

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006082.D
 Acq On : 16 Oct 2018 16:44
 Operator : VA/AP
 Sample : J5526-04
 Misc : 5.61G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 16 17:52:17 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	300492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	438642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	390832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190578	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	113144	45.42	ug/l	0.00
Spiked Amount			Recovery	=	90.84%	
35) Dibromofluoromethane	7.89	113	111752	43.12	ug/l	0.00
Spiked Amount			Recovery	=	86.24%	
50) Toluene-d8	10.33	98	406515	41.22	ug/l	0.00
Spiked Amount			Recovery	=	82.44%	
62) 4-Bromofluorobenzene	12.62	95	143138	38.65	ug/l	0.00
Spiked Amount			Recovery	=	77.30%	

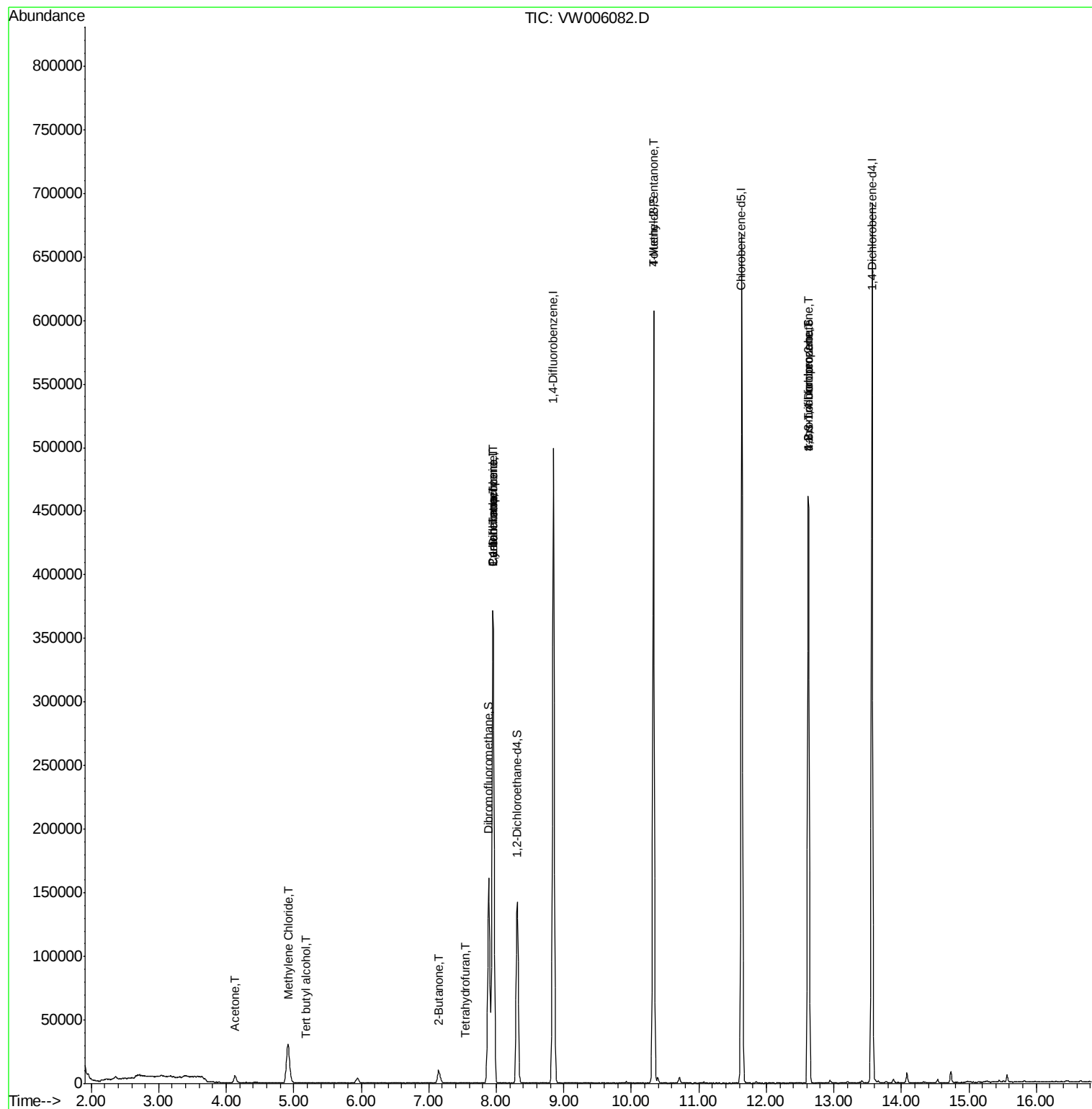
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	294	1.75	ug/l #	91
16) Acetone	4.13	43	10027	7.07	ug/l	94
20) Methylene Chloride	4.92	84	26510	8.71	ug/l	96
25) 2-Butanone	7.15	43	800	1.19	ug/l #	46
29) Tetrahydrofuran	7.55	42	449	1.09	ug/l #	38
31) Cyclohexane	7.96	56	5564	1.22	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	19617	4.85	ug/l #	49
38) Carbon Tetrachloride	7.95	117	27607	6.23	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1728	1.12	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	72613	49.88	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72613	119.24	ug/l #	10

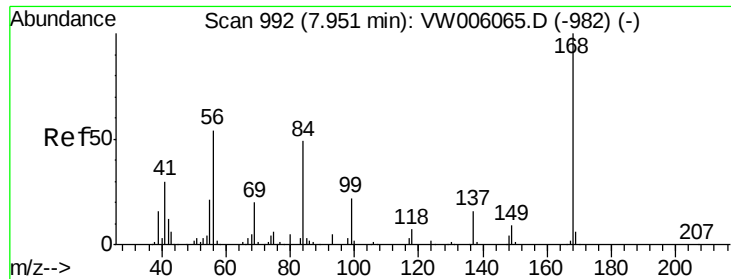
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: Oct 16 17:52:17 2018
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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: VW006082.D

