

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006124.D
 Acq On : 17 Oct 2018 14:19
 Operator : VA/AP
 Sample : J5526-02RE
 Misc : 6.83G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-2

Quant Time: Oct 17 15:06:32 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	319895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	458232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	204359	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118297	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	
35) Dibromofluoromethane	7.89	113	121640	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	
50) Toluene-d8	10.33	98	448009	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	
62) 4-Bromofluorobenzene	12.62	95	162965	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	

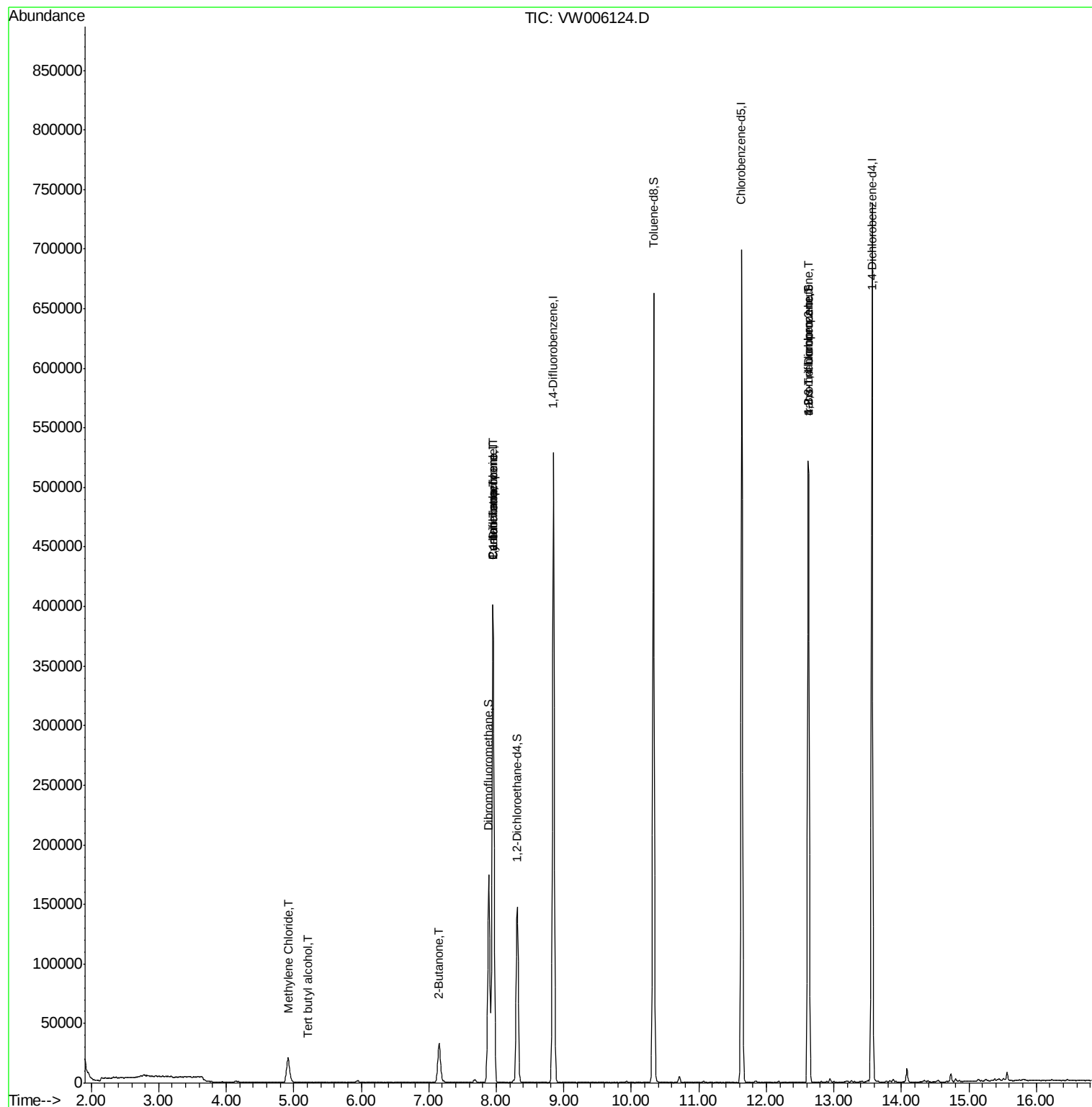
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	260	1.46	ug/l	# 71
16) Acetone	4.15	43	2294	Below	Cal	97
20) Methylene Chloride	4.92	84	16990	4.58	ug/l	97
25) 2-Butanone	7.15	43	2012	2.81	ug/l	# 79
31) Cyclohexane	7.95	56	5839	1.20	ug/l	# 26
36) 1,1-Dichloropropene	7.95	75	21508	5.09	ug/l	# 48
38) Carbon Tetrachloride	7.95	117	28290	6.11	ug/l	# 17
76) 1,2,3-Trichloropropane	12.62	75	82822	53.06	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	82822	126.84	ug/l	# 10

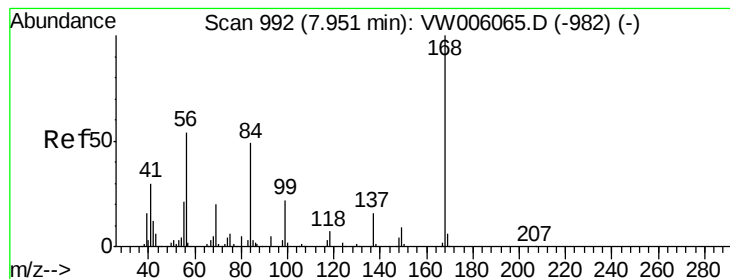
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
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SUP-4B-G-101518-2

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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006124.D

