

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006126.D
 Acq On : 17 Oct 2018 15:10
 Operator : VA/AP
 Sample : J5526-16RE
 Misc : 10.32G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-1

Quant Time: Oct 18 10:42:11 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	316586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	449237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	205877	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	123379	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
35) Dibromofluoromethane	7.89	113	122586	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
50) Toluene-d8	10.33	98	450065	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
62) 4-Bromofluorobenzene	12.62	95	164403	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	

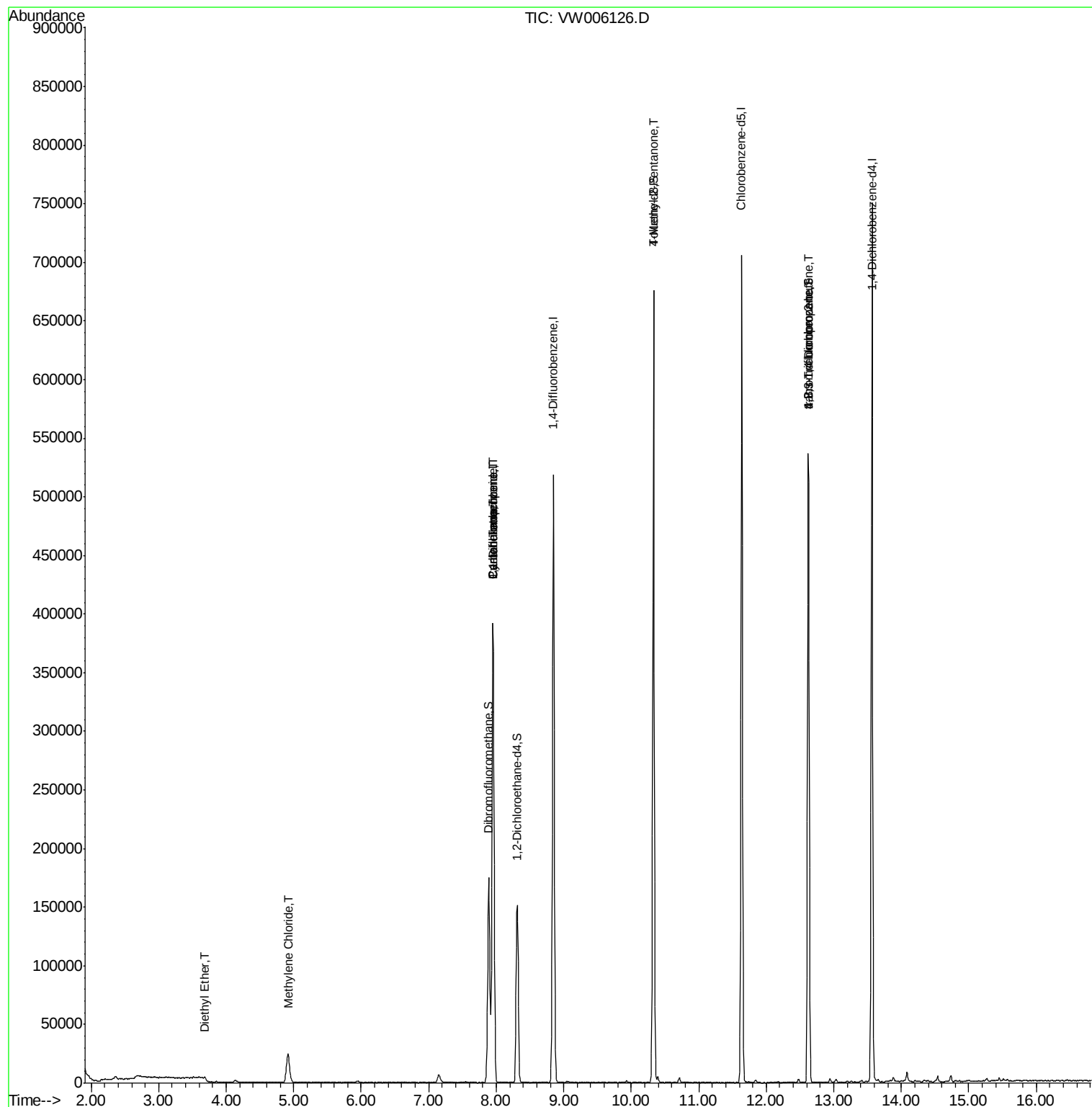
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1851	1.30	ug/l	82
16) Acetone	4.13	43	3159	Below Cal	#	86
20) Methylene Chloride	4.92	84	20630	6.00	ug/l	95
31) Cyclohexane	7.95	56	5390	1.12	ug/l	# 3
36) 1,1-Dichloropropene	7.95	75	20609	4.98	ug/l	# 48
38) Carbon Tetrachloride	7.95	117	27554	6.07	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.33	43	1868	1.19	ug/l	# 1
76) 1,2,3-Trichloropropane	12.62	75	85293	54.24	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	85293	129.66	ug/l	# 10

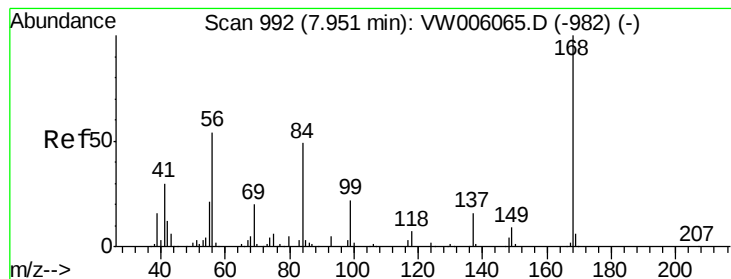
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
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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: VW006126.D

