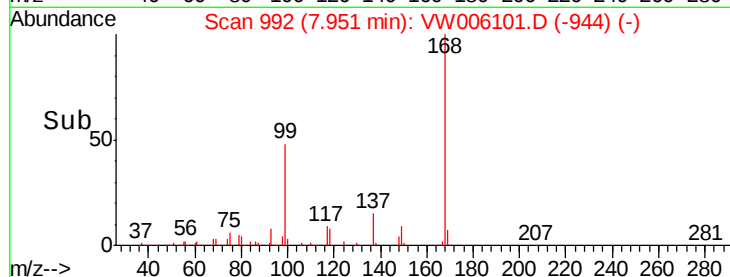
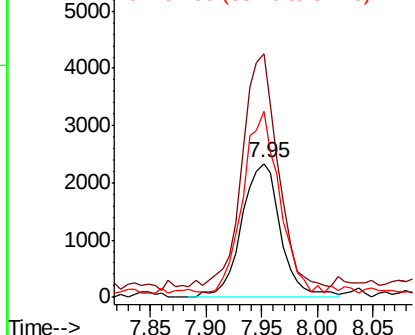
#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006101.D
Acq: 17 Oct 2018 03:04

Instrument :
MSVOA_W
ClientSampleId :
SUP-4A-G-101518-5

Tgt Ion: 56 Resp: 5729
Ion Ratio Lower Upper
56 100
69 173.4 29.4 44.0#
84 133.8 74.0 111.0#

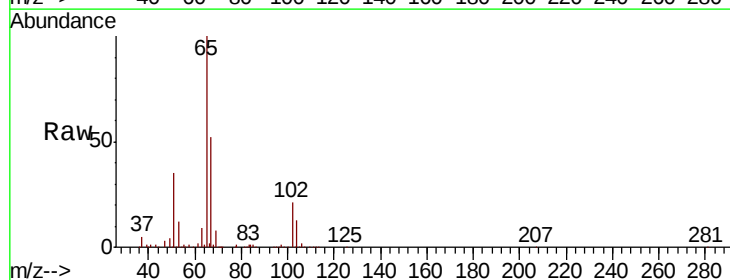


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

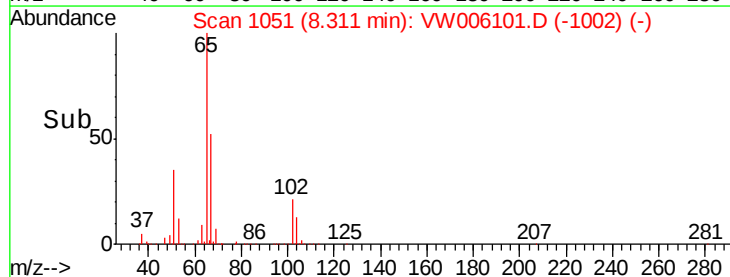
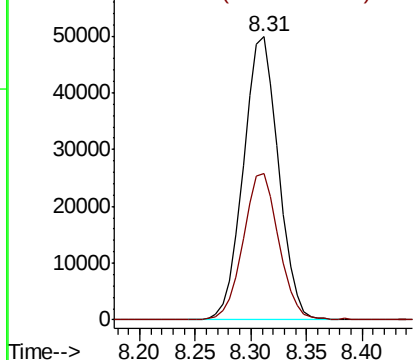


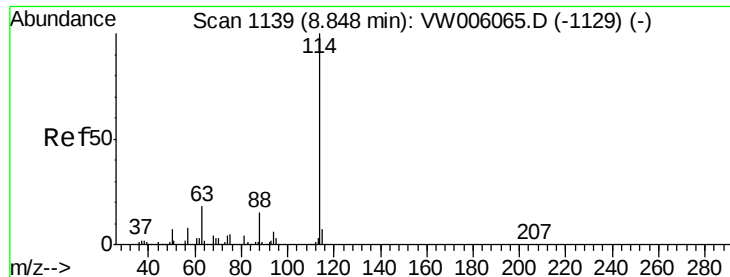
#33
1,2-Dichloroethane-d4
Concen: 46.396 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006101.D
Acq: 17 Oct 2018 03:04