Acq: 16 Oct 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

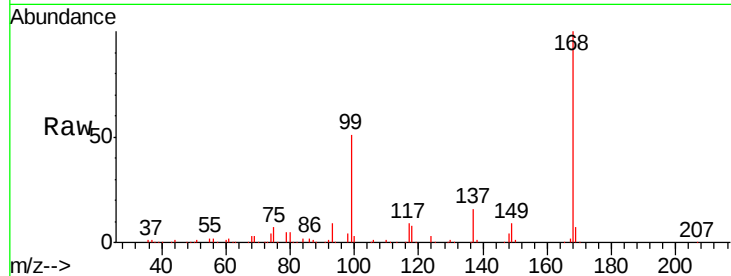
SUP-4B-G-101518-4

Tgt Ion:168 Resp: 300492

Ion Ratio Lower Upper

168 100

99 50.9 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

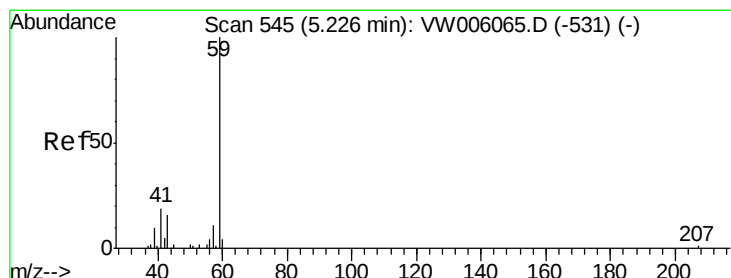
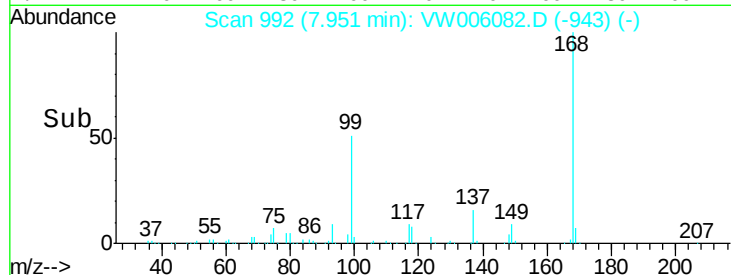
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.75 ug/l

RT: 5.19 min Scan# 539

Delta R.T. -0.04 min

Lab File: VW006082.D

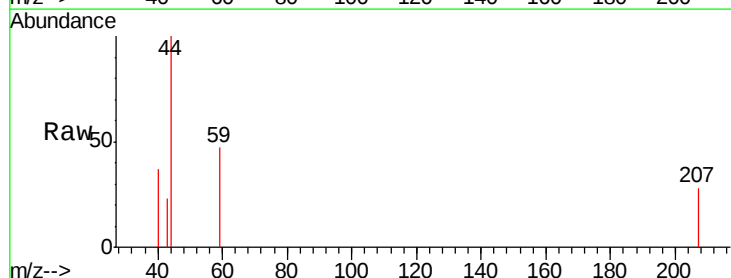
Acq: 16 Oct 2018 16:44

Tgt Ion: 59 Resp: 294

Ion Ratio Lower Upper

59 100

57 7.5 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

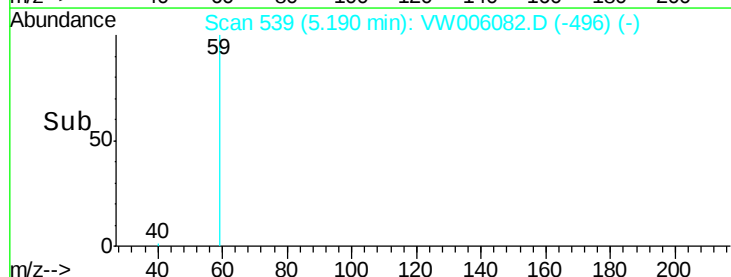
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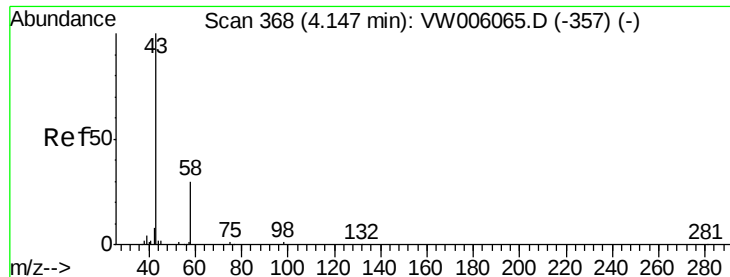
100

50

0

Time-->





#16

Acetone

Concen: 7.07 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006082.D

Acq: 16 Oct 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

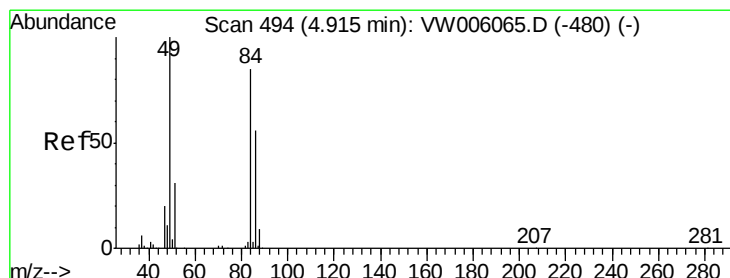
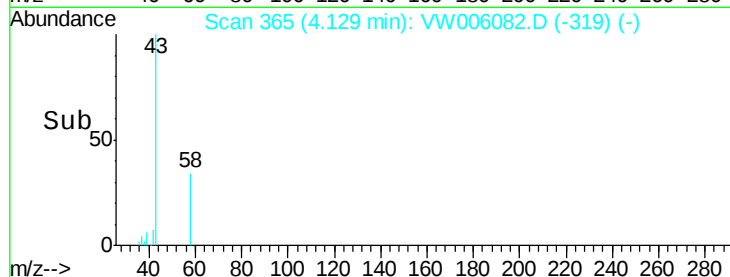
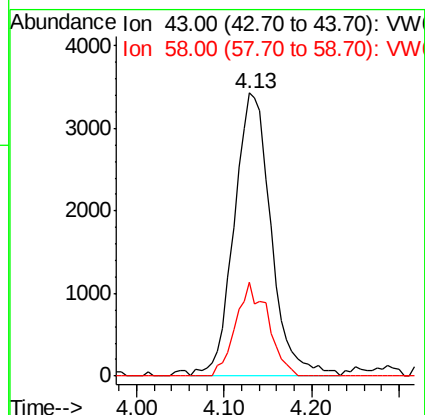
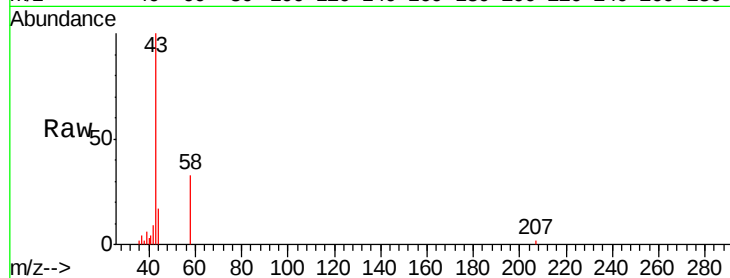
SUP-4B-G-101518-4