Acq: 17 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

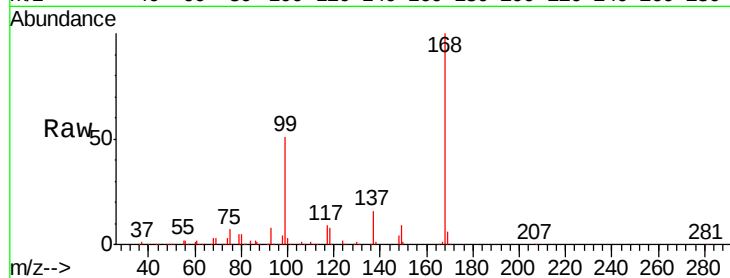
SUP-4B-G-101518-2

Tgt Ion: 168 Resp: 319895

Ion Ratio Lower Upper

168 100

99 50.6 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

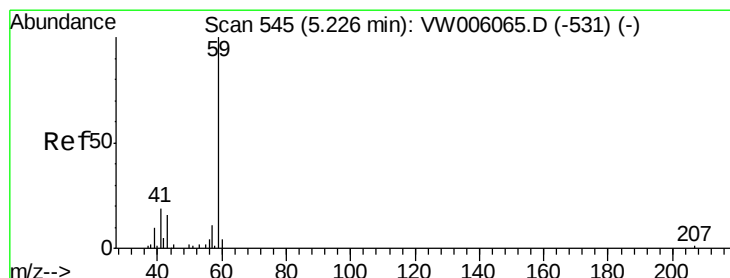
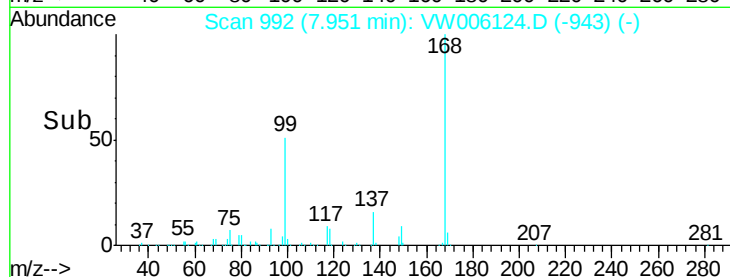
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.46 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.02 min

Lab File: VW006124.D

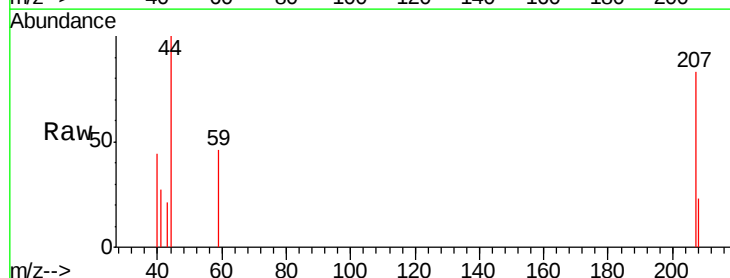
Acq: 17 Oct 2018 14:19

Tgt Ion: 59 Resp: 260

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

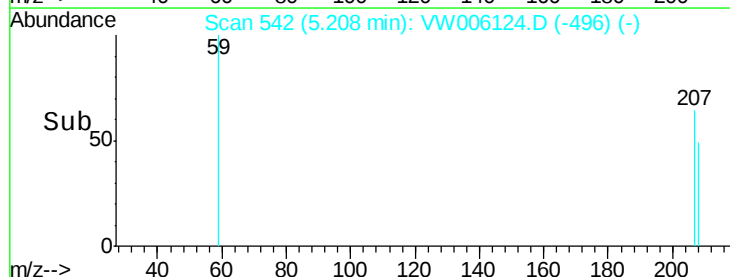
5.21

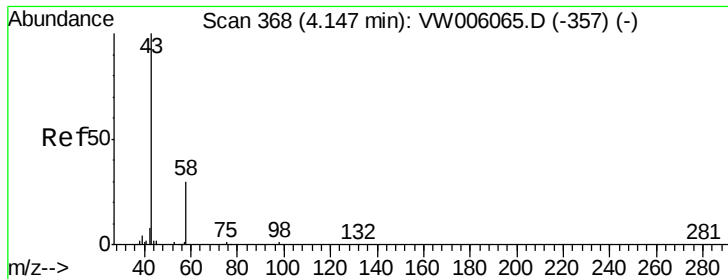
100

50

0

Time-->

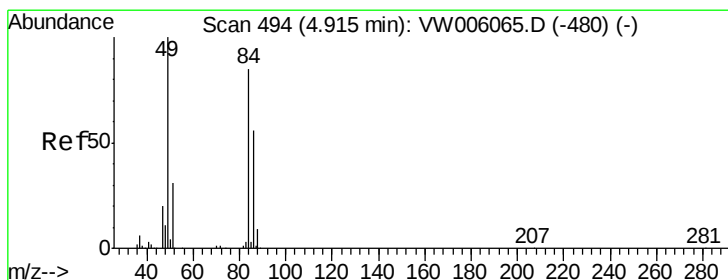
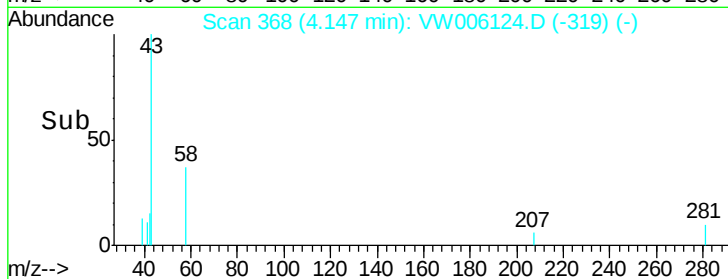
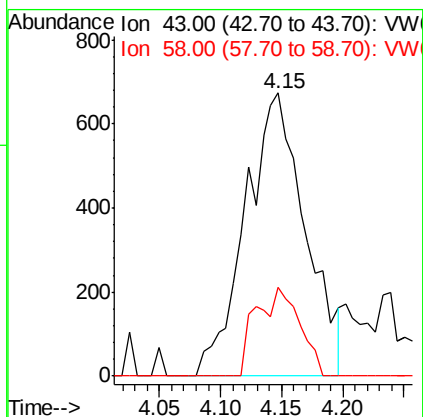
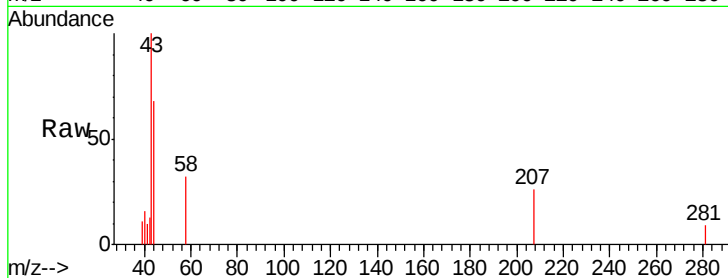




