

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006080.D
 Acq On : 16 Oct 2018 15:53
 Operator : VA/AP
 Sample : J5526-02
 Misc : 7.69G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 16 17:51:57 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	131359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	188464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	157153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	74725	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	49226	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	
35) Dibromofluoromethane	7.89	113	48408	43.47	ug/l	0.00
Spiked Amount			Recovery	=	86.94%	
50) Toluene-d8	10.33	98	183154	43.23	ug/l	0.00
Spiked Amount			Recovery	=	86.46%	
62) 4-Bromofluorobenzene	12.62	95	61302	38.52	ug/l	0.00
Spiked Amount			Recovery	=	77.04%	

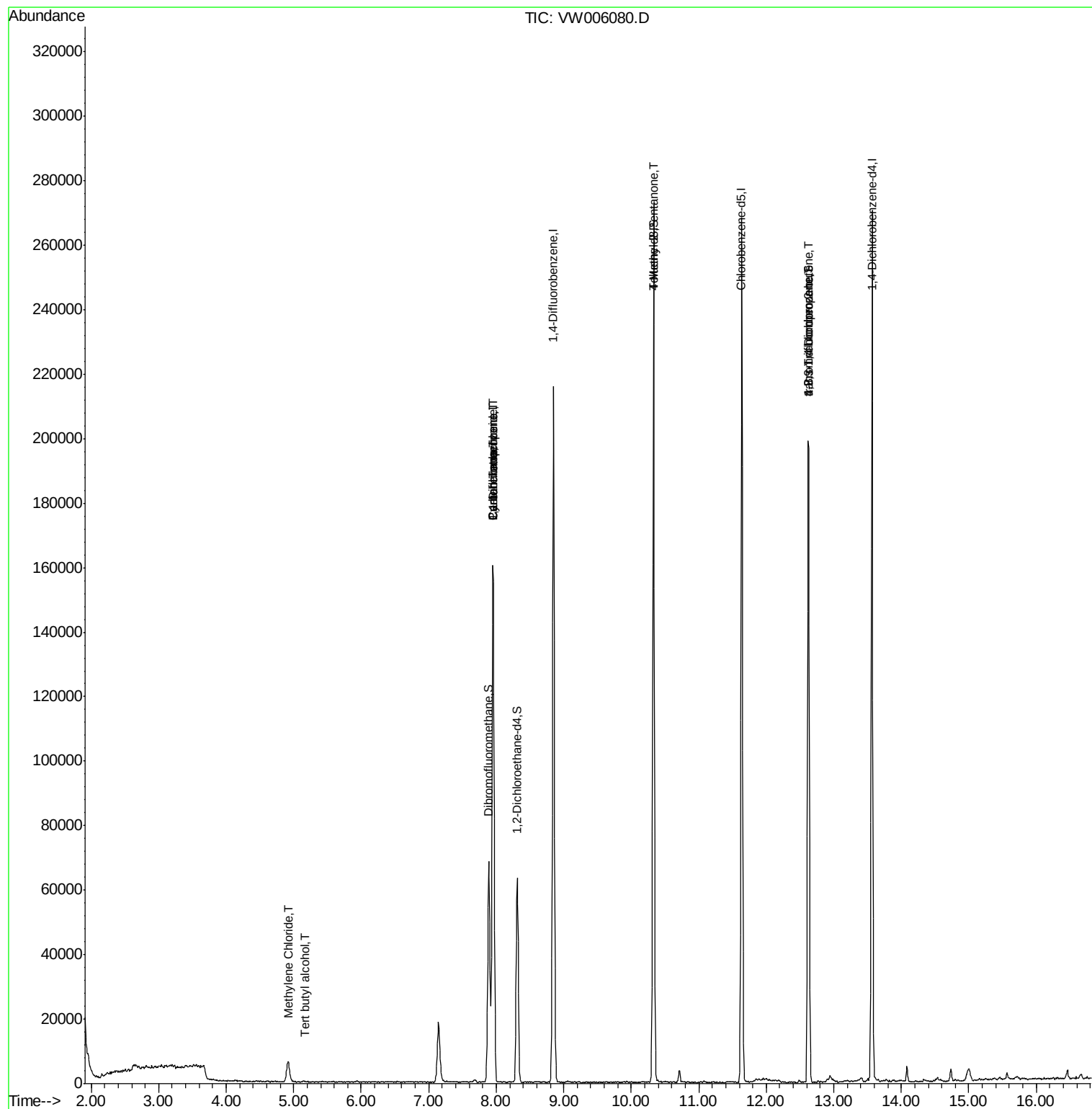
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	101	1.38	ug/l #	71
16) Acetone	4.14	43	203	Below Cal	#	45
20) Methylene Chloride	4.93	84	4797	2.62	ug/l	93
31) Cyclohexane	7.96	56	2360	1.18	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	8619	4.96	ug/l #	49
38) Carbon Tetrachloride	7.95	117	11653	6.12	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	906	1.37	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	31093	54.48	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31093	130.22	ug/l #	10

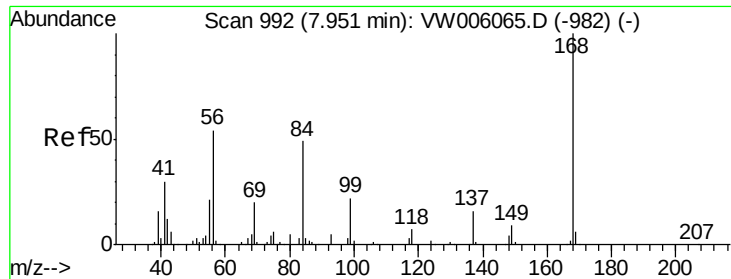
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
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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: VW006080.D

Acq: 16 Oct 2018 15:53

Instrument :

MSVOA_W

ClientSampleId :