Tgt Ion: 65 Resp: 109124
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.0



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

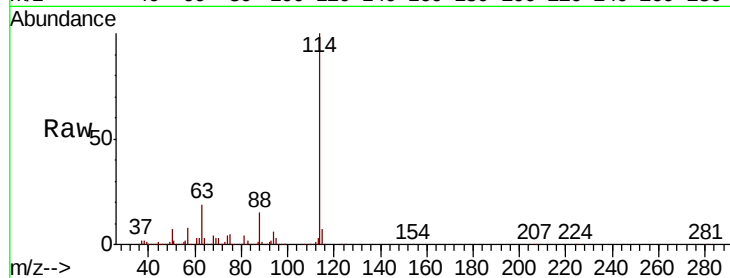




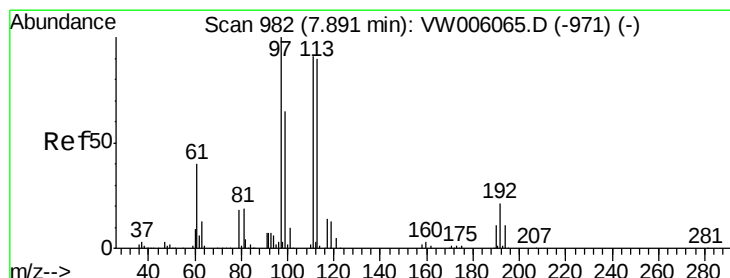
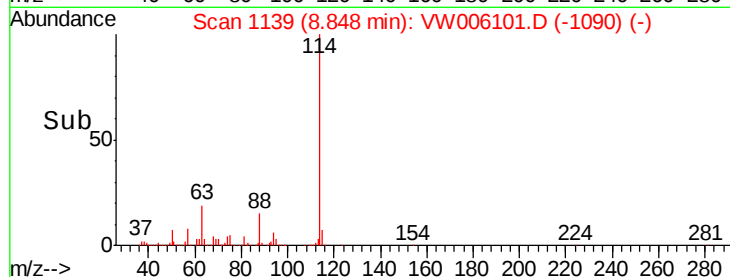
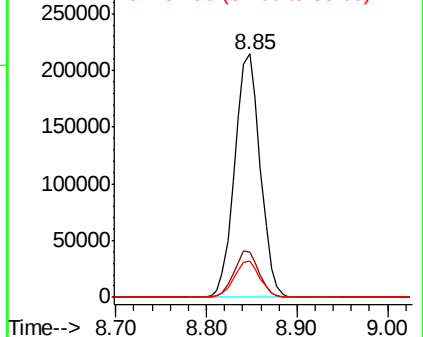
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006101.D
 Acq: 17 Oct 2018 03:04

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-5

Tgt Ion:114 Resp: 421021
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 15.0 0.0 29.0

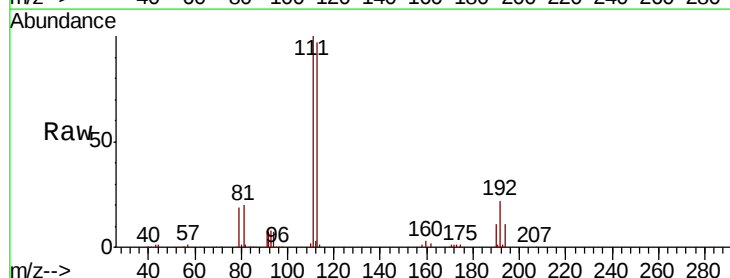


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

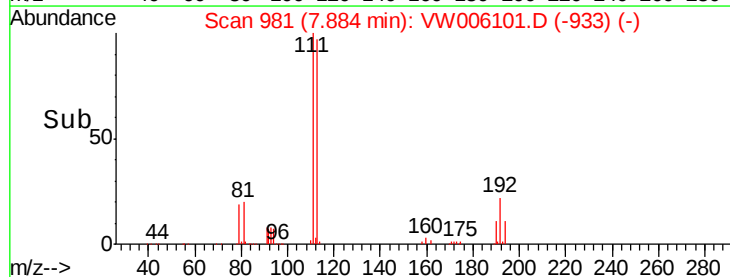
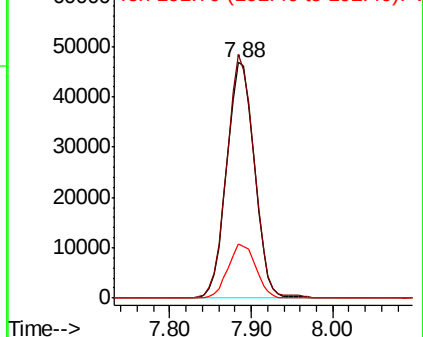