Acq: 17 Oct 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

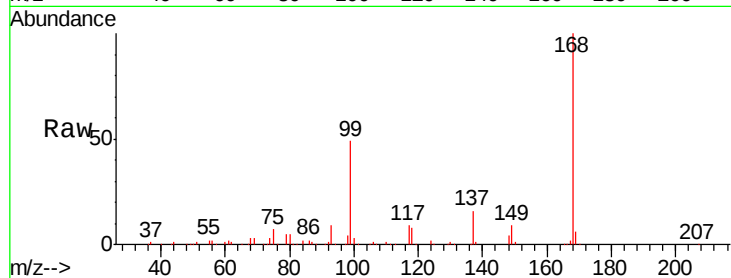
SUP-4A-G-101518-1

Tgt Ion:168 Resp: 316586

Ion Ratio Lower Upper

168 100

99 49.2 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

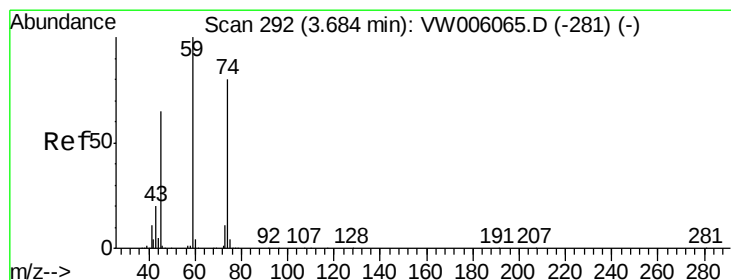
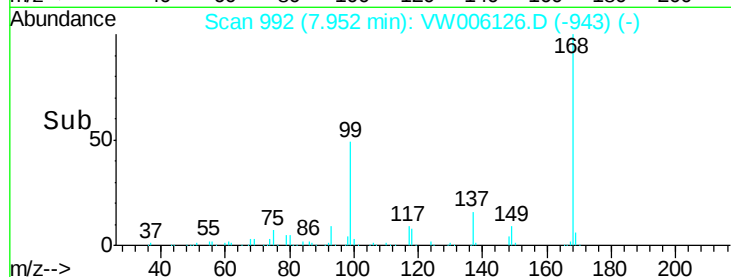
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.30 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006126.D

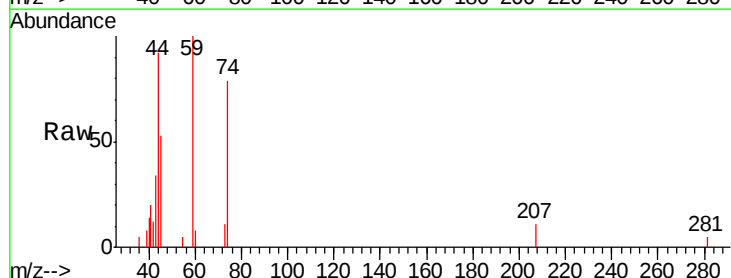
Acq: 17 Oct 2018 15:10

Tgt Ion: 74 Resp: 1851

Ion Ratio Lower Upper

74 100

45 102.3 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

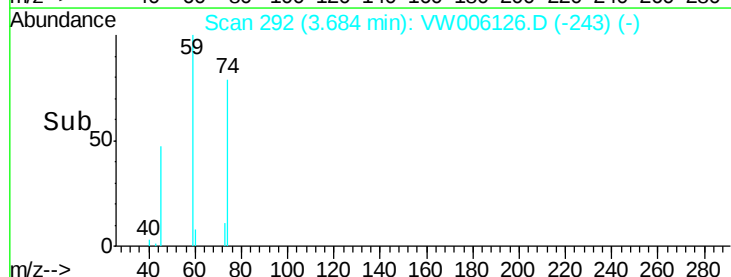
600

400

200

0

Time-->

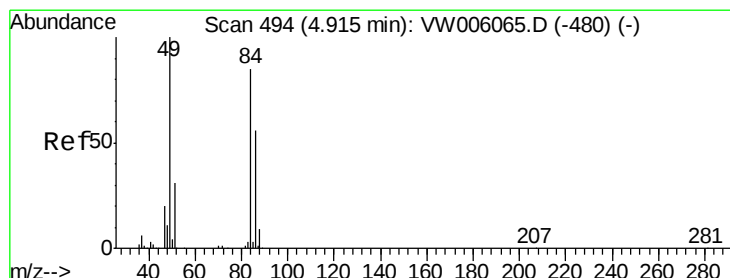
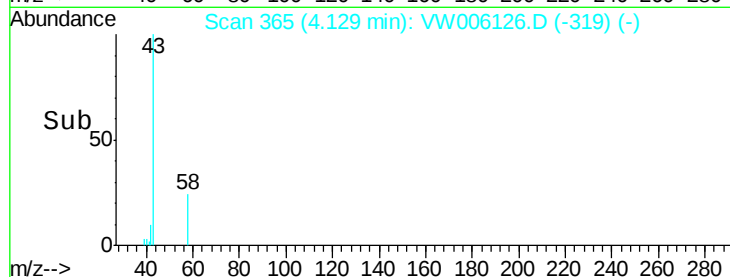
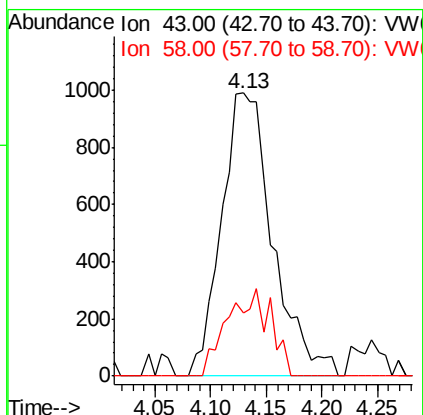
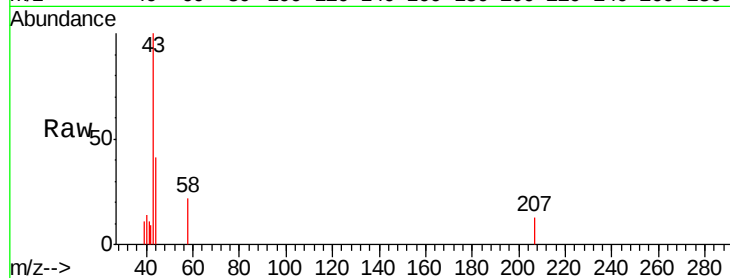




#16
Acetone
Concen: Below Cal
RT: 4.13 min Scan# 365
Delta R.T. -0.02 min
Lab File: VW006126.D
Acq: 17 Oct 2018 15:10