Tgt Ion: 43 Resp: 10027

Ion Ratio Lower Upper

43 100

58 33.4 24.0 36.0



#20

Methylene Chloride

Concen: 8.71 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006082.D

Acq: 16 Oct 2018 16:44

Tgt Ion: 84 Resp: 26510

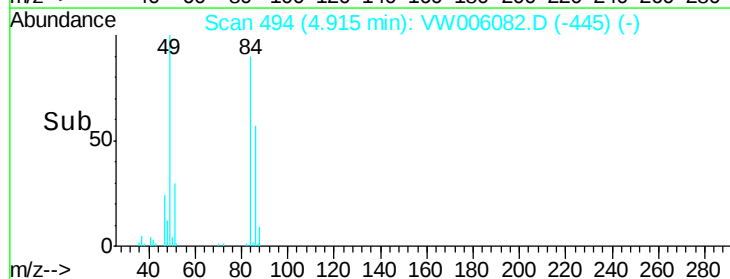
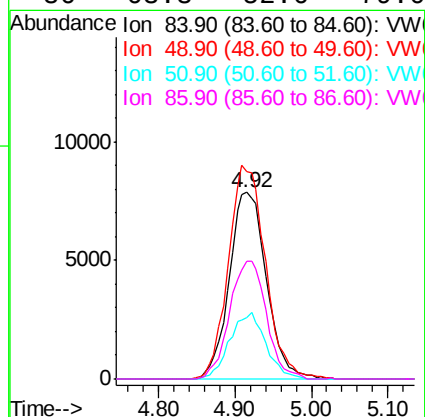
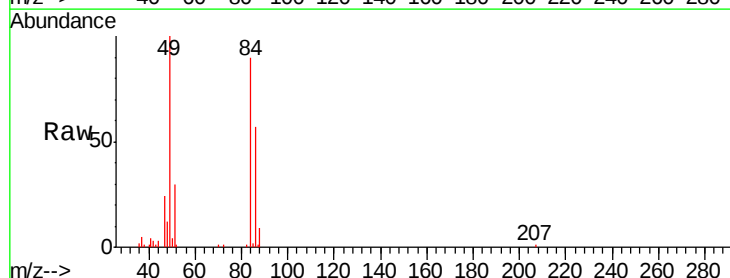
Ion Ratio Lower Upper

84 100

49 111.4 93.6 140.4

51 33.3 29.0 43.4

86 63.3 52.6 79.0





#25

2-Butanone

Concen: 1.19 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006082.D

Acq: 16 Oct 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

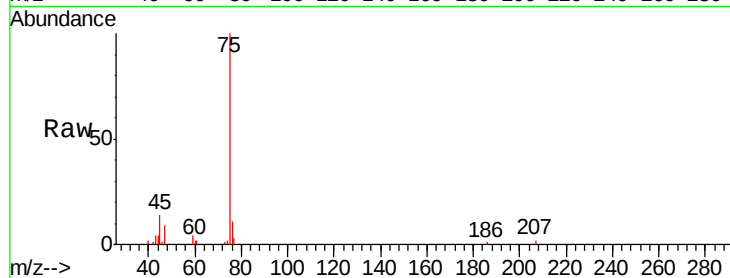
SUP-4B-G-101518-4

Tgt Ion: 43 Resp: 800

Ion Ratio Lower Upper

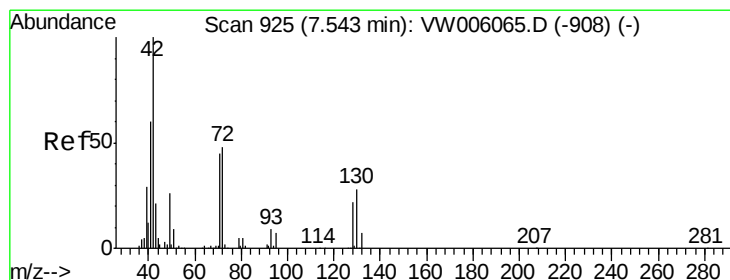
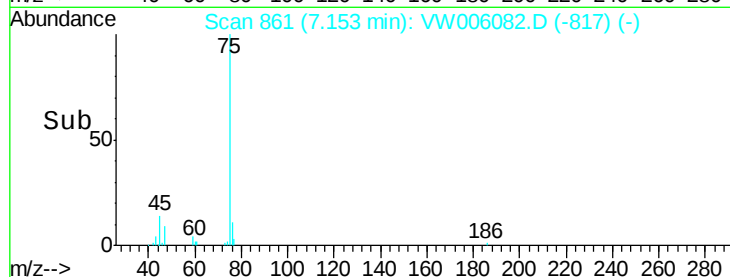
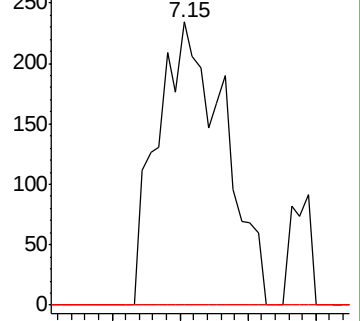
43 100

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



#29

Tetrahydrofuran

Concen: 1.09 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006082.D

Acq: 16 Oct 2018 16:44

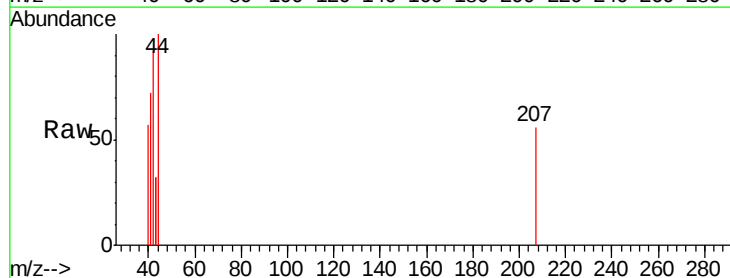
Tgt Ion: 42 Resp: 449

Ion Ratio Lower Upper

42 100

72 5.3 38.0 57.0#

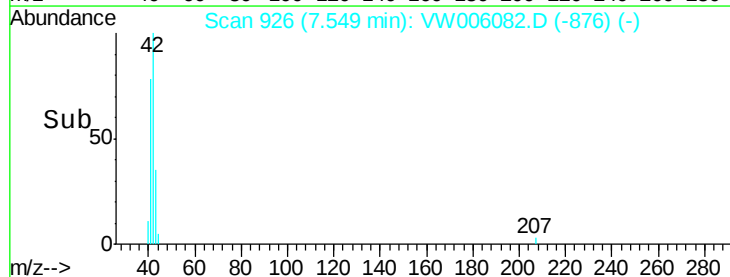
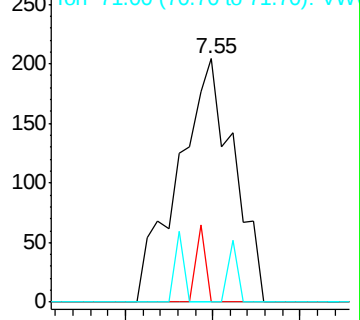
71 4.2 35.3 52.9#