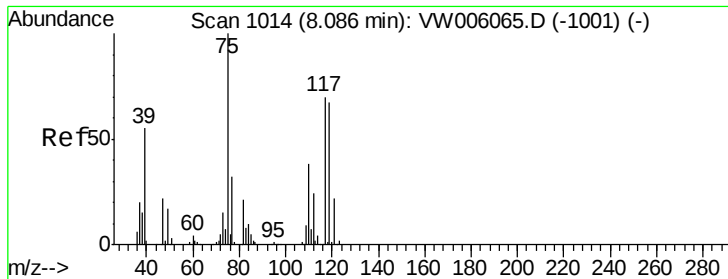
#35
 Dibromofluoromethane
 Concen: 44.138 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006101.D
 Acq: 17 Oct 2018 03:04

Tgt Ion:113 Resp: 109805
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 22.9 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: 4.787 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006101.D

Acq: 17 Oct 2018 03:04

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-5

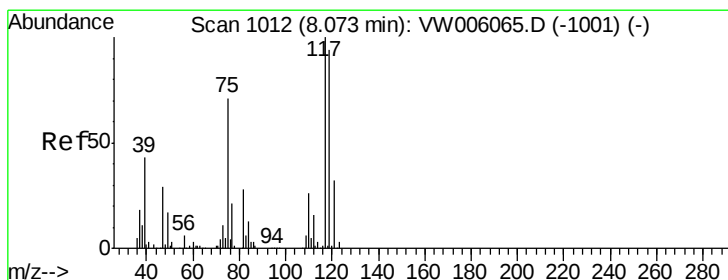
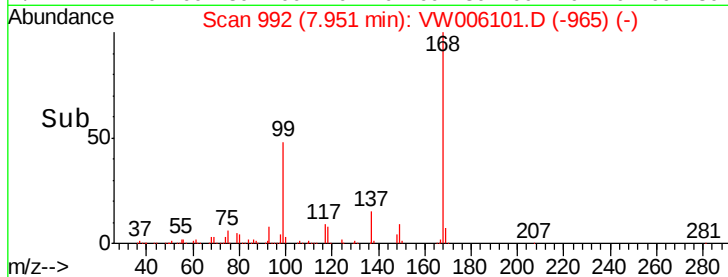
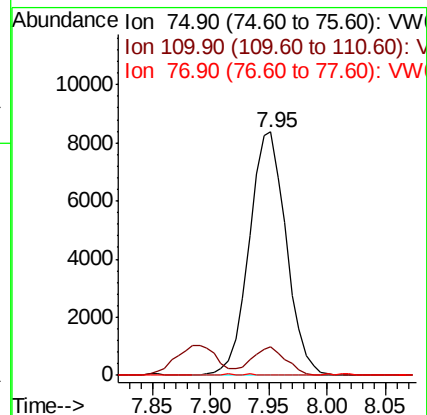
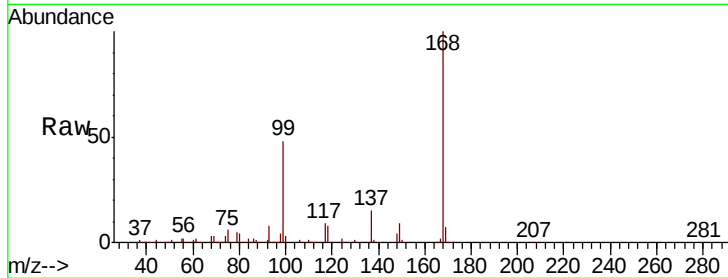
Tgt Ion: 75 Resp: 18576

Ion Ratio Lower Upper

75 100

110 10.5 19.1 57.1#

77 0.1 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.032 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006101.D