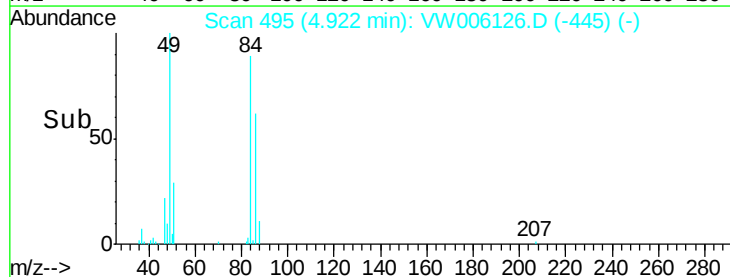
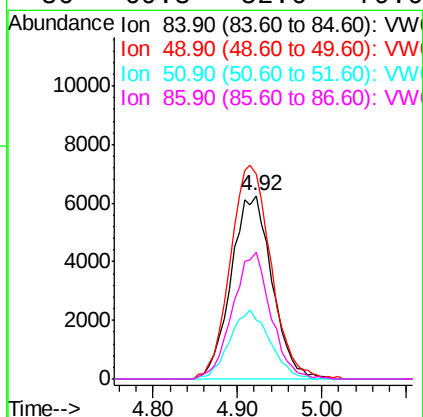
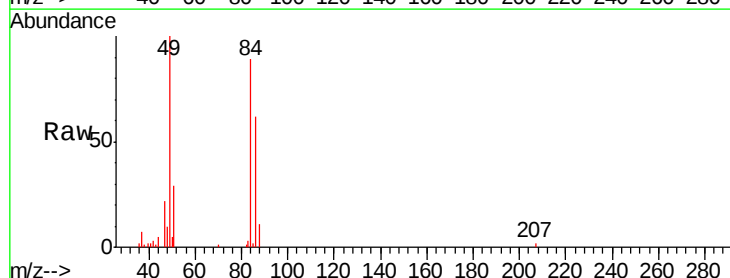
Instrument :
MSVOA_W
ClientSampleId :
SUP-4A-G-101518-1

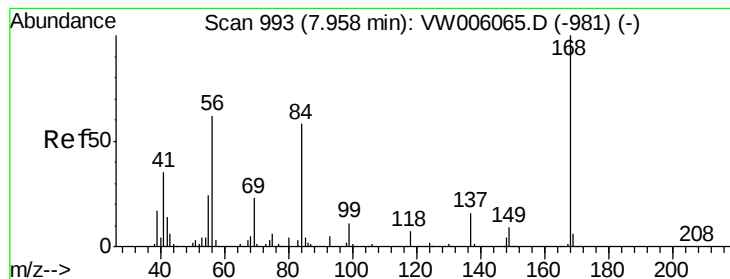
Tgt Ion: 43 Resp: 3159
Ion Ratio Lower Upper
43 100
58 22.3 24.0 36.0#



#20
Methylene Chloride
Concen: 6.00 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006126.D
Acq: 17 Oct 2018 15:10

Tgt Ion: 84 Resp: 20630
Ion Ratio Lower Upper
84 100
49 111.8 93.6 140.4
51 32.1 29.0 43.4
86 69.3 52.6 79.0





#31

Cyclohexane

Concen: 1.12 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006126.D

Acq: 17 Oct 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-1

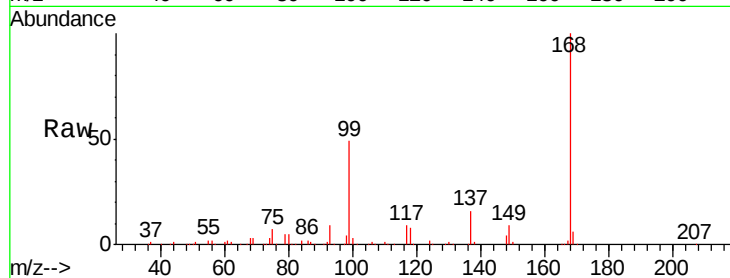
Tgt Ion: 56 Resp: 5390

Ion Ratio Lower Upper

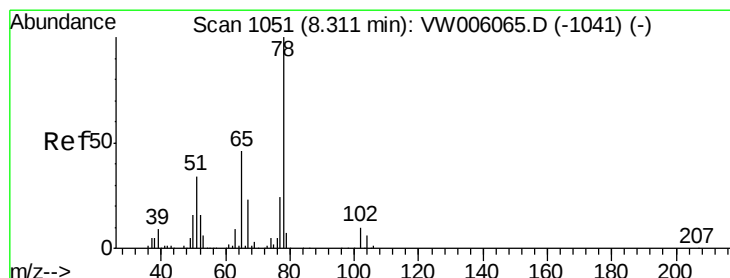
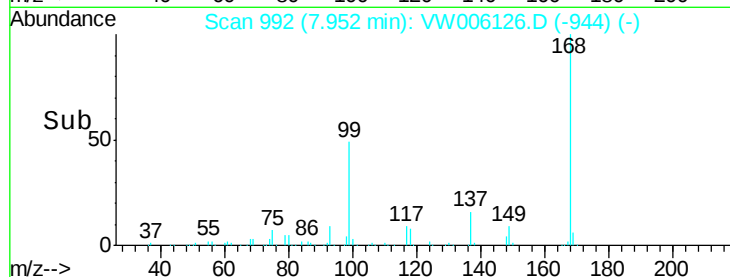
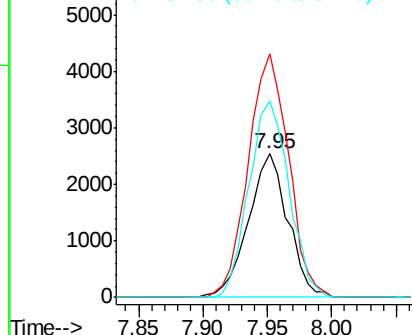
56 100

69 169.5 29.4 44.0#

84 136.6 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: 47.01 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006126.D