#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW006124.D
Acq: 17 Oct 2018 14:19

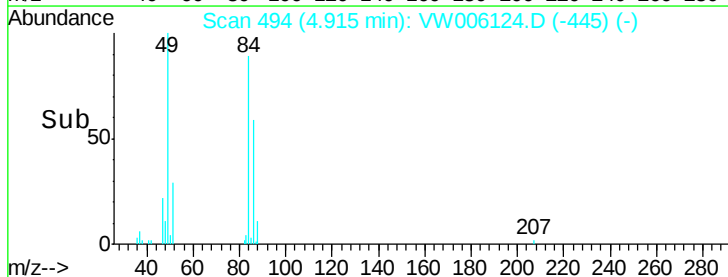
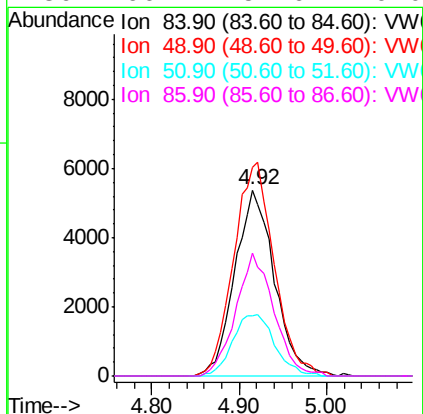
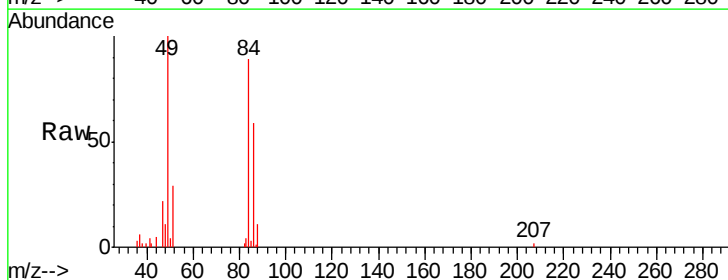
Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-2

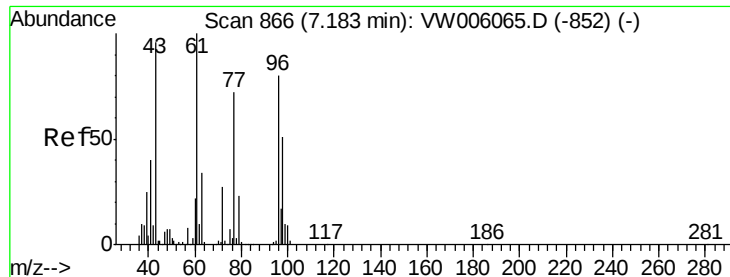
Tgt Ion: 43 Resp: 2294
Ion Ratio Lower Upper
43 100
58 31.5 24.0 36.0



#20
Methylene Chloride
Concen: 4.58 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006124.D
Acq: 17 Oct 2018 14:19

Tgt Ion: 84 Resp: 16990
Ion Ratio Lower Upper
84 100
49 112.4 93.6 140.4
51 32.4 29.0 43.4
86 66.1 52.6 79.0





#25

2-Butanone

Concen: 2.81 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006124.D

Acq: 17 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

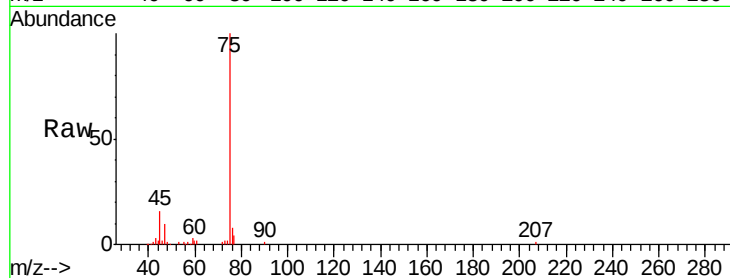
SUP-4B-G-101518-2

Tgt Ion: 43 Resp: 2012

Ion Ratio Lower Upper

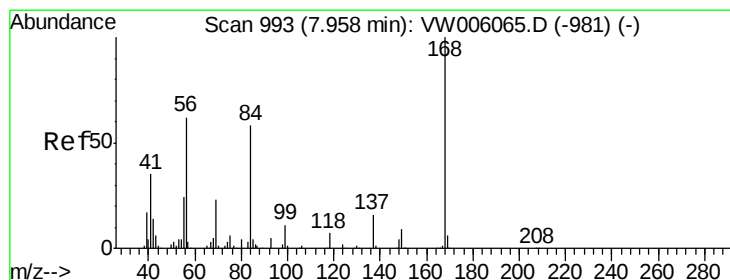
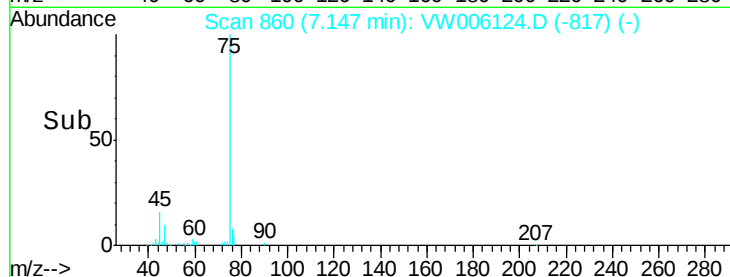
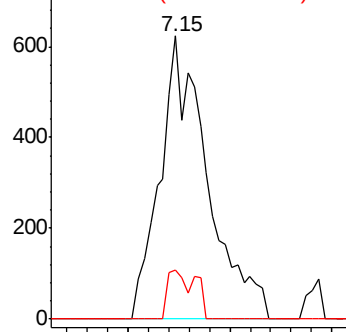
43 100

72 17.2 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: 1.20 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006124.D