Acq: 17 Oct 2018 03:04

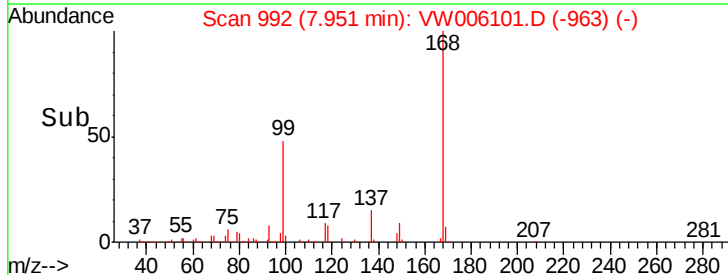
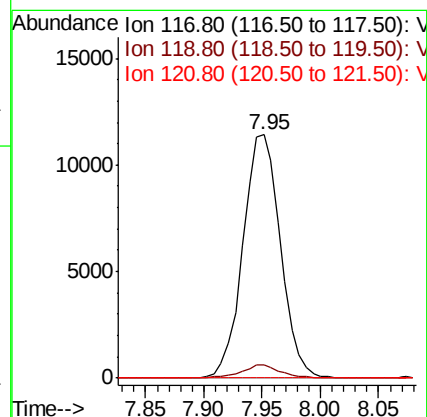
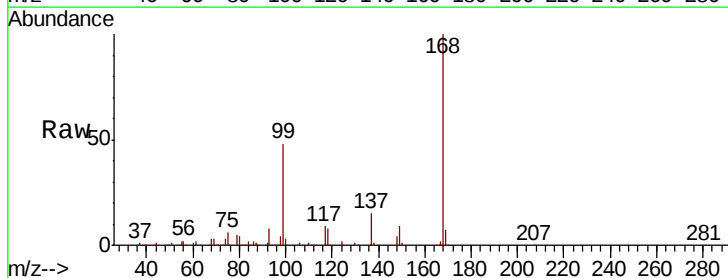
Tgt Ion: 117 Resp: 25660

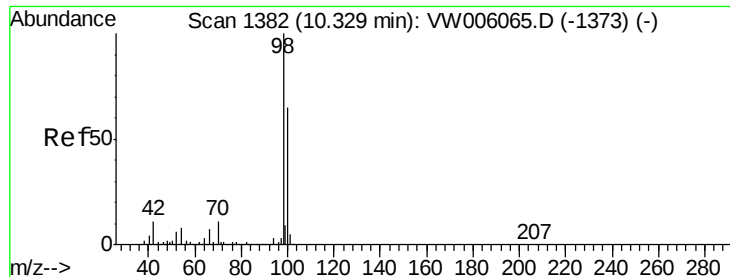
Ion Ratio Lower Upper

117 100

119 5.2 75.2 112.8#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 37.699 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006101.D

Acq: 17 Oct 2018 03:04

Instrument :

MSVOA_W

ClientSampleId :