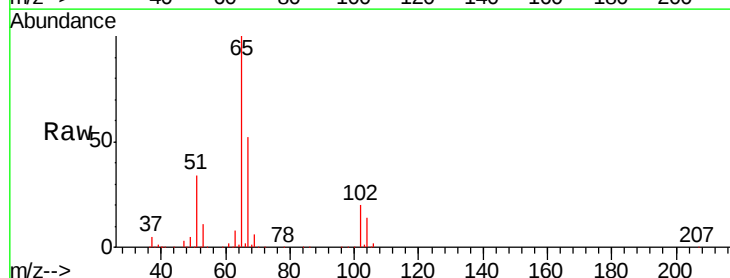
Acq: 17 Oct 2018 15:10

Tgt Ion: 65 Resp: 123379

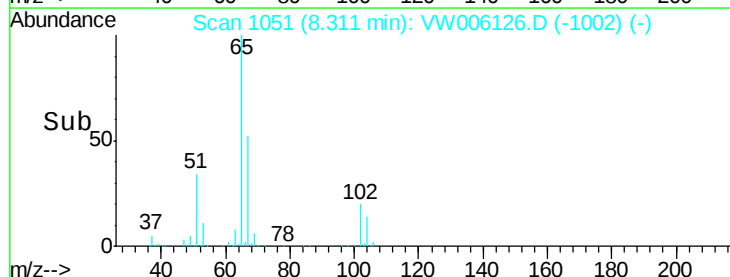
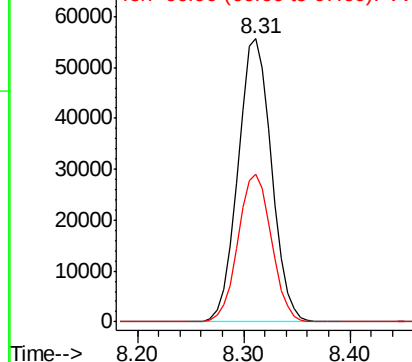
Ion Ratio Lower Upper

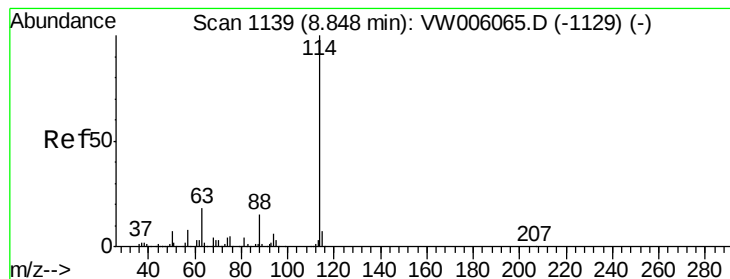
65 100

67 51.9 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: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006126.D

Acq: 17 Oct 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-1

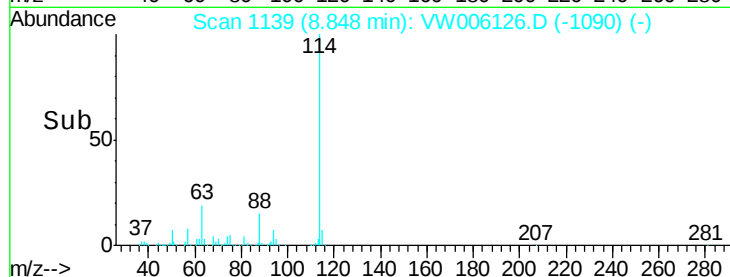
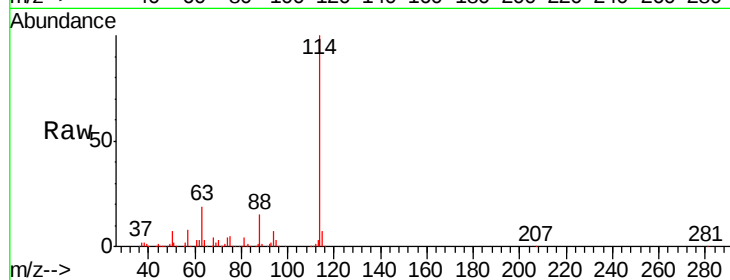
Tgt Ion:114 Resp: 449237

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

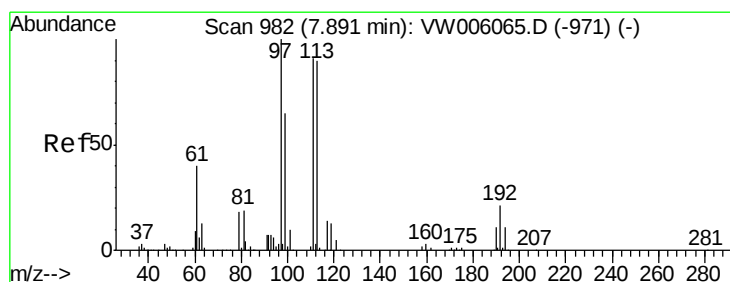
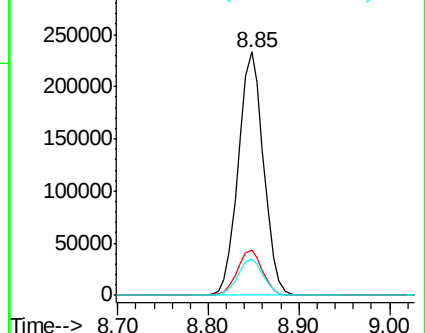
88 14.7 0.0 29.0



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: 46.18 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006126.D

Acq: 17 Oct 2018 15:10

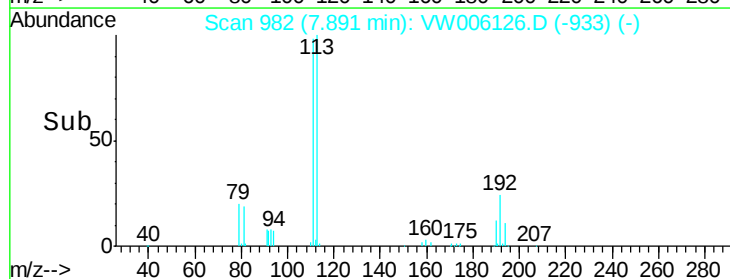
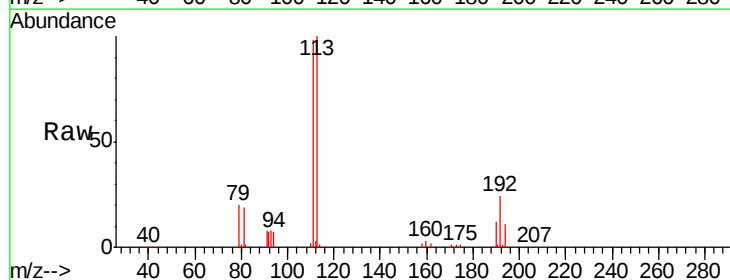
Tgt Ion:113 Resp: 122586

Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.0

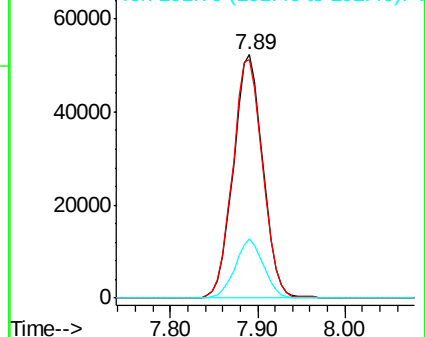
192 23.3 18.7 28.1

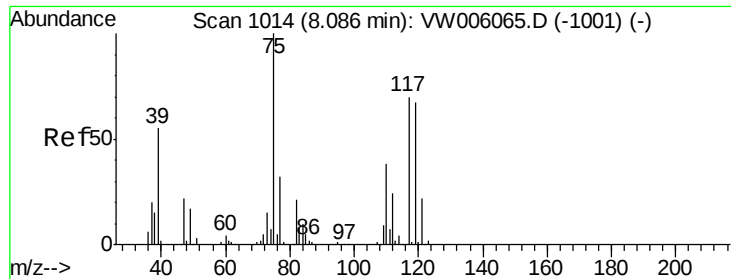


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

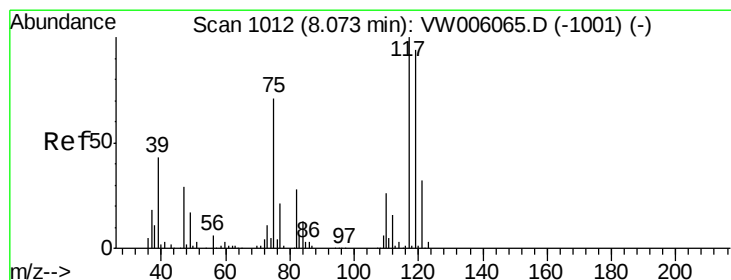
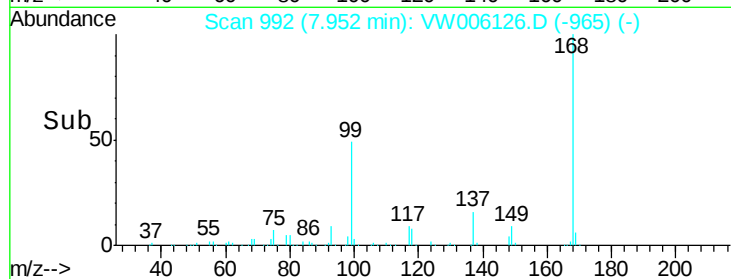
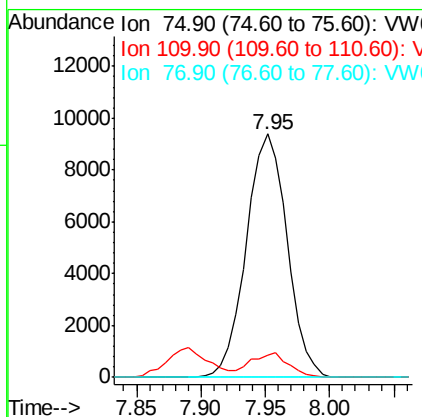
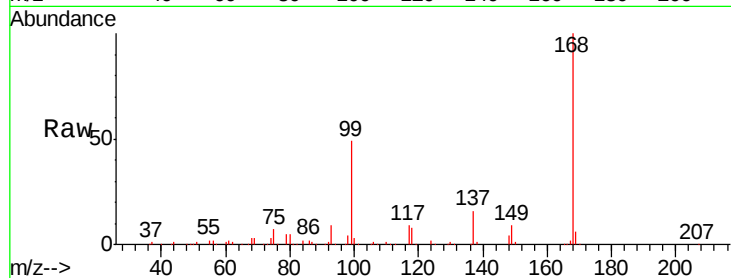




#36
 1,1-Dichloropropene
 Concen: 4.98 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006126.D
 Acq: 17 Oct 2018 15:10

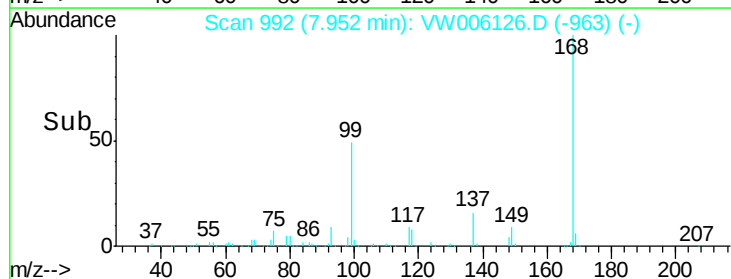
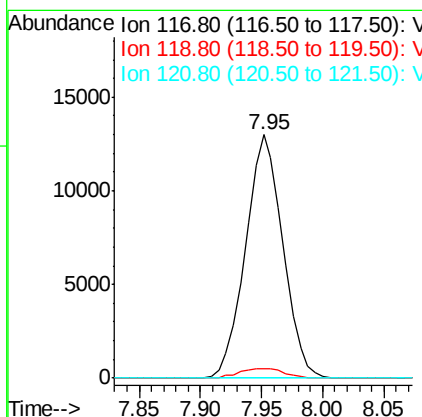
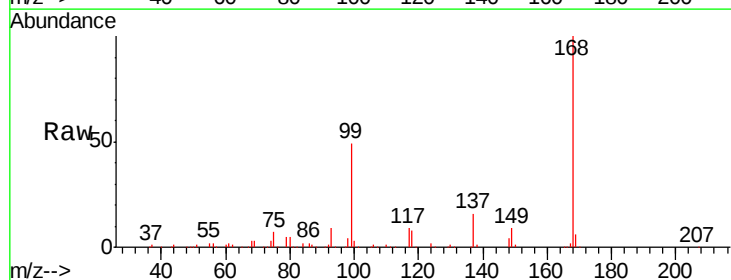
Instrument :
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 SUP-4A-G-101518-1