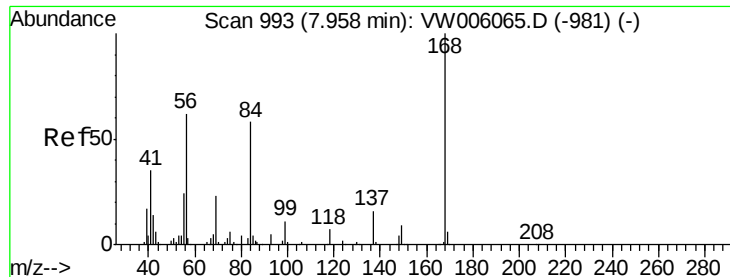


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

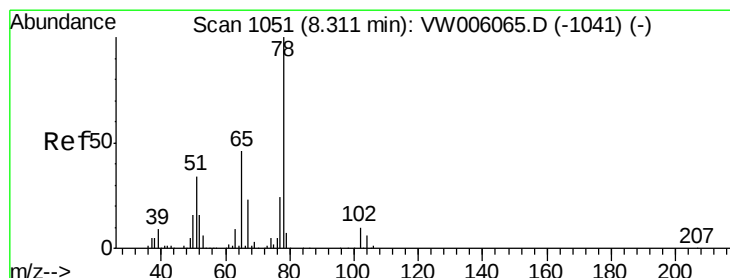
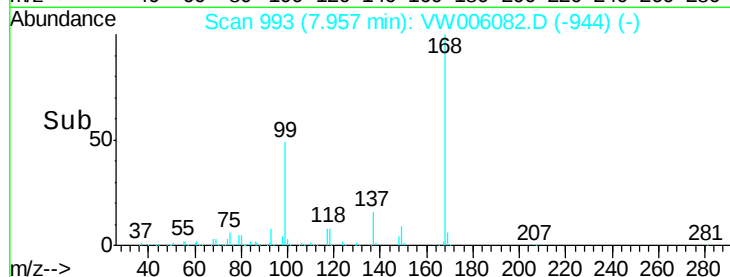
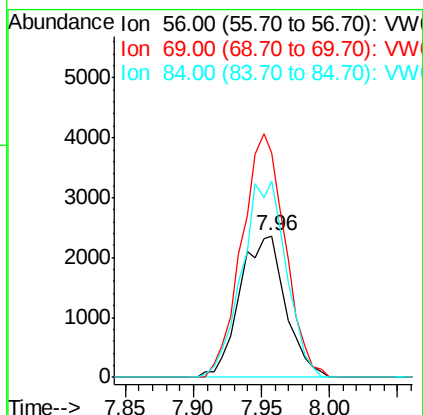
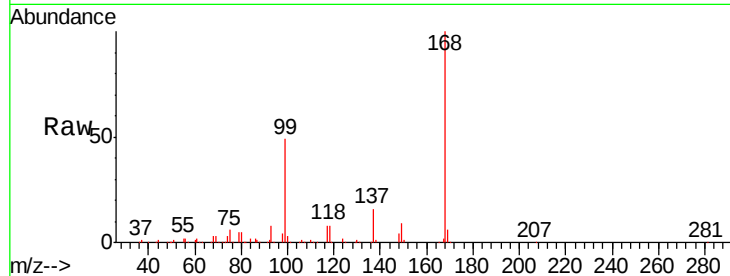




#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006082.D
Acq: 16 Oct 2018 16:44

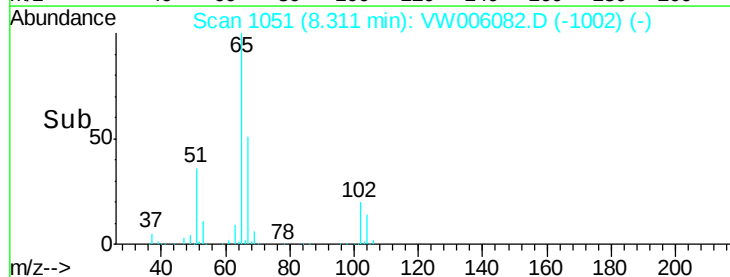
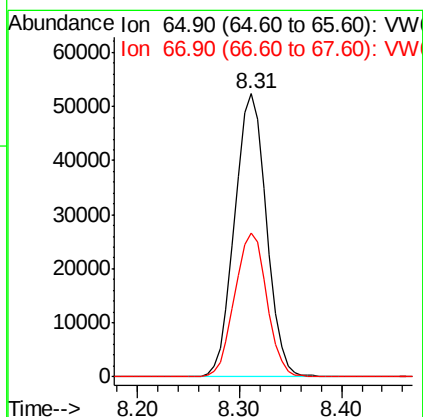
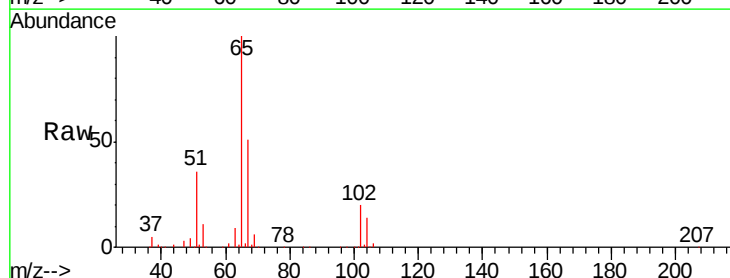
Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-4

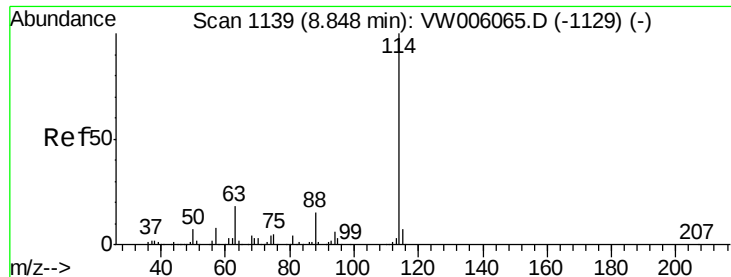
Tgt Ion: 56 Resp: 5564
Ion Ratio Lower Upper
56 100
69 158.5 29.4 44.0#
84 138.4 74.0 111.0#



#33
1,2-Dichloroethane-d4
Concen: 45.42 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006082.D
Acq: 16 Oct 2018 16:44