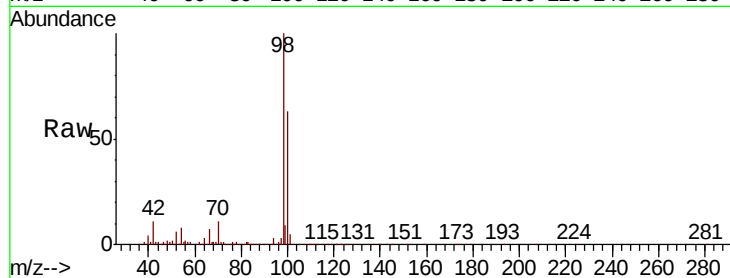
SUP-4A-G-101518-5

Tgt Ion: 98 Resp: 356810

Ion Ratio Lower Upper

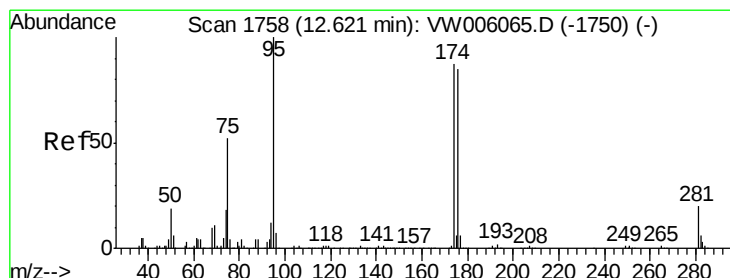
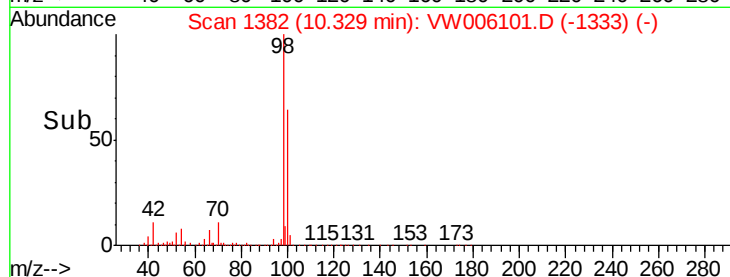
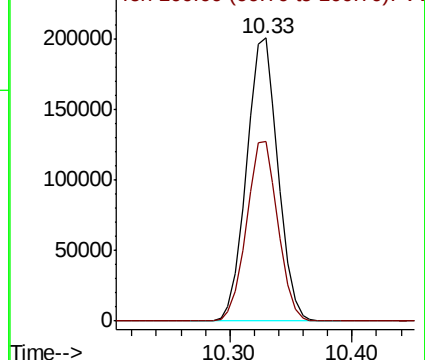
98 100

100 63.5 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: 42.248 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006101.D

Acq: 17 Oct 2018 03:04

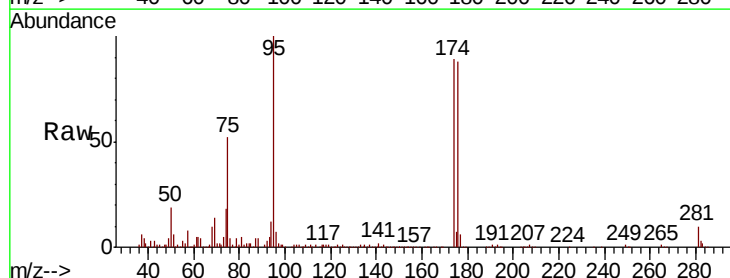
Tgt Ion: 95 Resp: 150186

Ion Ratio Lower Upper

95 100

174 91.7 0.0 186.0

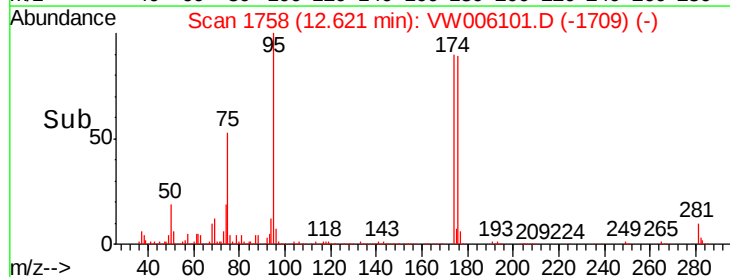
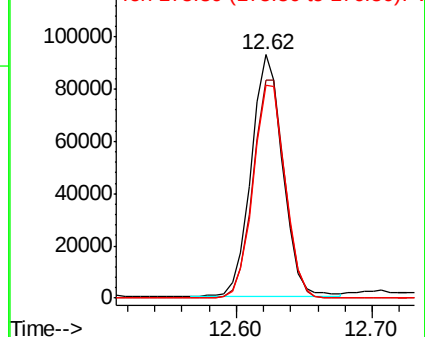
176 89.7 0.0 181.6