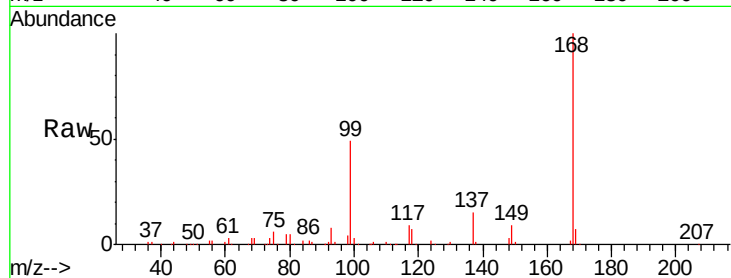
SUP-4B-G-101518-2

Tgt Ion: 168 Resp: 131359

Ion Ratio Lower Upper

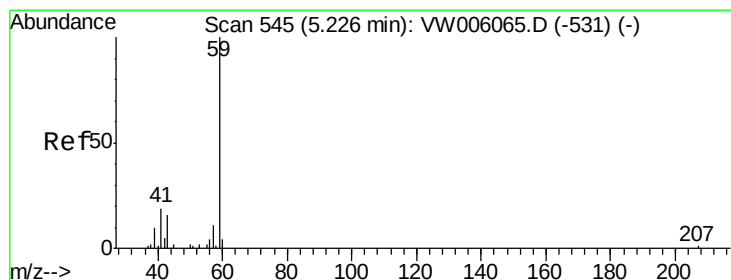
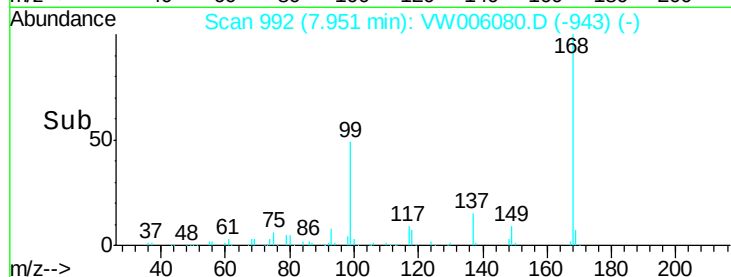
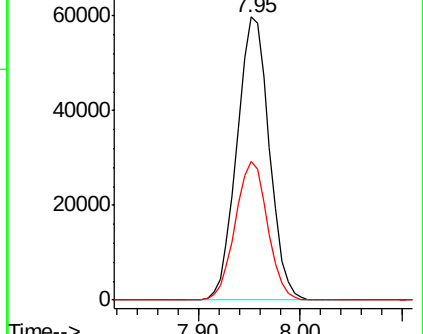
168 100

99 49.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.38 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.05 min

Lab File: VW006080.D

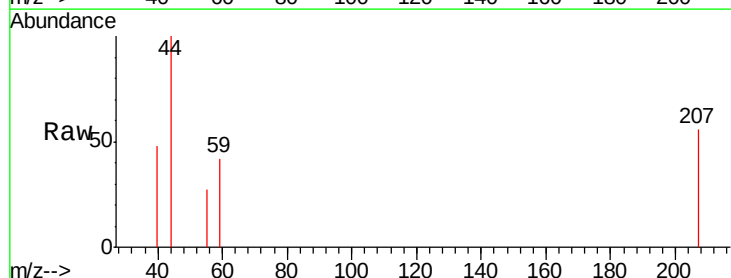
Acq: 16 Oct 2018 15:53

Tgt Ion: 59 Resp: 101

Ion Ratio Lower Upper

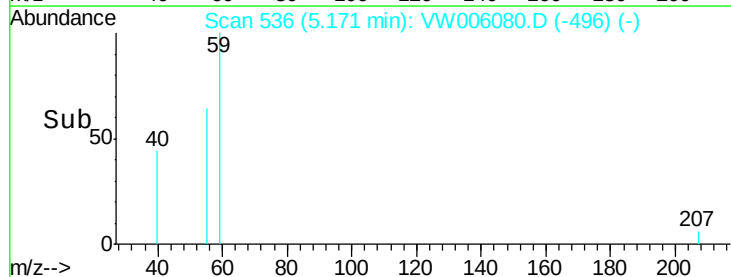
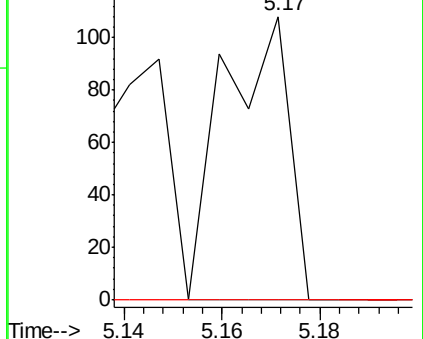
59 100

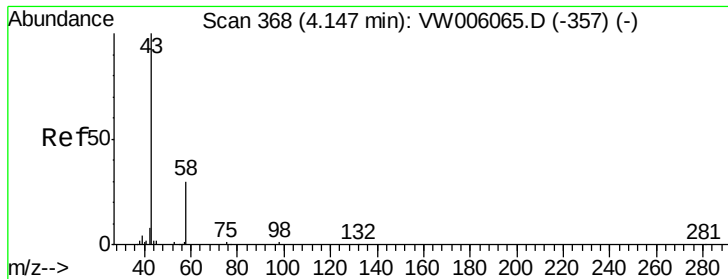
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