Tgt Ion: 65 Resp: 113144
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.0

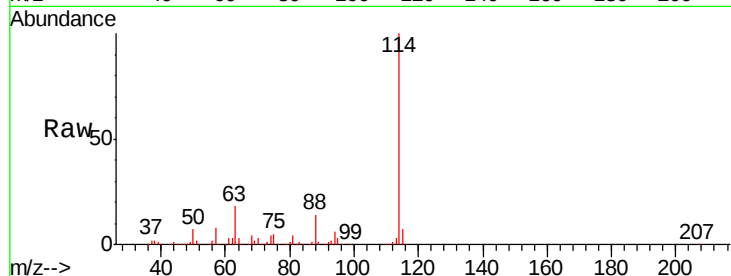




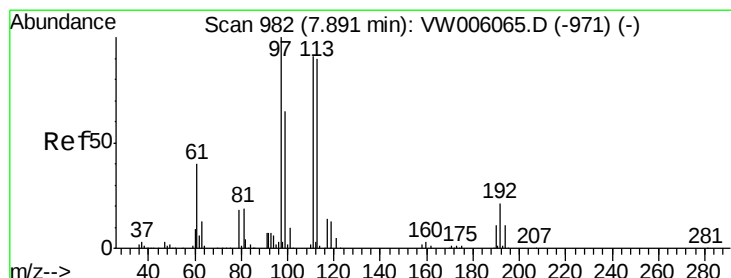
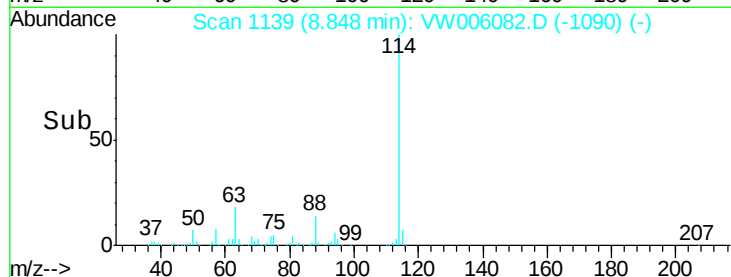
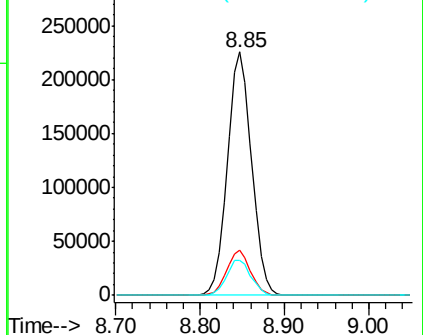
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006082.D
 Acq: 16 Oct 2018 16:44

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

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.8
88	14.3	0.0	29.0

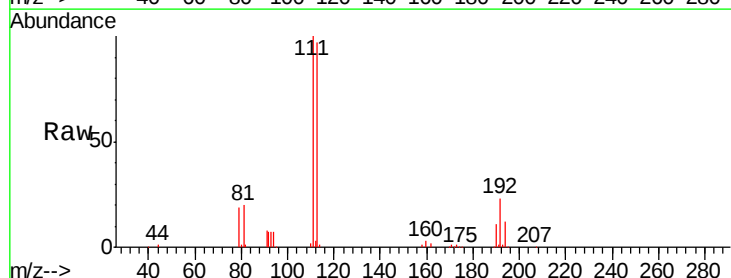


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

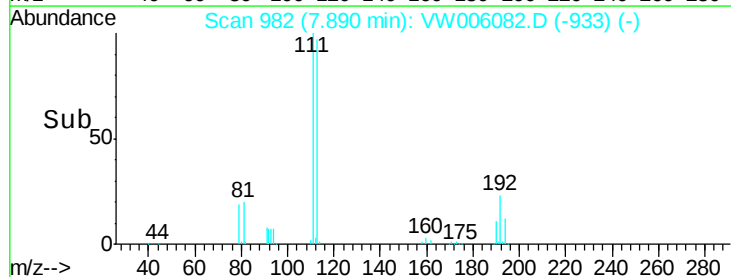
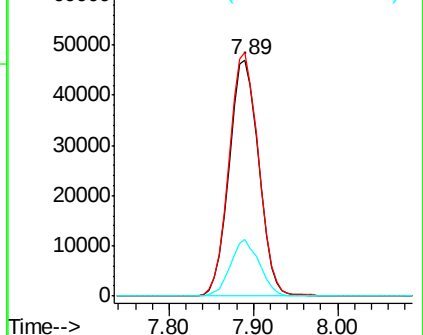


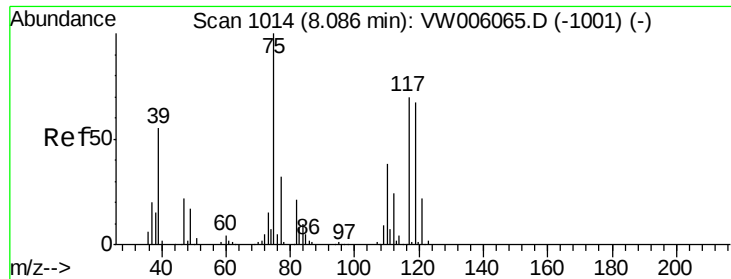
#35
 Dibromofluoromethane
 Concen: 43.12 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006082.D
 Acq: 16 Oct 2018 16:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.0
192	23.4	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

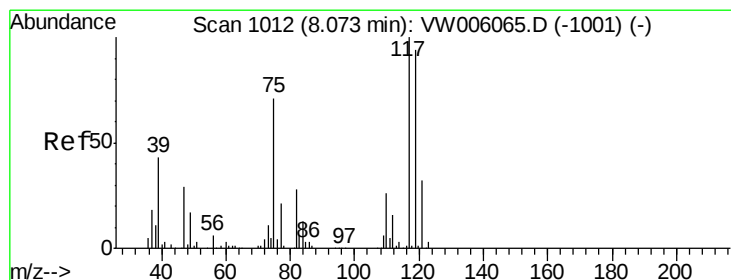
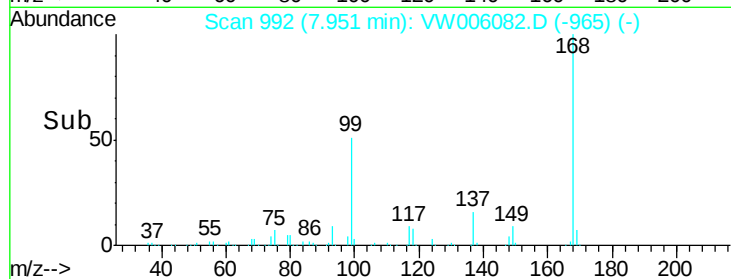
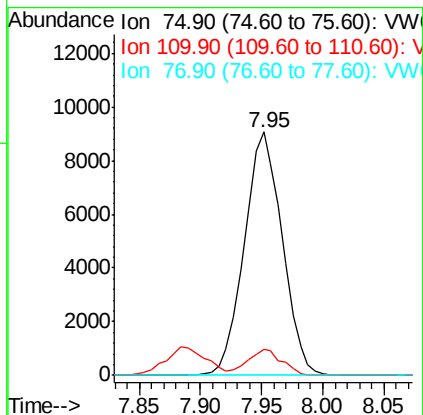
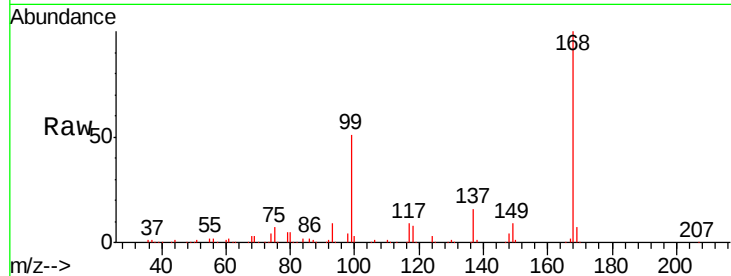