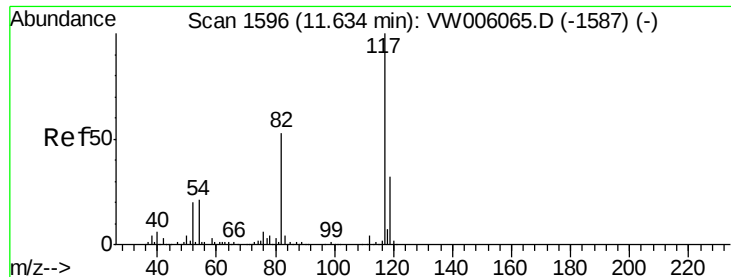


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

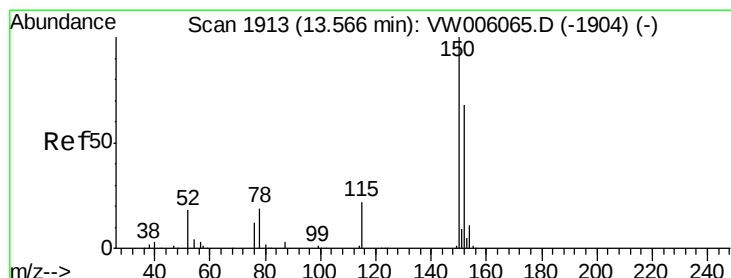
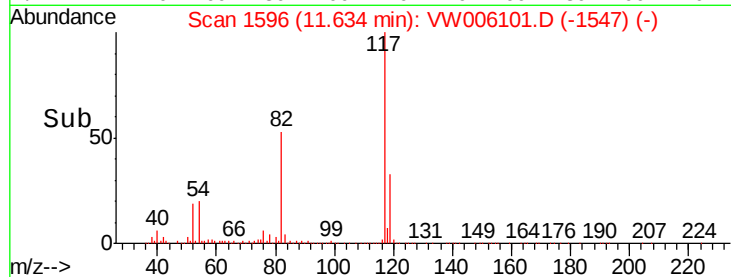
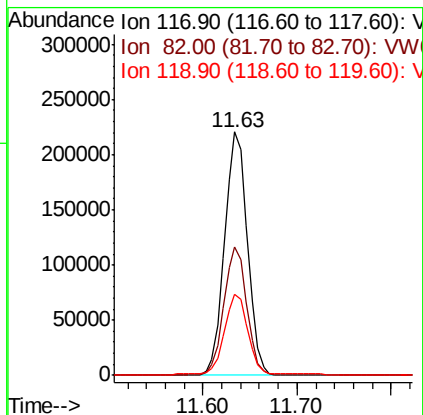
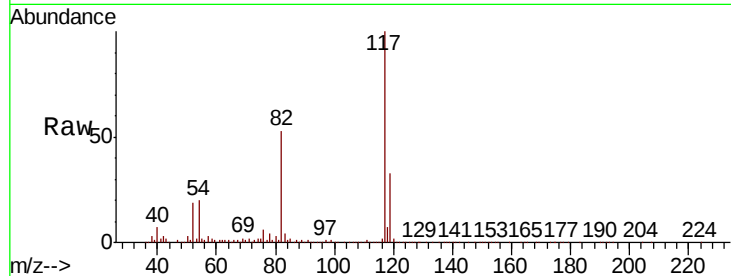




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006101.D
Acq: 17 Oct 2018 03:04

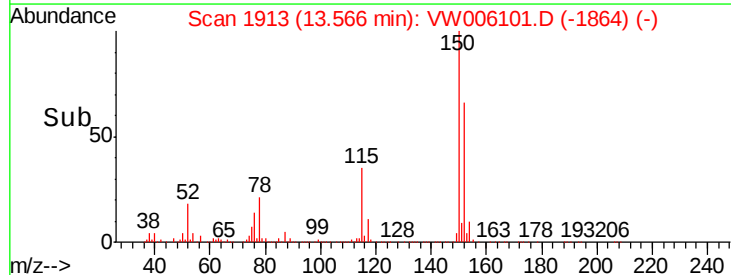
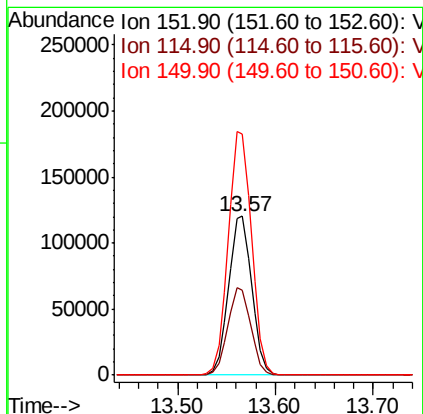
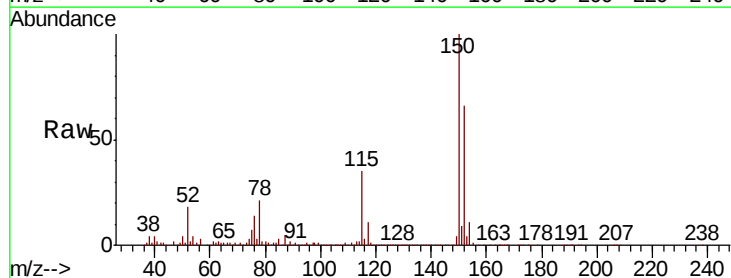
Instrument :
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SUP-4A-G-101518-5