Acq: 17 Oct 2018 14:19

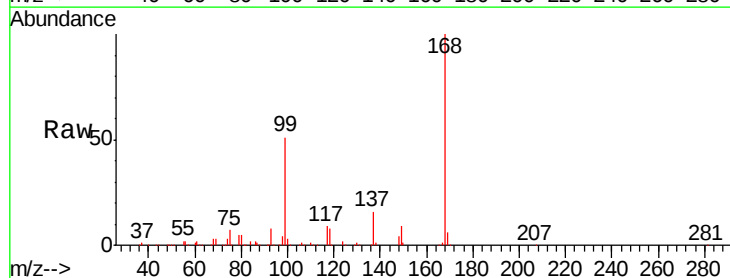
Tgt Ion: 56 Resp: 5839

Ion Ratio Lower Upper

56 100

69 152.8 29.4 44.0#

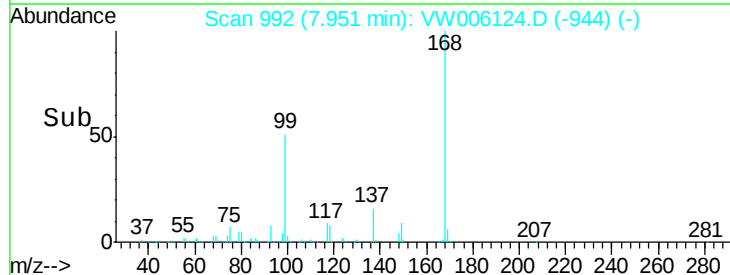
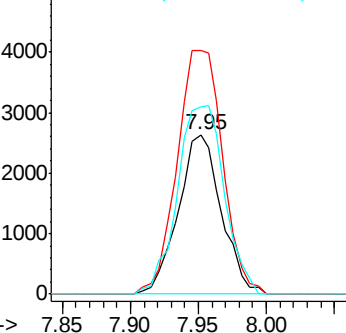
84 117.5 74.0 111.0#

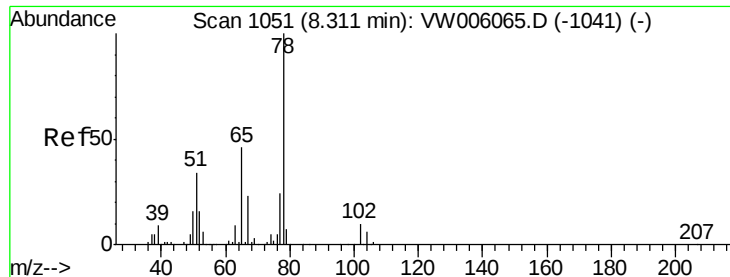


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

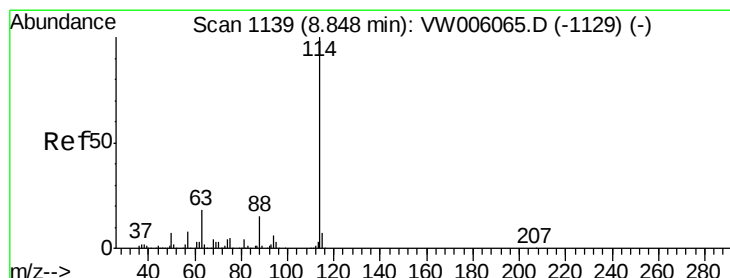
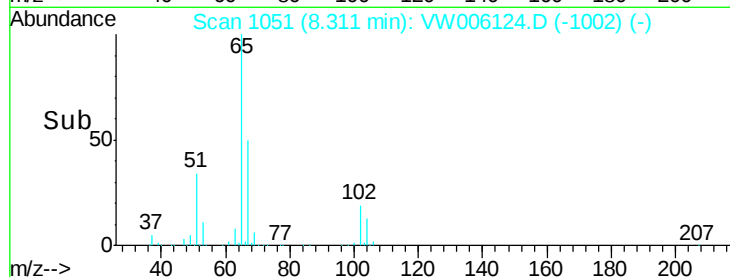
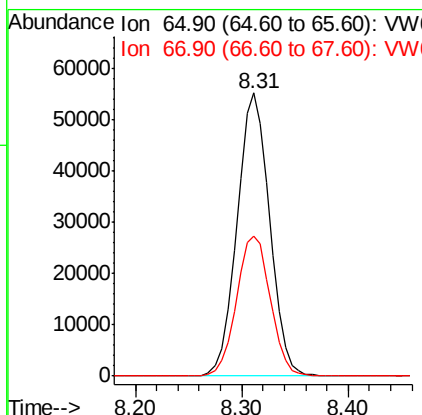
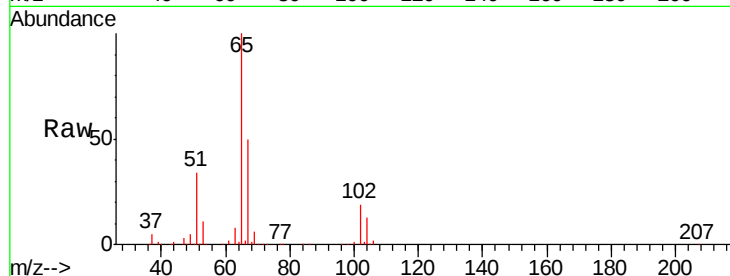




#33
 1,2-Dichloroethane-d4
 Concen: 44.60 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006124.D
 Acq: 17 Oct 2018 14:19

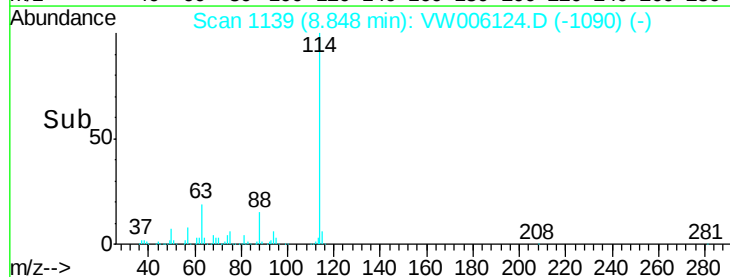
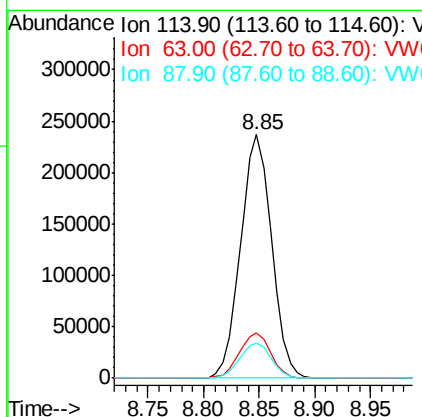
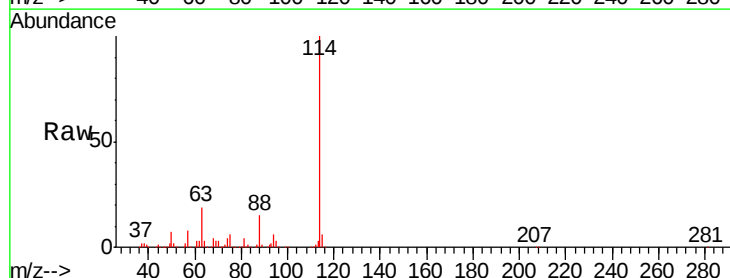
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-2