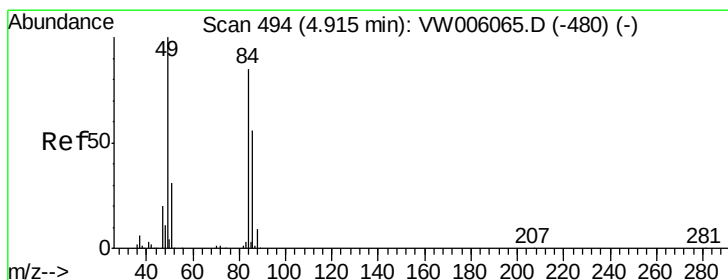
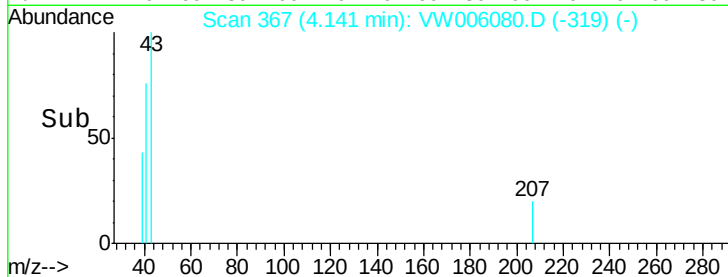
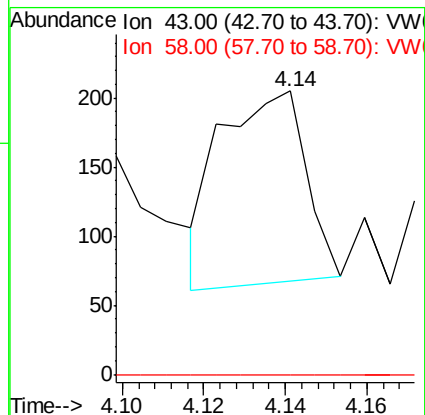
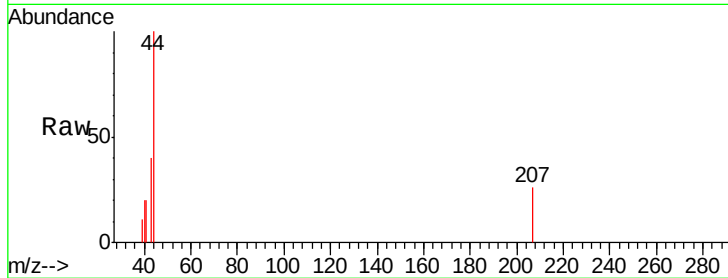




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006080.D
Acq: 16 Oct 2018 15:53

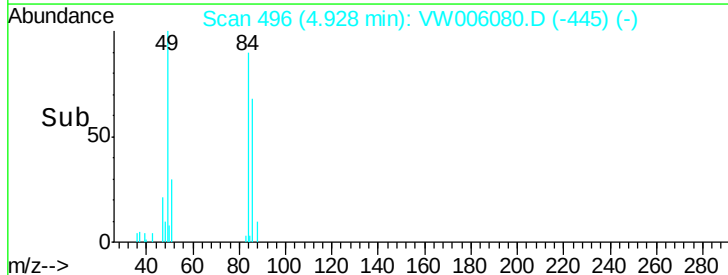
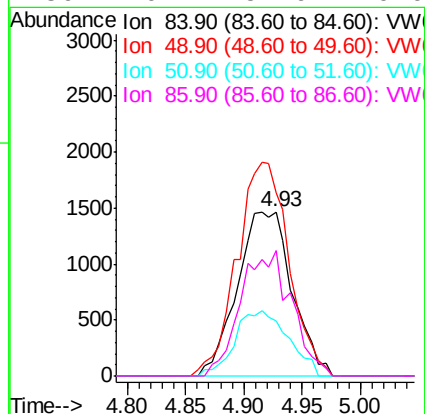
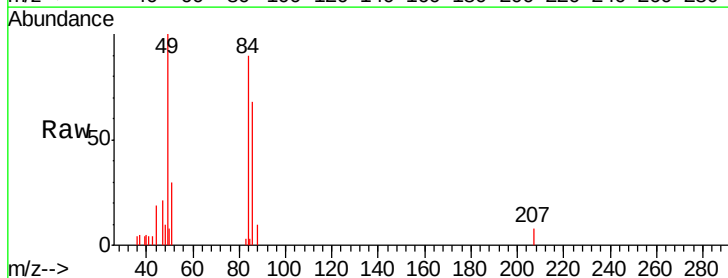
Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-2

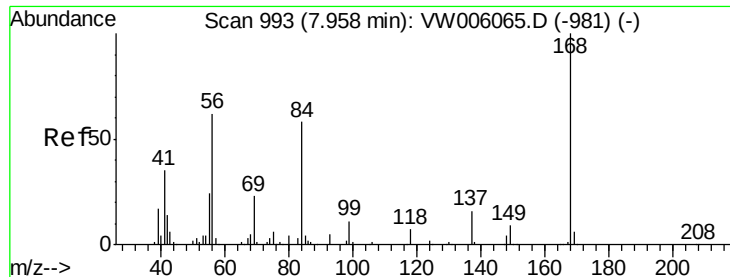
Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#20
Methylene Chloride
Concen: 2.62 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006080.D
Acq: 16 Oct 2018 15:53

Tgt Ion: 84 Resp: 4797
Ion Ratio Lower Upper
84 100
49 111.7 93.6 140.4
51 33.6 29.0 43.4
86 76.1 52.6 79.0

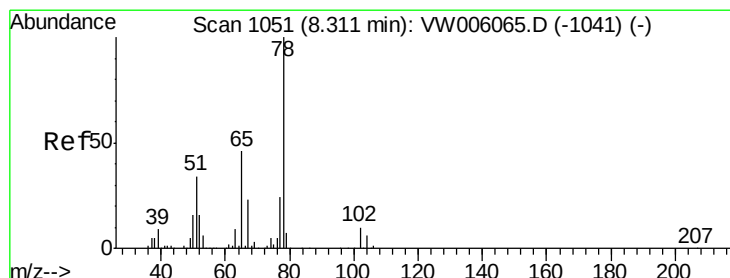
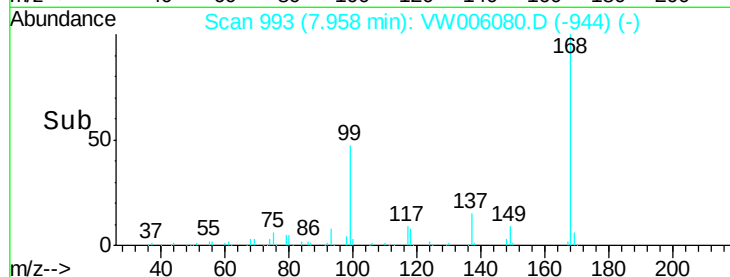
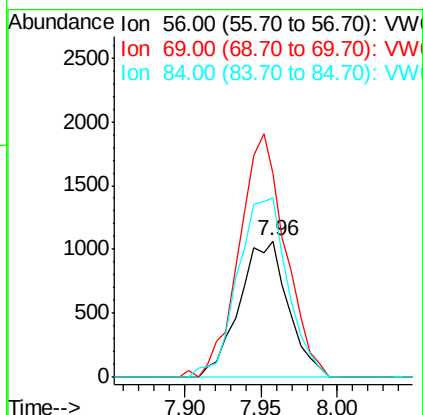
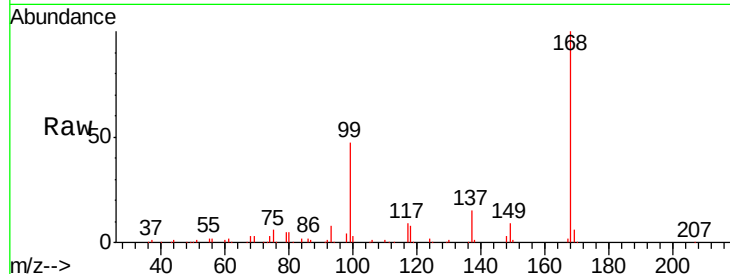