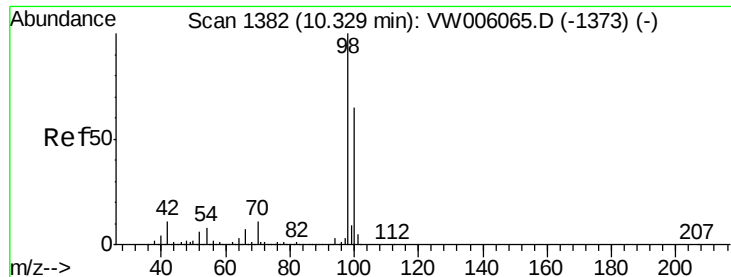
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.07 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006126.D
 Acq: 17 Oct 2018 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 44.56 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006126.D

Acq: 17 Oct 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

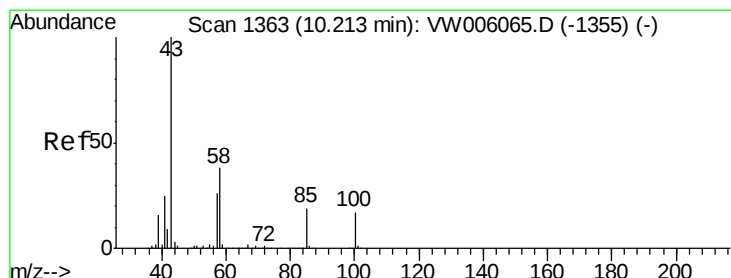
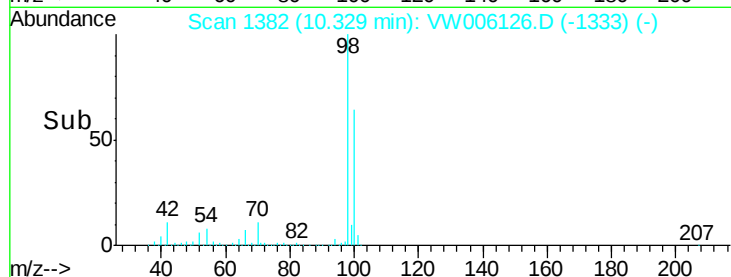
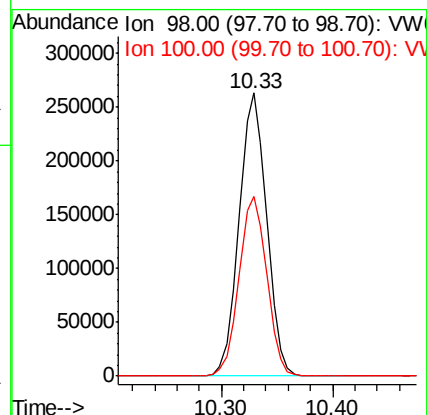
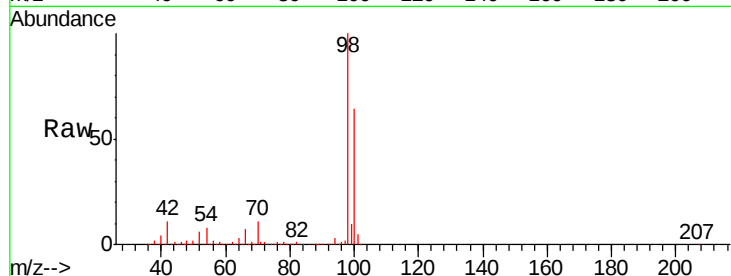
SUP-4A-G-101518-1

Tgt Ion: 98 Resp: 450065

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.19 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006126.D

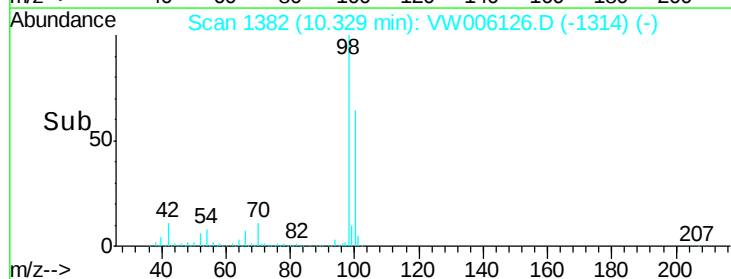
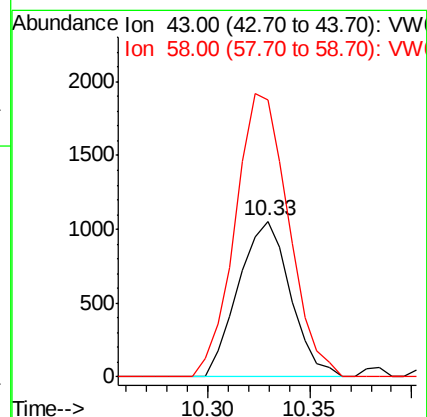
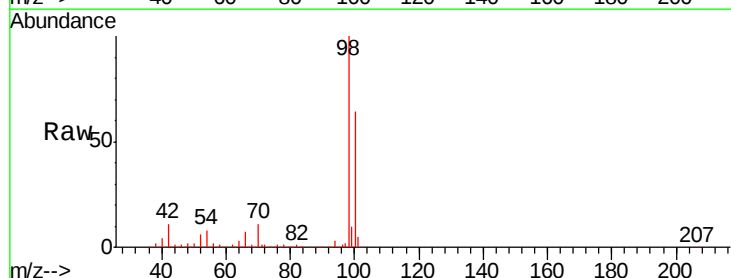
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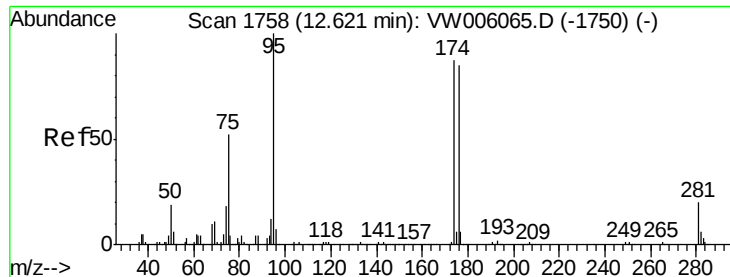
Tgt Ion: 43 Resp: 1868