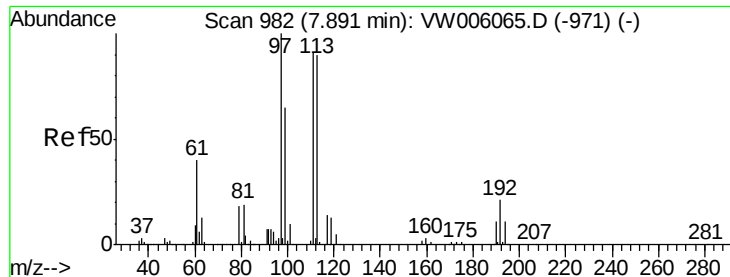
Tgt Ion: 65 Resp: 118297
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006124.D
 Acq: 17 Oct 2018 14:19

Tgt Ion: 114 Resp: 458232
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 14.6 0.0 29.0

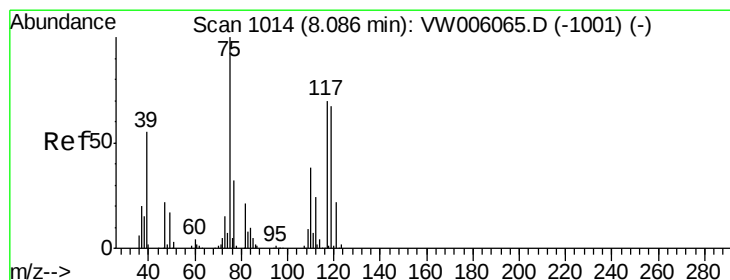
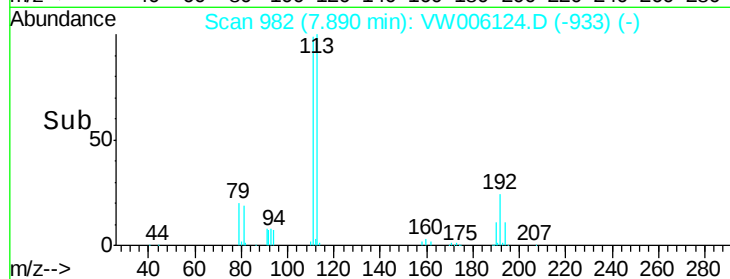
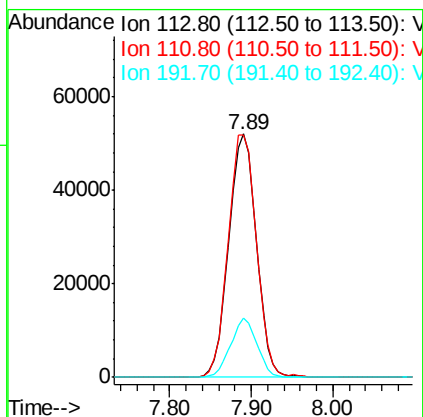
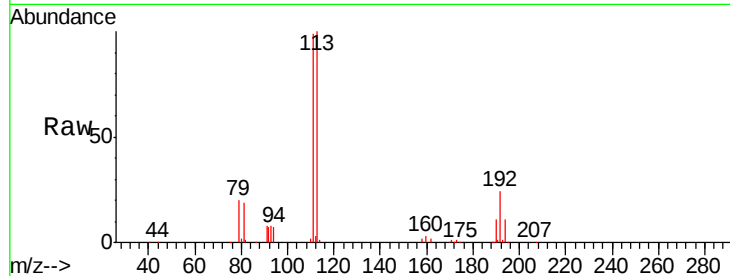




#35
 Dibromofluoromethane
 Concen: 44.92 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006124.D
 Acq: 17 Oct 2018 14:19

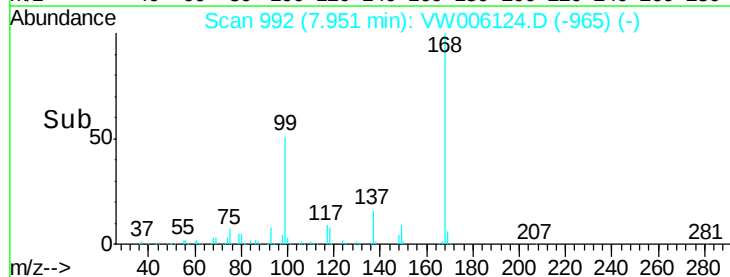
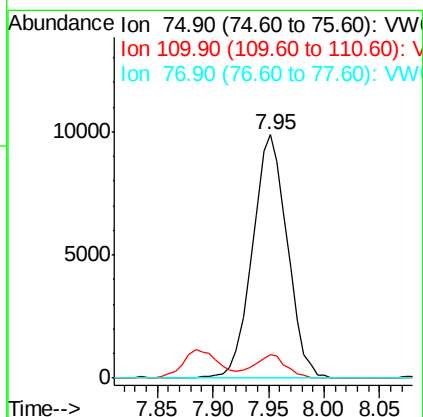
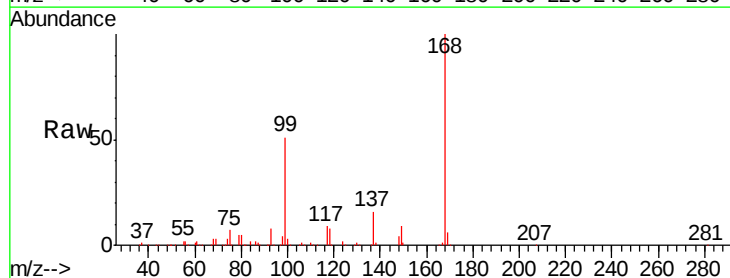
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 ClientSampleId :
 SUP-4B-G-101518-2