#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006080.D
Acq: 16 Oct 2018 15:53

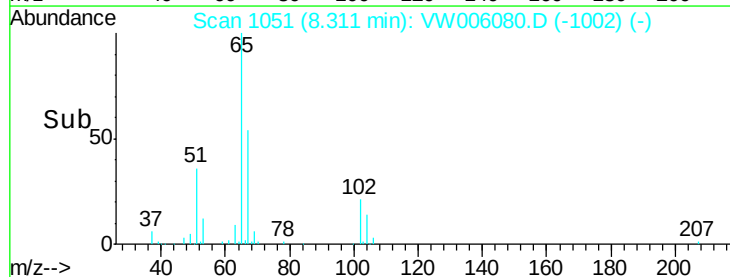
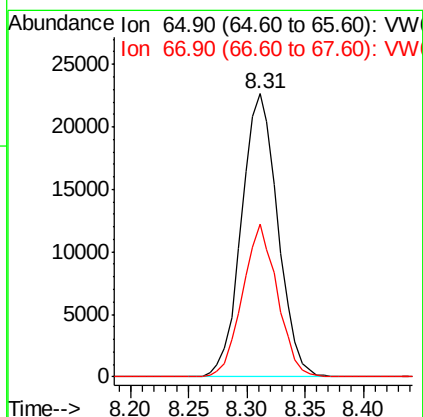
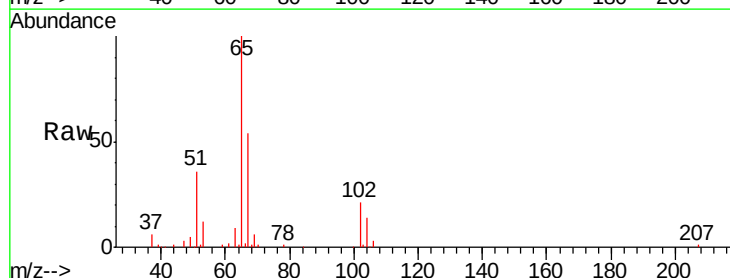
Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-2

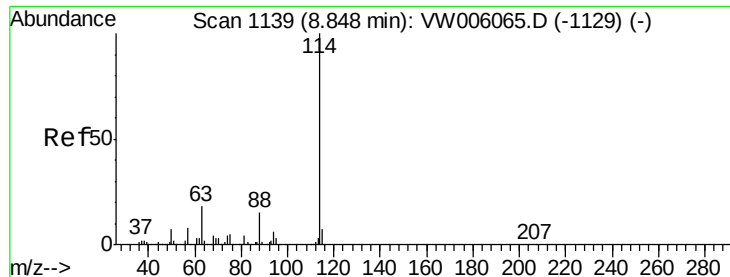
Tgt Ion: 56 Resp: 2360
Ion Ratio Lower Upper
56 100
69 149.3 29.4 44.0#
84 131.2 74.0 111.0#



#33
1,2-Dichloroethane-d4
Concen: 45.20 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006080.D
Acq: 16 Oct 2018 15:53

Tgt Ion: 65 Resp: 49226
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.0

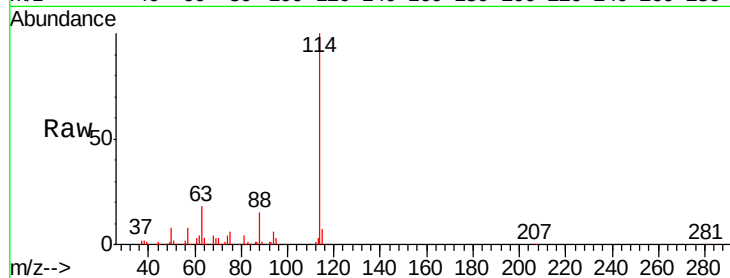




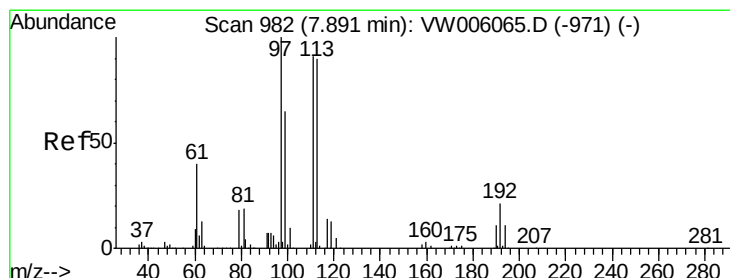
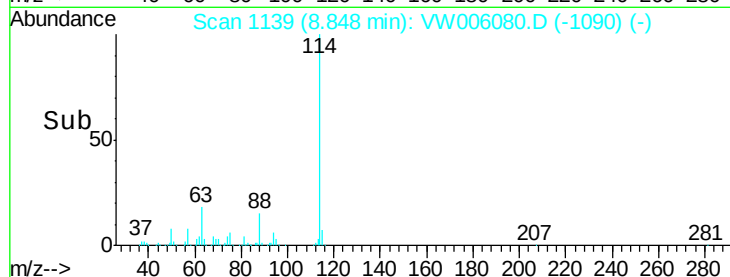
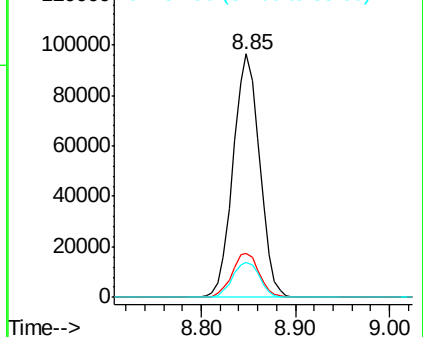
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW006080.D
Acq: 16 Oct 2018 15:53