#36
 1,1-Dichloropropene
 Concen: 4.85 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006082.D
 Acq: 16 Oct 2018 16:44

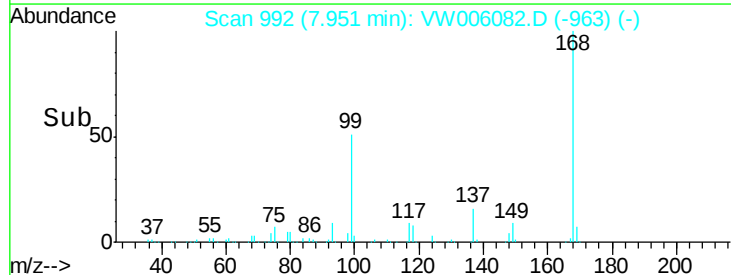
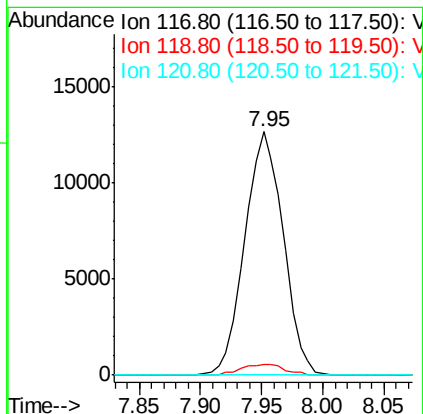
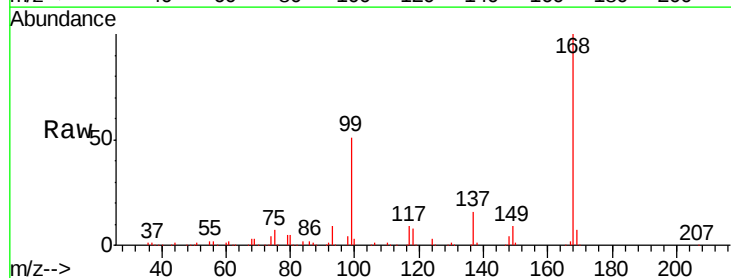
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 ClientSampleId :
 SUP-4B-G-101518-4

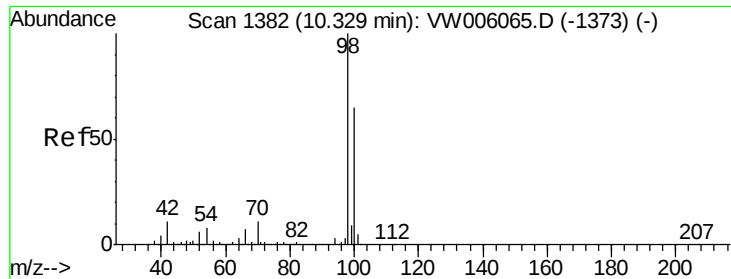
Tgt Ion: 75 Resp: 19617
 Ion Ratio Lower Upper
 75 100
 110 9.5 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.23 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006082.D
 Acq: 16 Oct 2018 16:44

Tgt Ion: 117 Resp: 27607
 Ion Ratio Lower Upper
 117 100
 119 4.2 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 41.22 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006082.D

Acq: 16 Oct 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

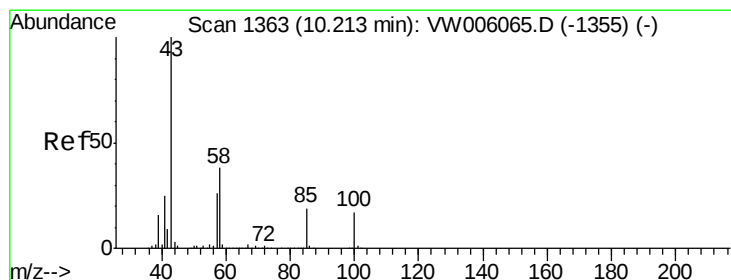
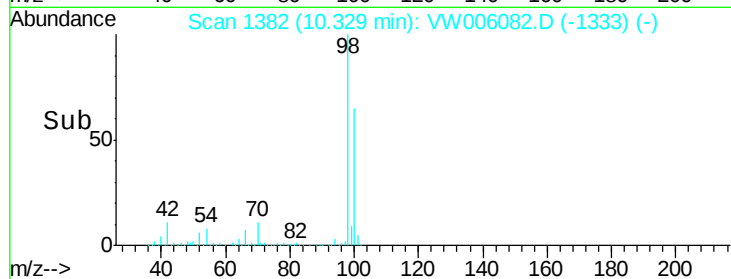
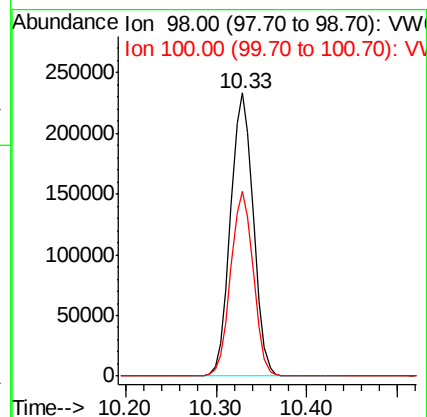
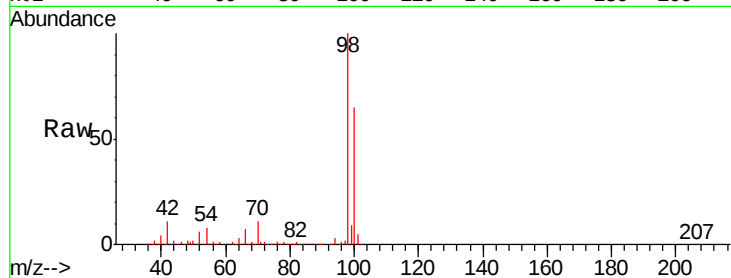
SUP-4B-G-101518-4

Tgt Ion: 98 Resp: 406515

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.12 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006082.D