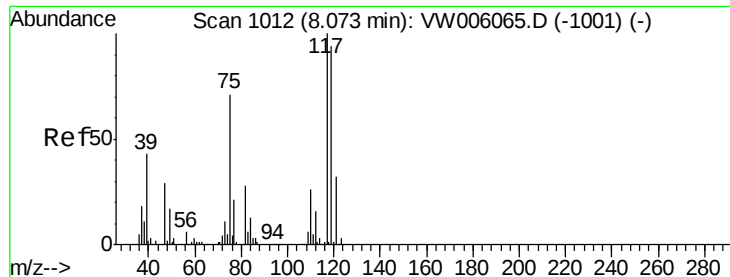
Tgt Ion: 113 Resp: 121640
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 23.0 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 5.09 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006124.D
 Acq: 17 Oct 2018 14:19

Tgt Ion: 75 Resp: 21508
 Ion Ratio Lower Upper
 75 100
 110 9.0 19.1 57.1#
 77 0.0 25.0 37.4#

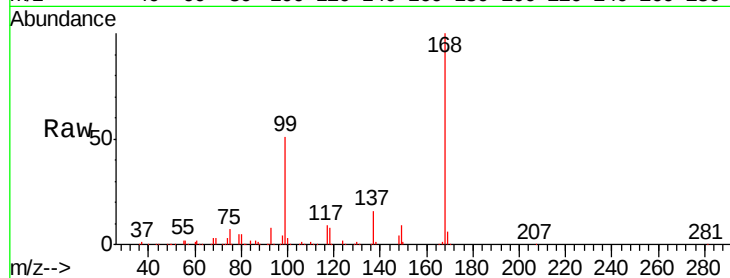




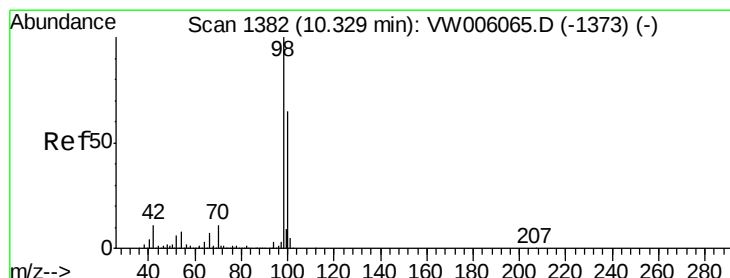
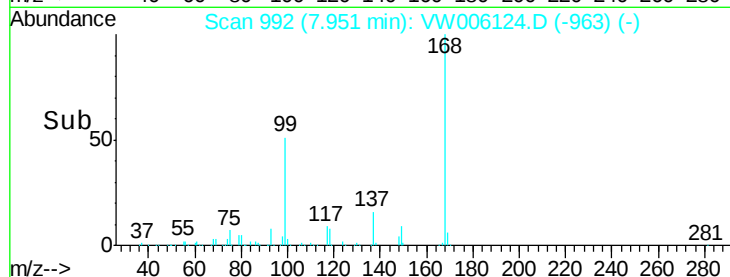
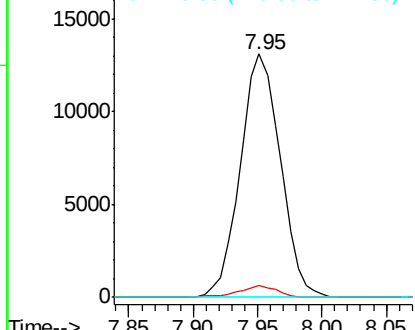
#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006124.D
Acq: 17 Oct 2018 14:19

Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-2

Tgt Ion:117 Resp: 28290
Ion Ratio Lower Upper
117 100
119 4.9 75.2 112.8#
121 0.0 25.3 37.9#

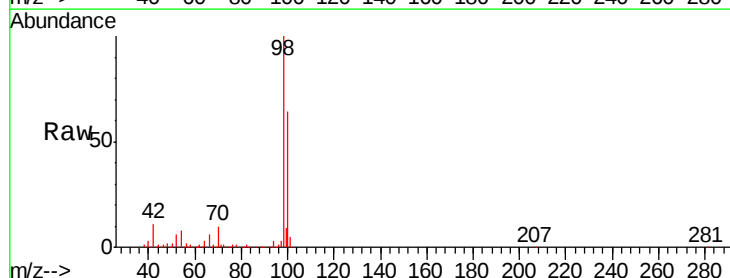


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

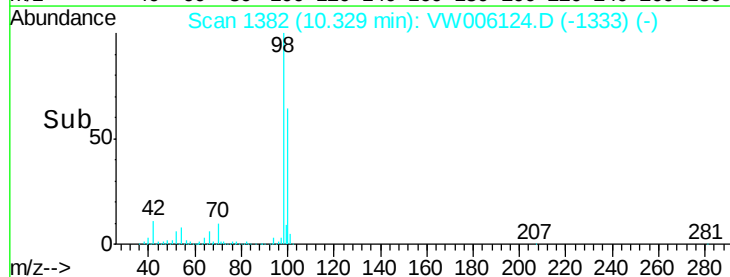
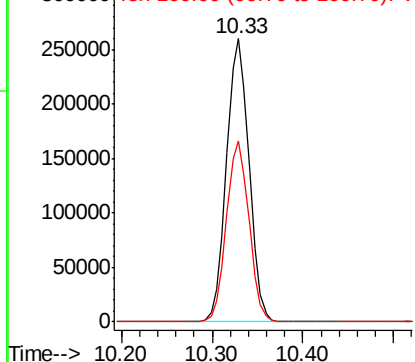


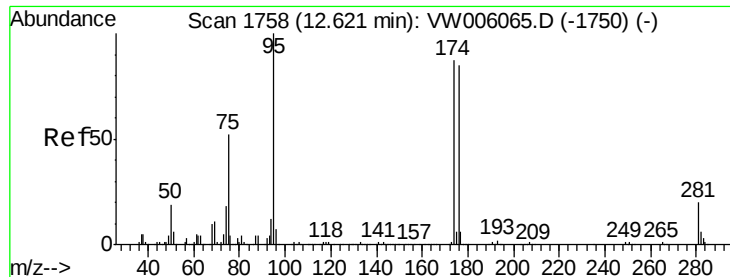
#50
Toluene-d8
Concen: 43.49 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006124.D
Acq: 17 Oct 2018 14:19