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

Tgt Ion:114 Resp: 188464
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.8
88 14.6 0.0 29.0

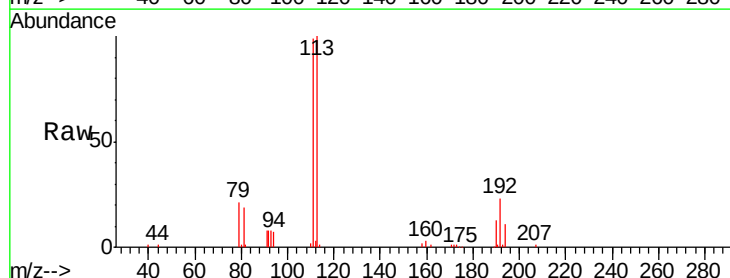


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

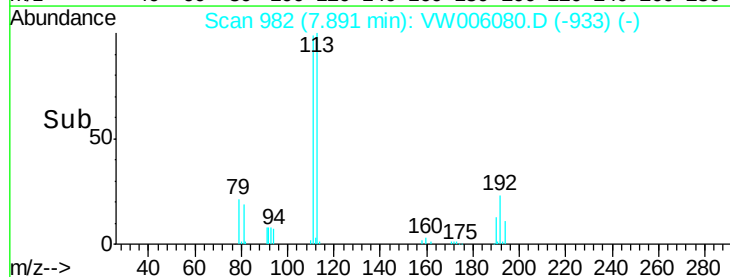
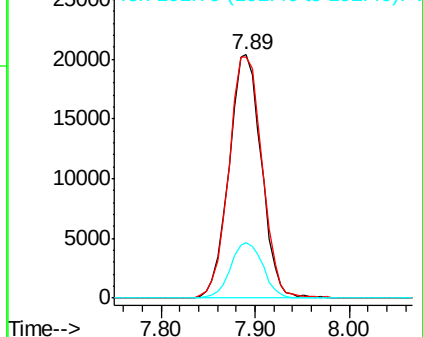


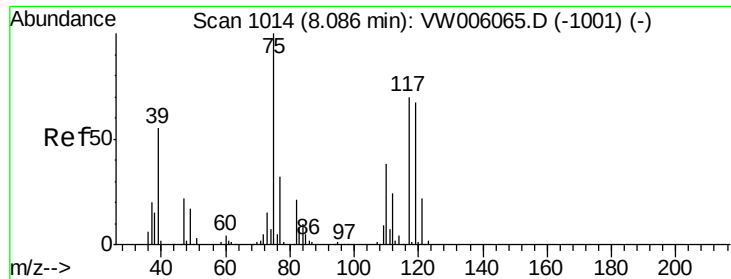
#35
Dibromofluoromethane
Concen: 43.47 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006080.D
Acq: 16 Oct 2018 15:53

Tgt Ion:113 Resp: 48408
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 22.8 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

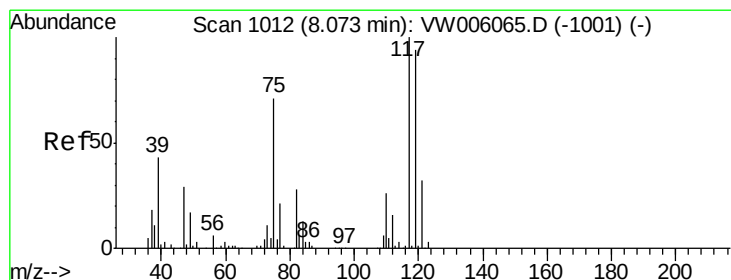
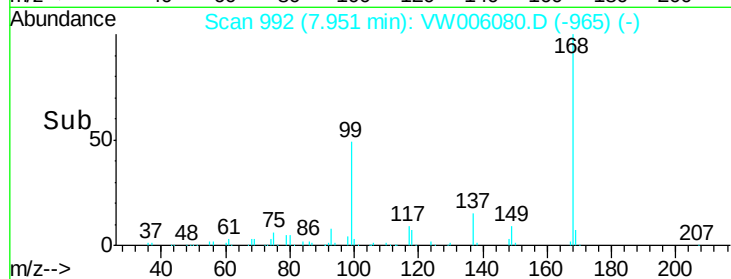
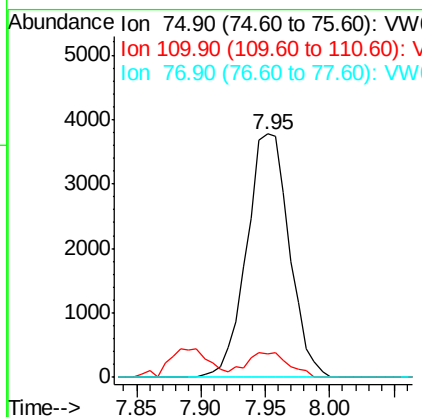
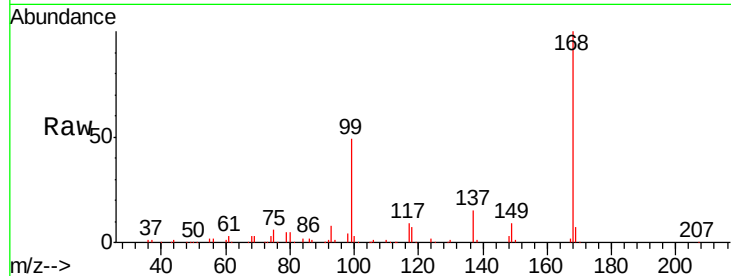




#36
 1,1-Dichloropropene
 Concen: 4.96 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006080.D
 Acq: 16 Oct 2018 15:53