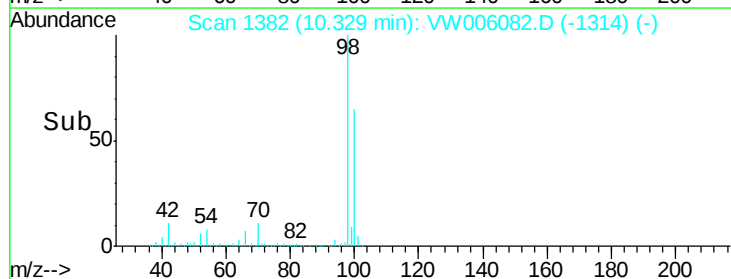
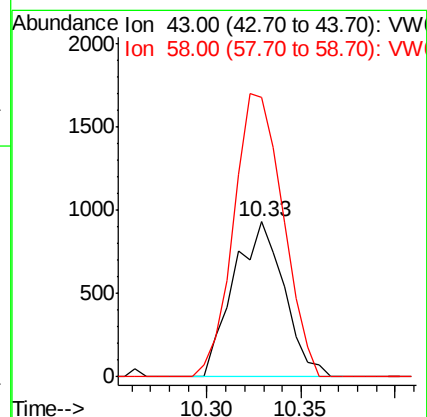
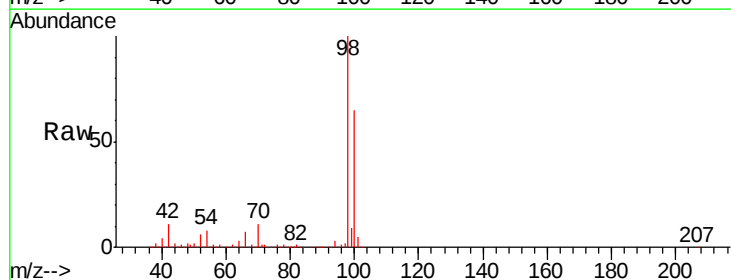
Acq: 16 Oct 2018 16:44

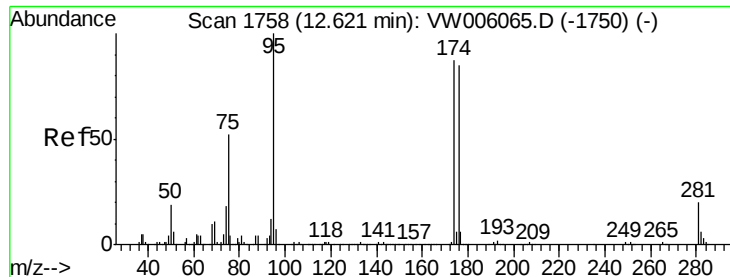
Tgt Ion: 43 Resp: 1728

Ion Ratio Lower Upper

43 100

58 178.2 31.5 47.3#

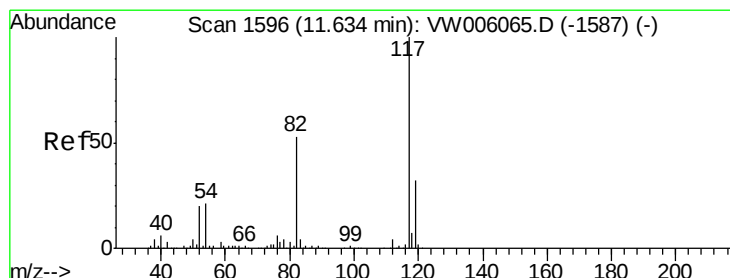
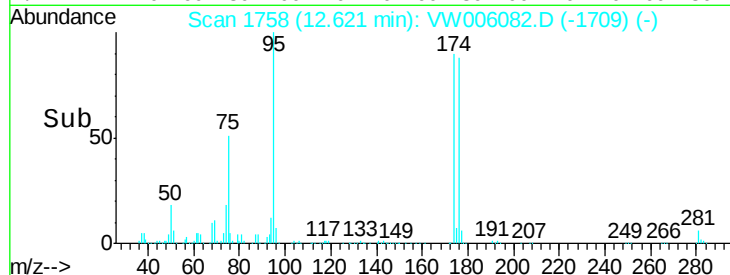
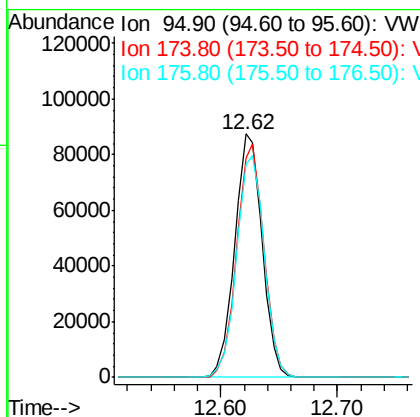
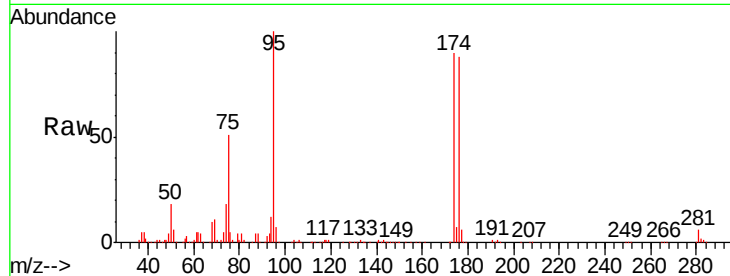




#62
4-Bromofluorobenzene
Concen: 38.65 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006082.D
Acq: 16 Oct 2018 16:44

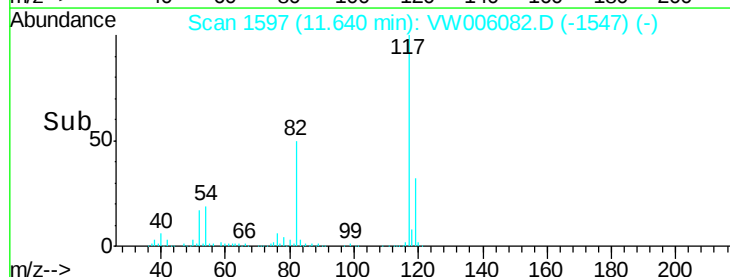
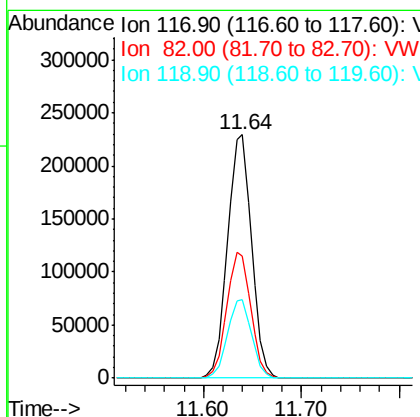
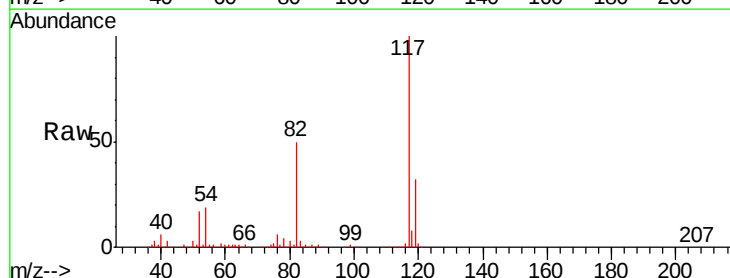
Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-4