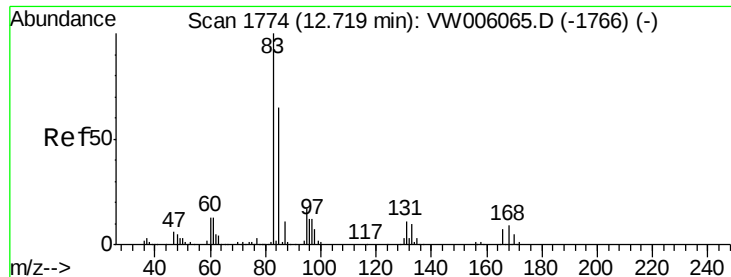
Tgt Ion:117 Resp: 370034
Ion Ratio Lower Upper
117 100
82 52.7 42.1 63.1
119 32.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006101.D
Acq: 17 Oct 2018 03:04

Tgt Ion:152 Resp: 197326
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.3
150 154.3 0.0 349.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.582 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW006101.D

Acq: 17 Oct 2018 03:04

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-5

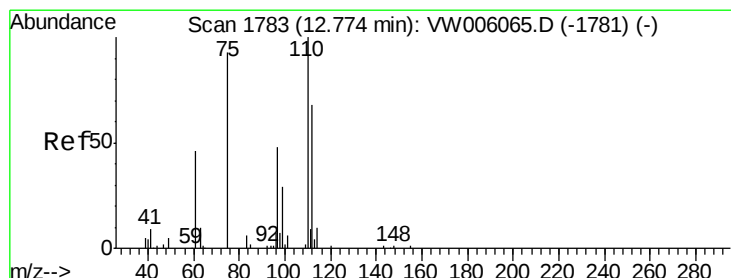
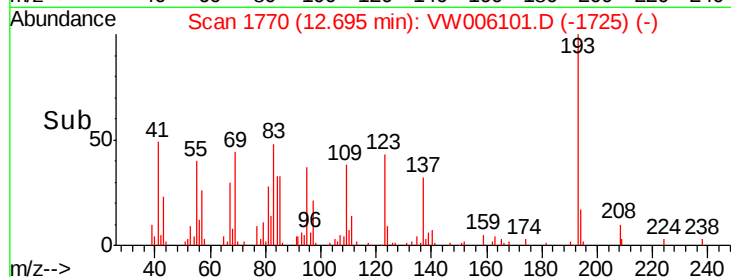
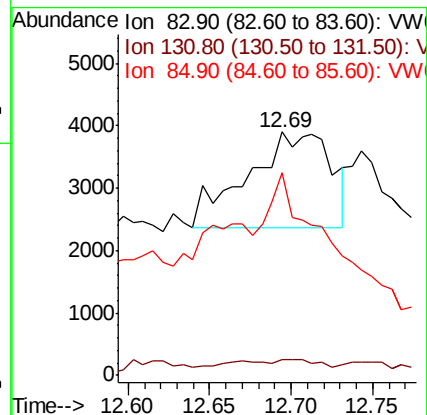
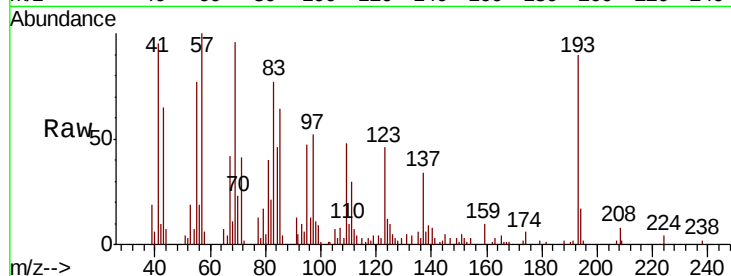
Tgt Ion: 83 Resp: 5474