Tgt Ion: 98 Resp: 448009
Ion Ratio Lower Upper
98 100
100 63.9 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: 42.12 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006124.D

Acq: 17 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-2

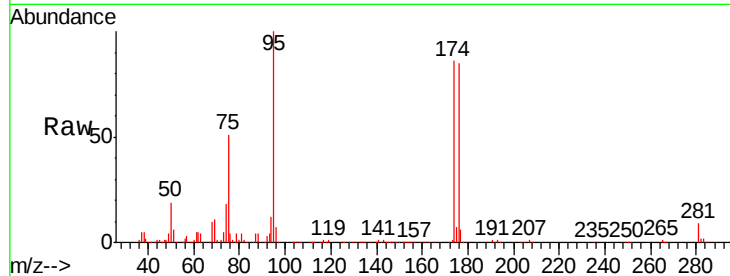
Tgt Ion: 95 Resp: 162965

Ion Ratio Lower Upper

95 100

174 92.8 0.0 186.0

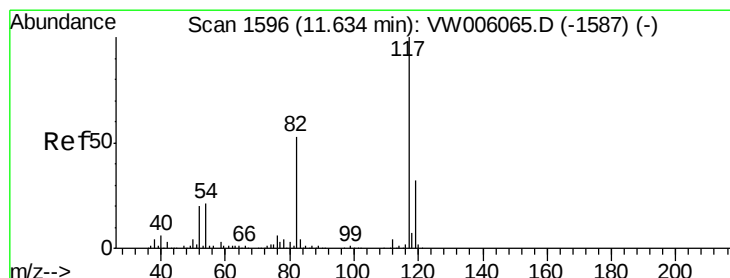
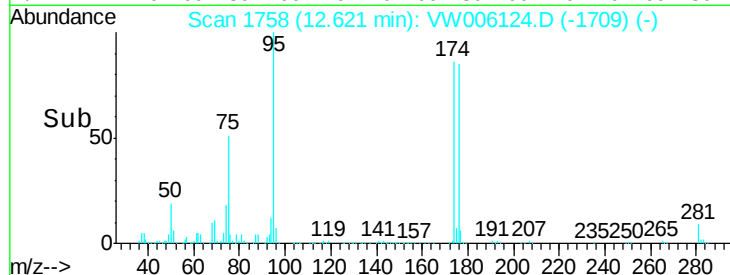
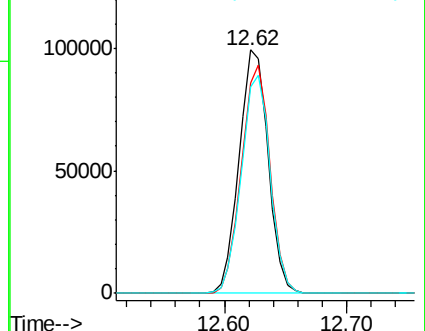
176 89.5 0.0 181.6



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: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006124.D

Acq: 17 Oct 2018 14:19

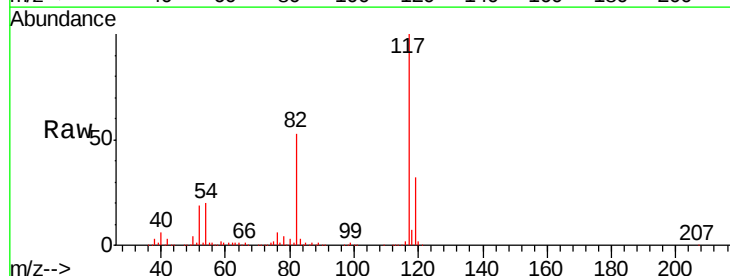
Tgt Ion: 117 Resp: 410051

Ion Ratio Lower Upper

117 100

82 53.1 42.1 63.1

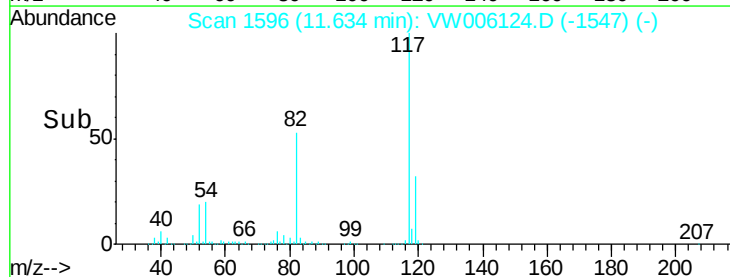
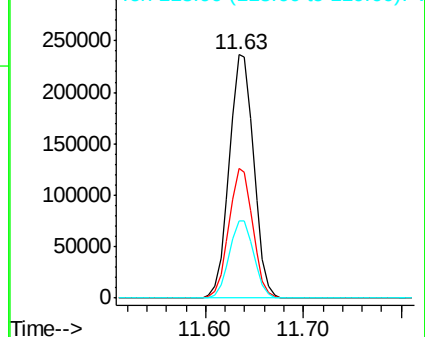
119 31.9 25.8 38.6