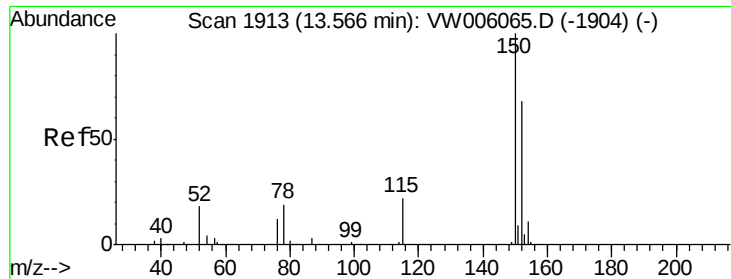
Tgt Ion: 95 Resp: 143138
Ion Ratio Lower Upper
95 100
174 95.0 0.0 186.0
176 92.2 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW006082.D
Acq: 16 Oct 2018 16:44

Tgt Ion: 117 Resp: 390832
Ion Ratio Lower Upper
117 100
82 50.0 42.1 63.1
119 32.1 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: VW006082.D

Acq: 16 Oct 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-4

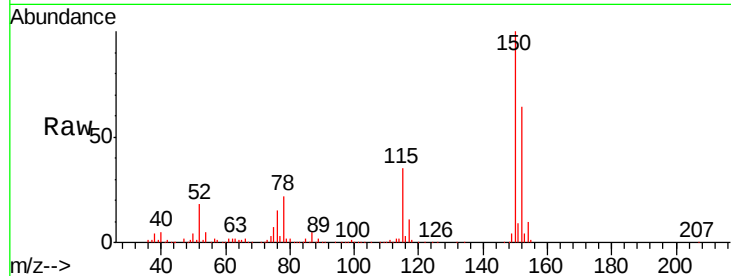
Tgt Ion:152 Resp: 190578

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.3

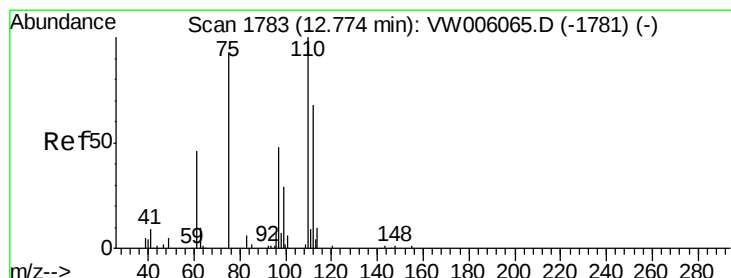
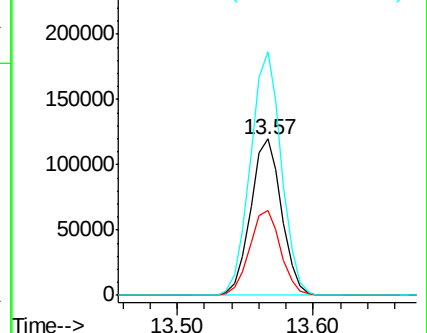
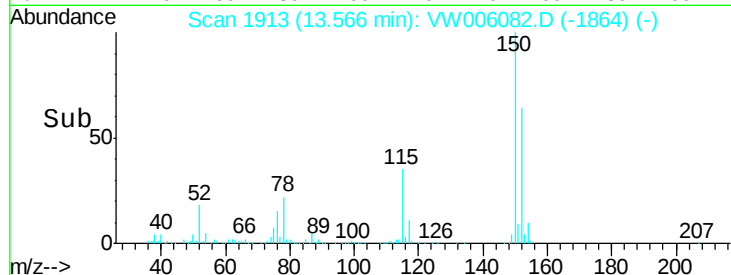
150 156.2 0.0 349.2



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: 49.88 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006082.D

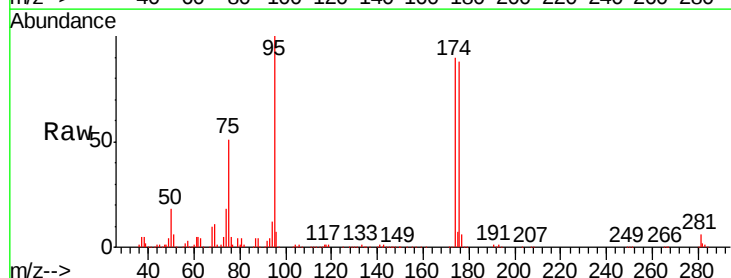
Acq: 16 Oct 2018 16:44

Tgt Ion: 75 Resp: 72613

Ion Ratio Lower Upper

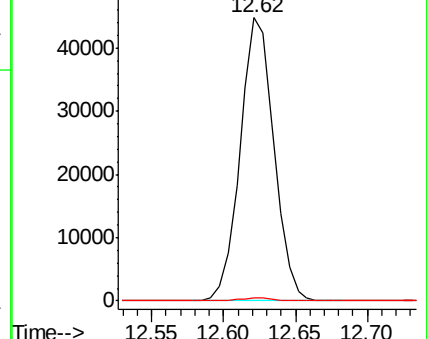
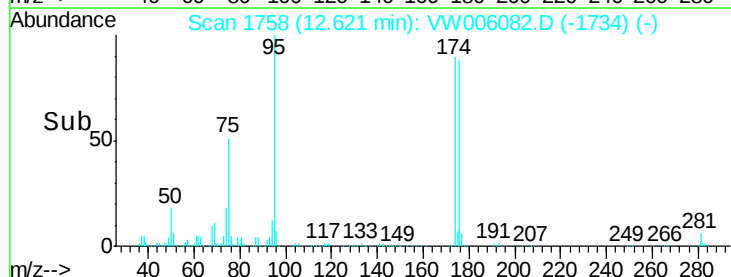
75 100

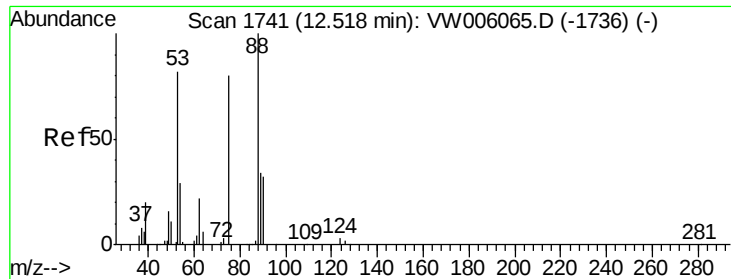
77 1.0 0.0 0.0#



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: 119.24 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006082.D

Acq: 16 Oct 2018 16:44

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-4

Tgt Ion: 75 Resp: 72613

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#