Ion Ratio Lower Upper

83 100

131 6.1 5.9 17.7

85 108.3 31.9 95.9#



#76

1,2,3-Trichloropropane

Concen: 50.399 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006101.D

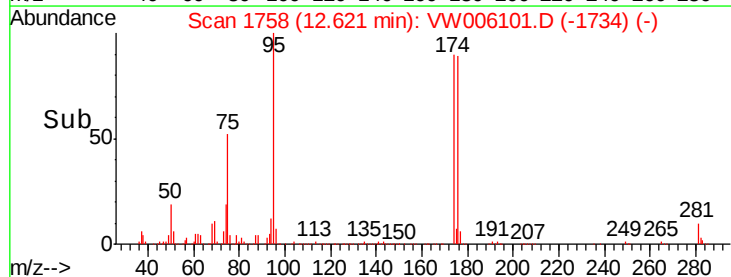
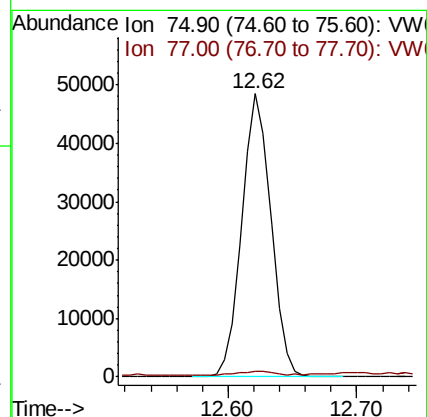
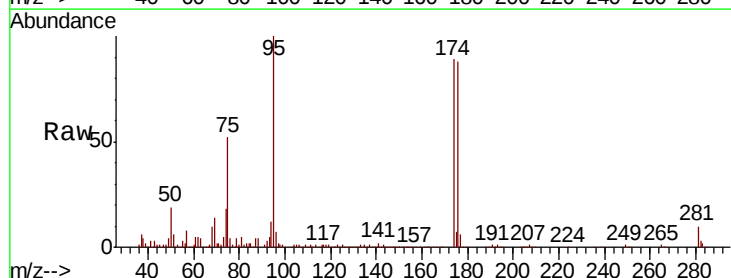
Acq: 17 Oct 2018 03:04

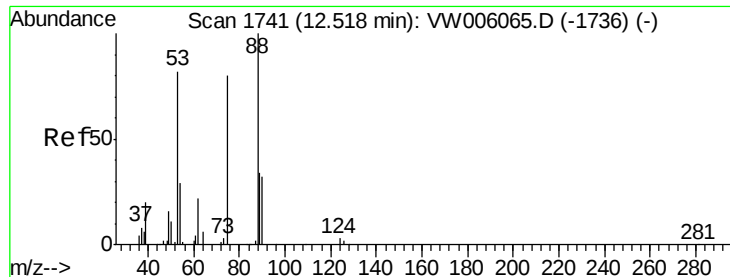
Tgt Ion: 75 Resp: 75960

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 120.473 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006101.D

Acq: 17 Oct 2018 03:04

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-5

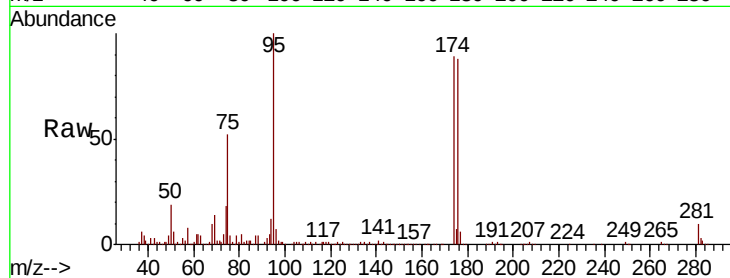
Tgt Ion: 75 Resp: 75960

Ion Ratio Lower Upper

75 100

53 0.3 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