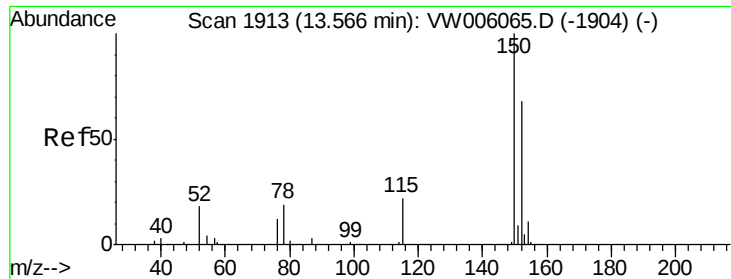


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006124.D

Acq: 17 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-2

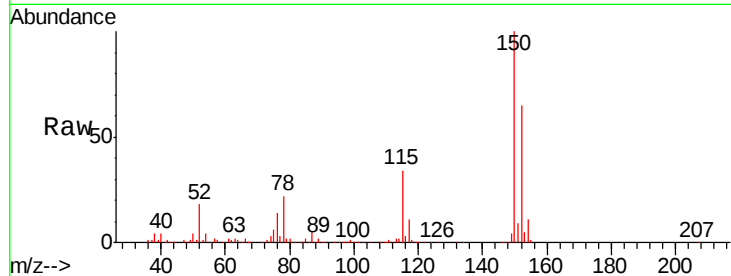
Tgt Ion:152 Resp: 204359

Ion Ratio Lower Upper

152 100

115 54.3 27.8 83.3

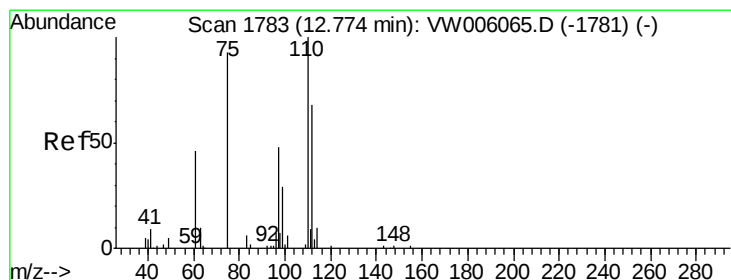
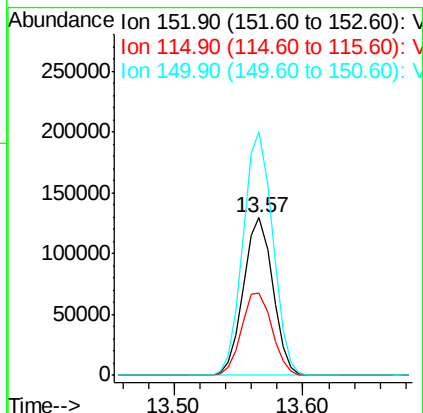
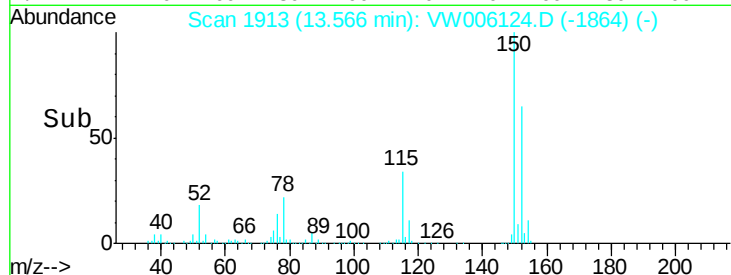
150 156.1 0.0 349.2



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: 53.06 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006124.D

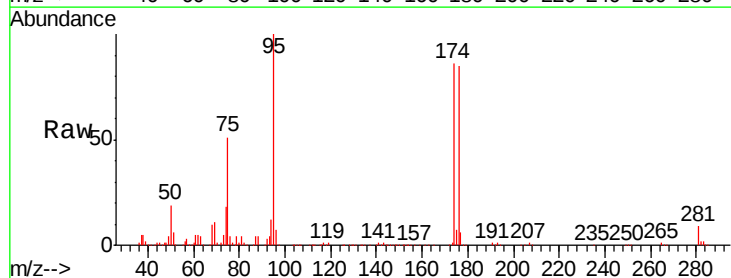
Acq: 17 Oct 2018 14:19

Tgt Ion: 75 Resp: 82822

Ion Ratio Lower Upper

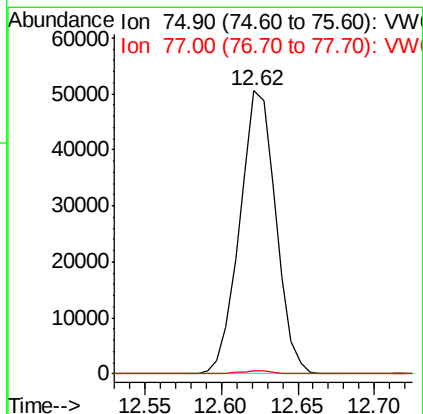
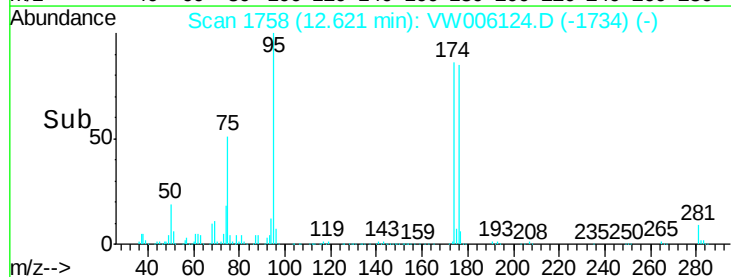
75 100

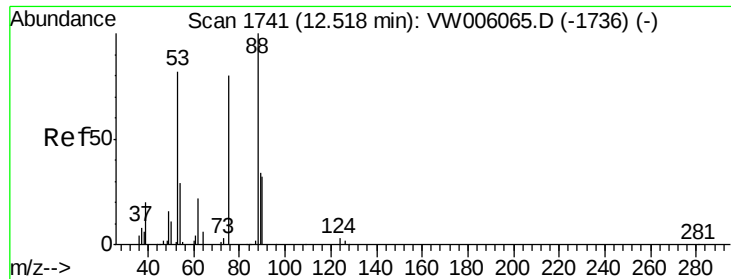
77 1.1 0.0 0.0#



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: 126.84 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006124.D

Acq: 17 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-2

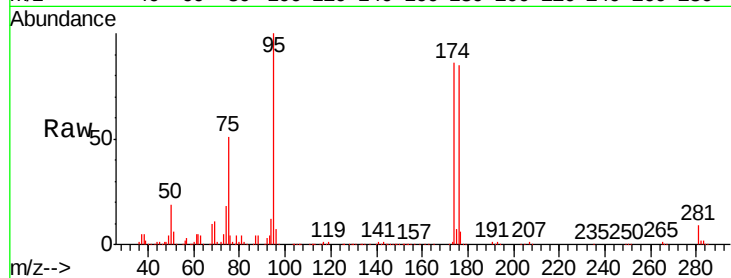
Tgt Ion: 75 Resp: 82822

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