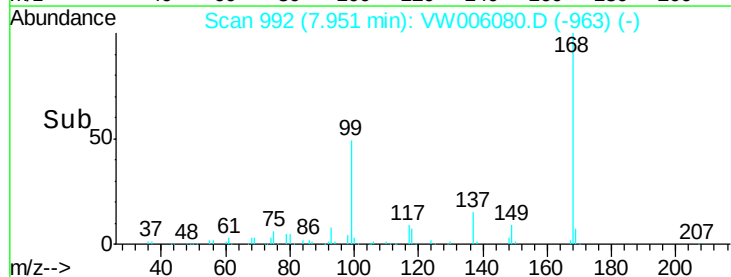
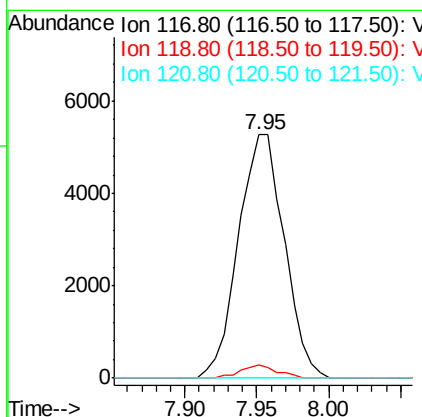
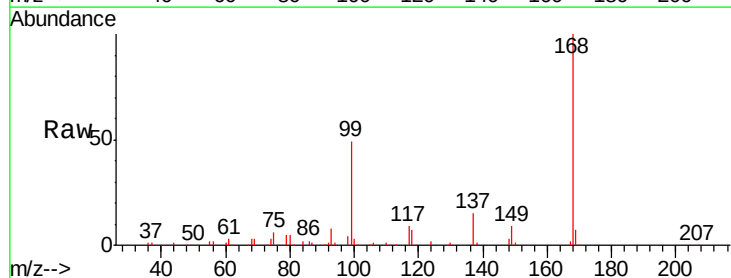
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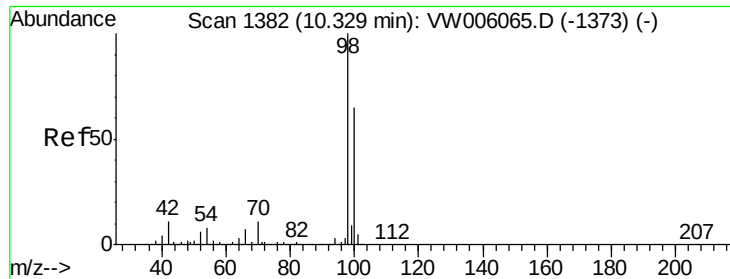
Tgt Ion: 75 Resp: 8619
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.12 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006080.D
 Acq: 16 Oct 2018 15:53

Tgt Ion: 117 Resp: 11653
 Ion Ratio Lower Upper
 117 100
 119 5.4 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 43.23 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006080.D

Acq: 16 Oct 2018 15:53

Instrument :

MSVOA_W

ClientSampleId :

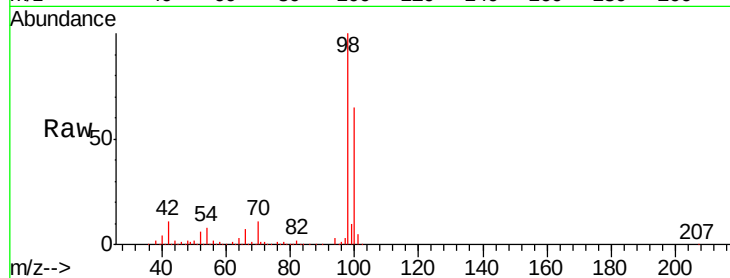
SUP-4B-G-101518-2

Tgt Ion: 98 Resp: 183154

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): VW

10.33

120000

100000

80000

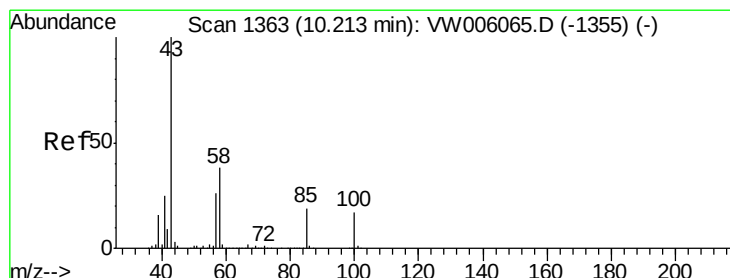
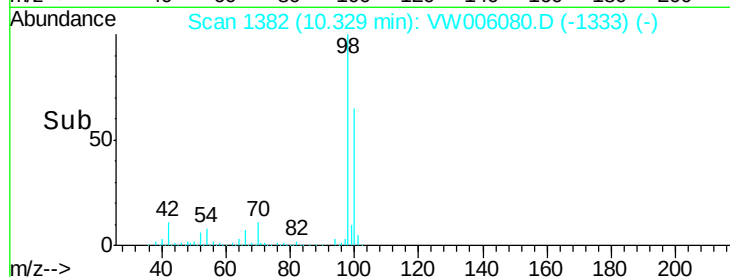
60000

40000

20000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.37 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006080.D