Ion Ratio Lower Upper

43 100

58 186.2 31.5 47.3#

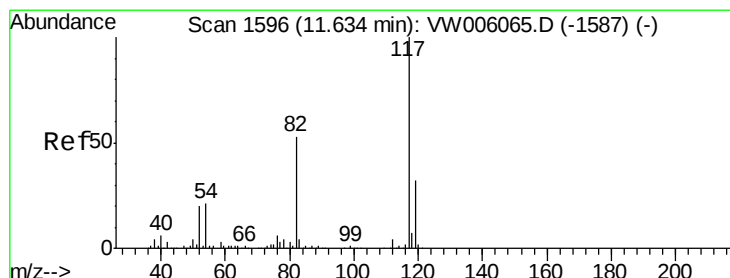
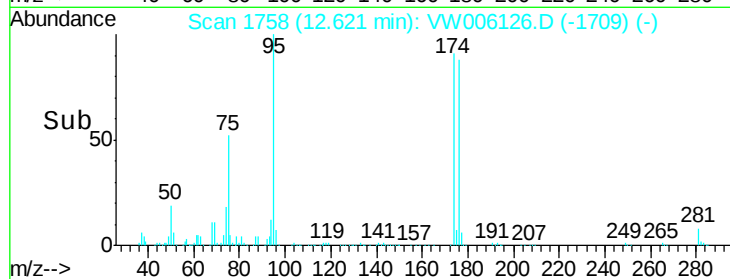
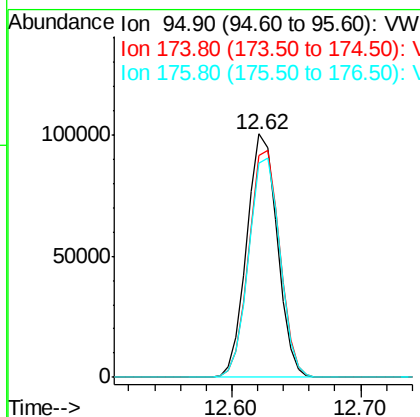
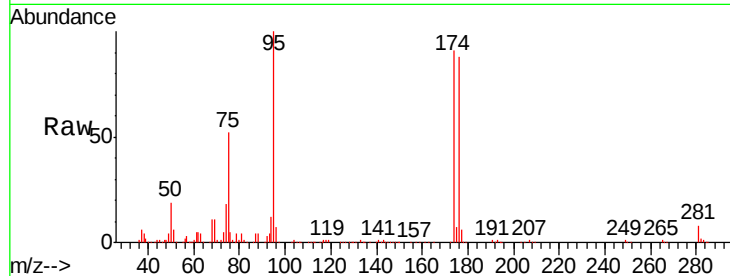




#62
4-Bromofluorobenzene
Concen: 43.34 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006126.D
Acq: 17 Oct 2018 15:10

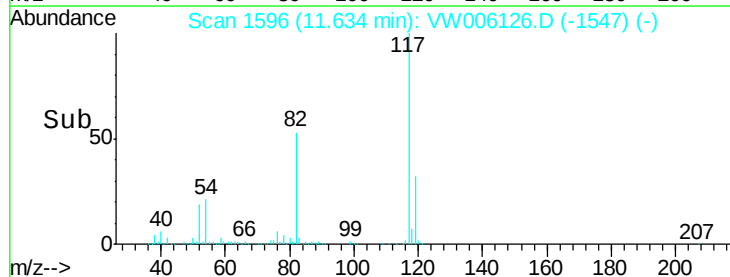
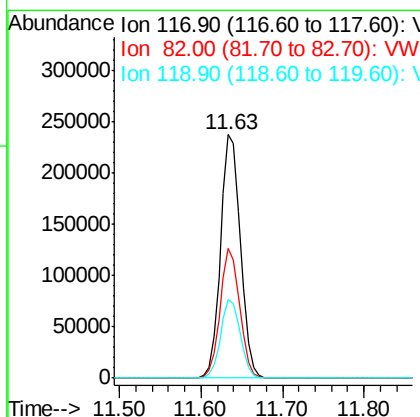
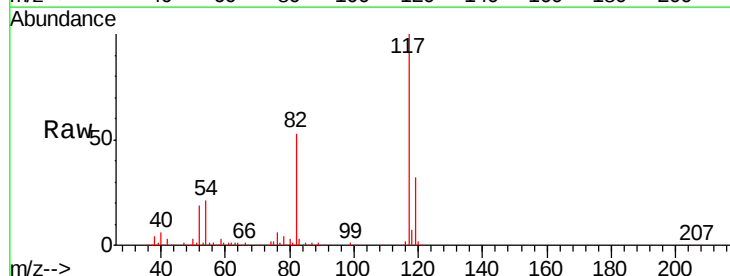
Instrument :
MSVOA_W
ClientSampleId :
SUP-4A-G-101518-1

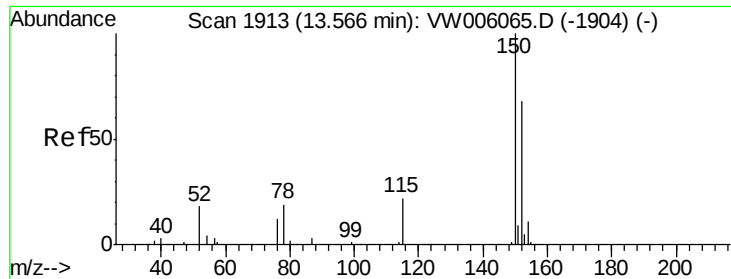
Tgt Ion: 95 Resp: 164403
Ion Ratio Lower Upper
95 100
174 94.1 0.0 186.0
176 91.9 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006126.D
Acq: 17 Oct 2018 15:10

Tgt Ion: 117 Resp: 401031
Ion Ratio Lower Upper
117 100
82 53.2 42.1 63.1
119 32.4 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: VW006126.D