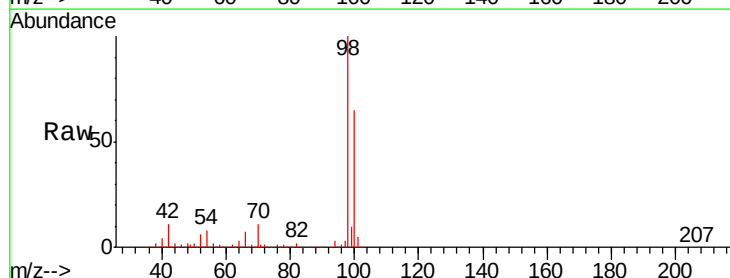
Acq: 16 Oct 2018 15:53

Tgt Ion: 43 Resp: 906

Ion Ratio Lower Upper

43 100

58 155.2 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1000

800

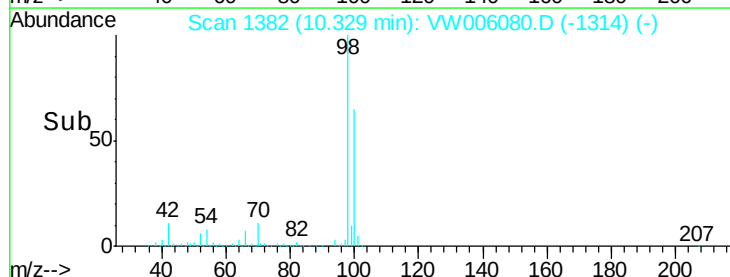
600

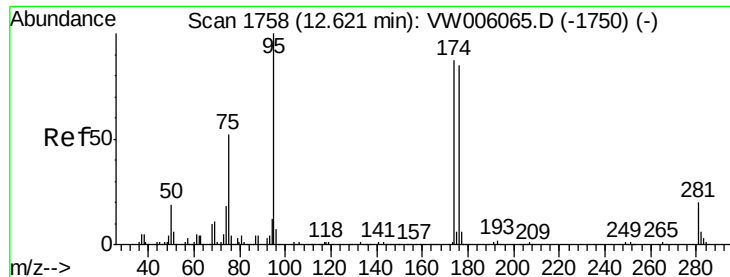
400

200

0

Time-->

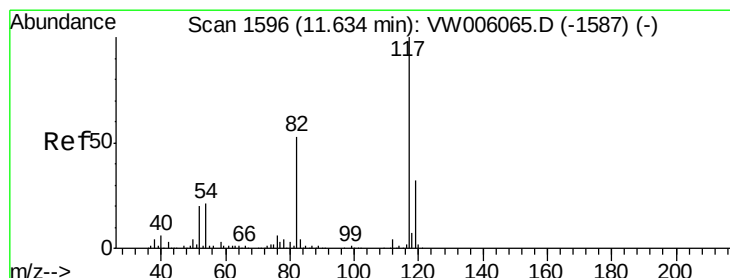
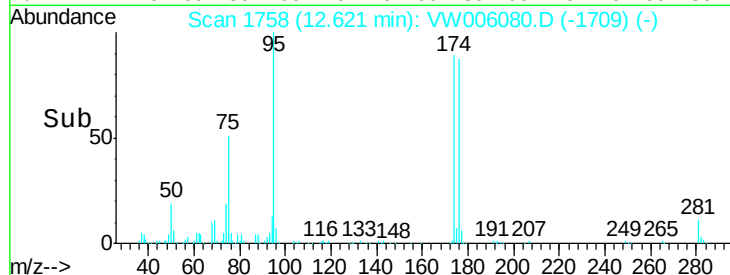
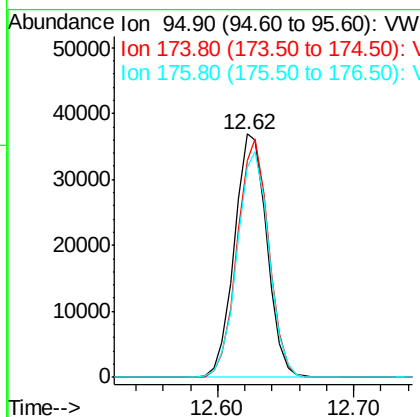
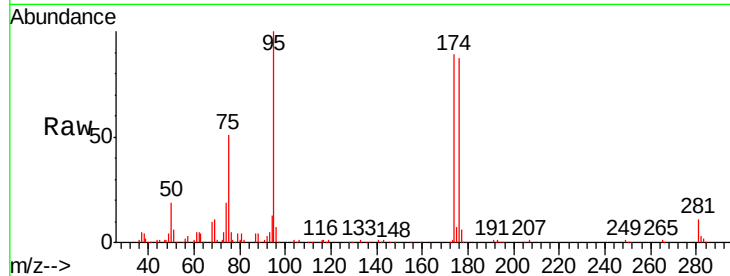




#62
4-Bromofluorobenzene
Concen: 38.52 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006080.D
Acq: 16 Oct 2018 15:53

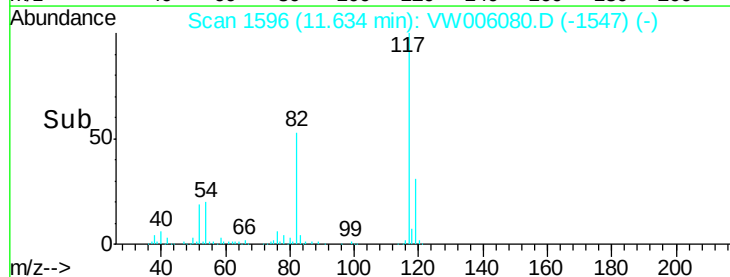
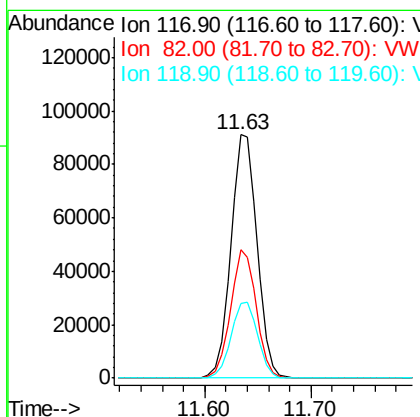
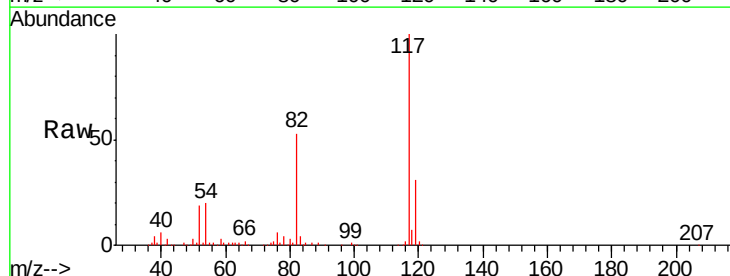
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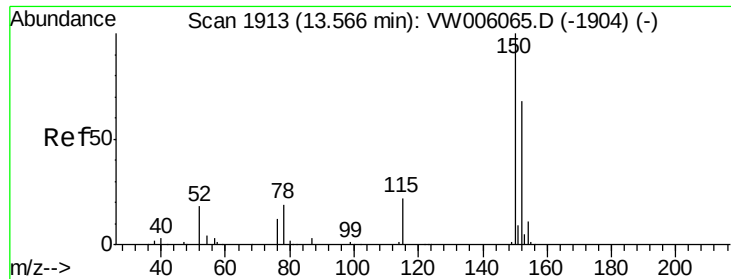
Tgt Ion: 95 Resp: 61302
Ion Ratio Lower Upper
95 100
174 94.9 0.0 186.0
176 91.4 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006080.D
Acq: 16 Oct 2018 15:53