Acq: 17 Oct 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-1

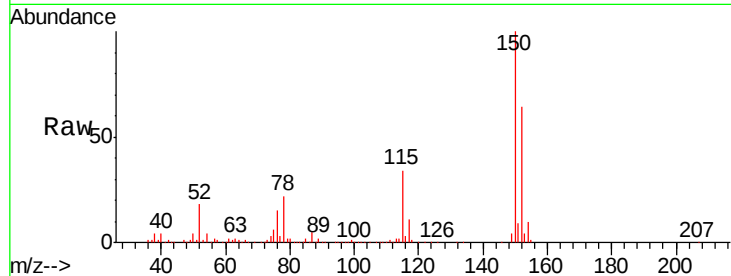
Tgt Ion: 152 Resp: 205877

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.3

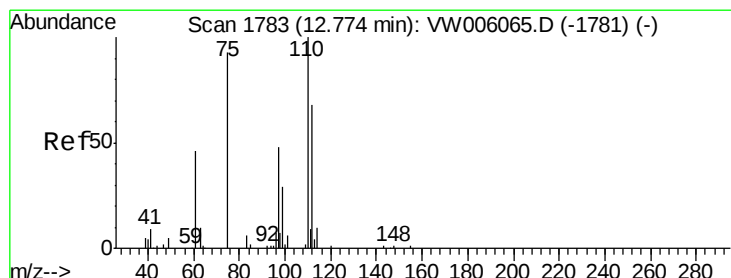
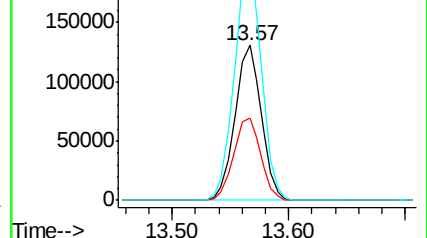
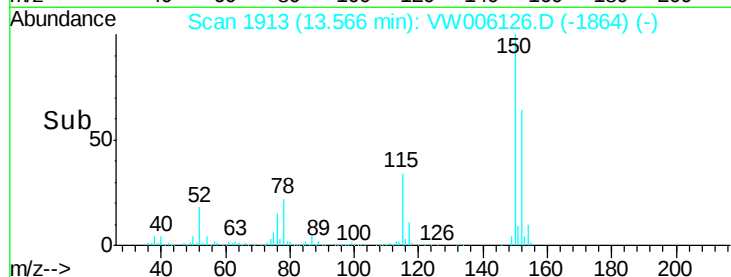
150 156.5 0.0 349.2



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: 54.24 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006126.D

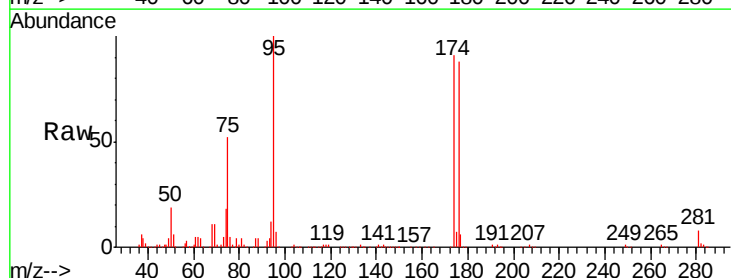
Acq: 17 Oct 2018 15:10

Tgt Ion: 75 Resp: 85293

Ion Ratio Lower Upper

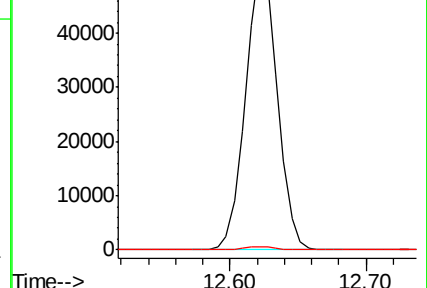
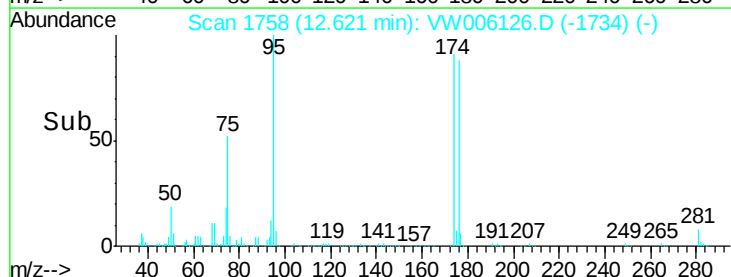
75 100

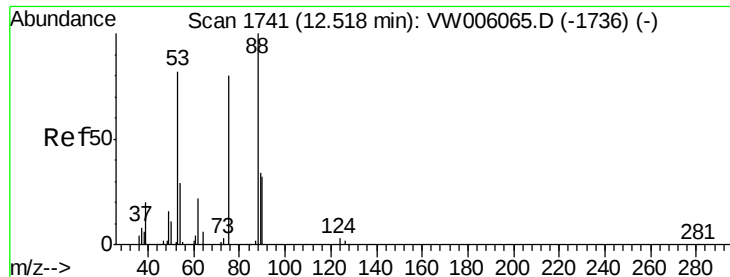
77 1.1 0.0 0.0#



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: 129.66 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006126.D

Acq: 17 Oct 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-1

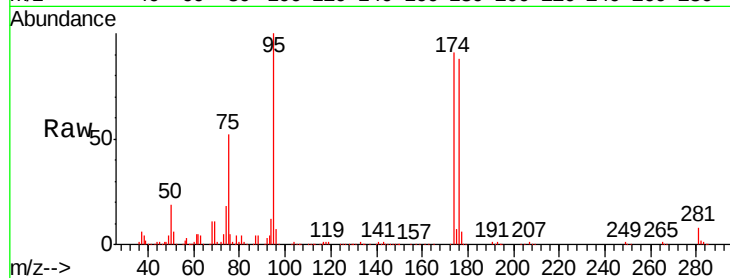
Tgt Ion: 75 Resp: 85293

Ion Ratio Lower Upper

75 100

53 0.0 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