Tgt Ion: 117 Resp: 157153
Ion Ratio Lower Upper
117 100
82 52.9 42.1 63.1
119 30.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006080.D

Acq: 16 Oct 2018 15:53

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-2

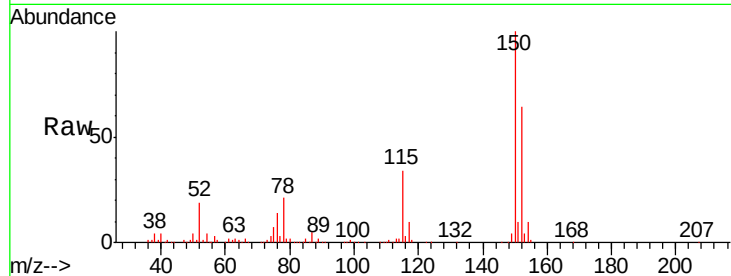
Tgt Ion:152 Resp: 74725

Ion Ratio Lower Upper

152 100

115 53.6 27.8 83.3

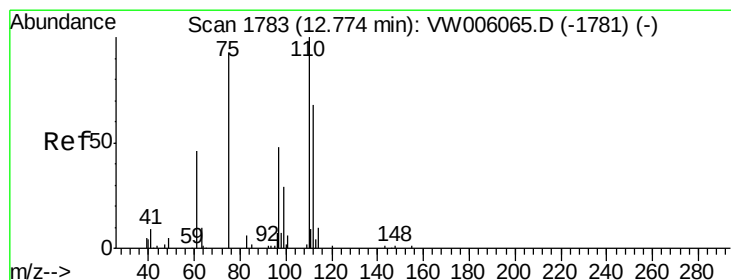
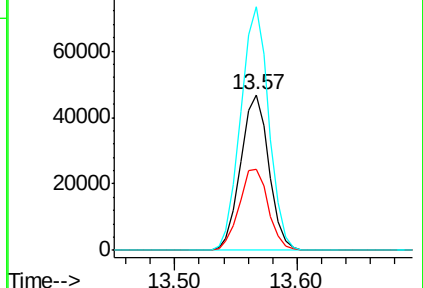
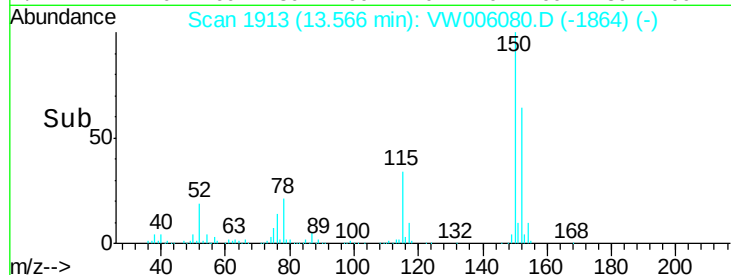
150 156.5 0.0 349.2



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: 54.48 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006080.D

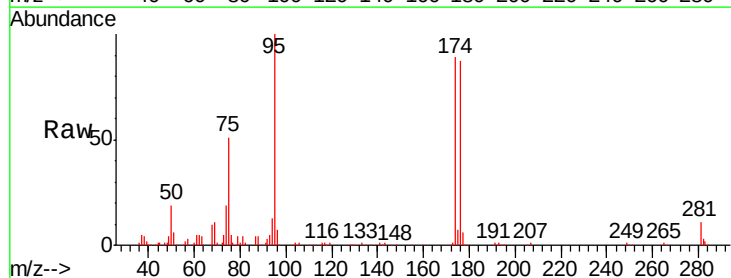
Acq: 16 Oct 2018 15:53

Tgt Ion: 75 Resp: 31093

Ion Ratio Lower Upper

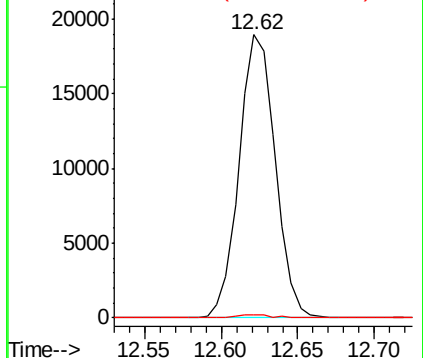
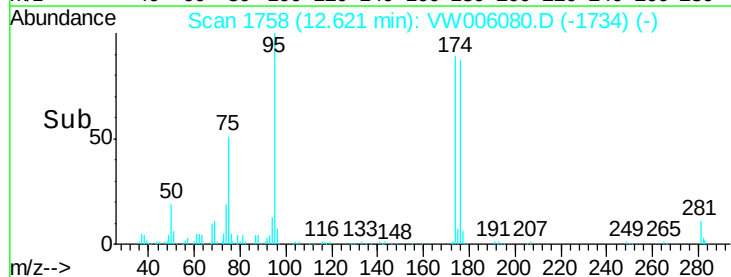
75 100

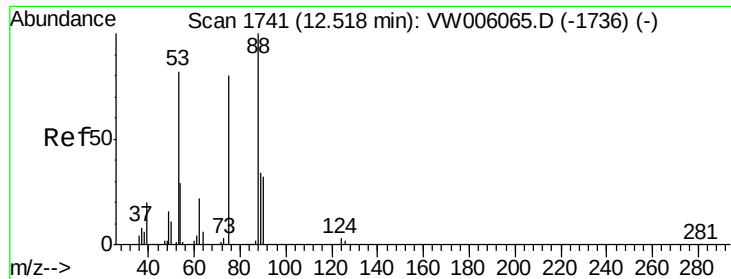
77 1.1 0.0 0.0#



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: 130.22 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006080.D
 Acq: 16 Oct 2018 15:53

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

Tgt Ion: 75 Resp: 31093
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.1 37.5 56.3#

