

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003499.D
 Acq On : 24 Jun 2018 09:40
 Operator : SY/AP
 Sample : J3669-03
 Misc : 6.52G/5ML/MSVOA_W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB484-19-21-180620

Quant Time: Jun 25 02:50:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	241145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	221727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	106350	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	94346	58.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.88%	
35) Dibromofluoromethane	7.88	113	77493	51.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.44%	
50) Toluene-d8	10.33	98	269425	45.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.70%	
62) 4-Bromofluorobenzene	12.63	95	94011	44.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.42%	

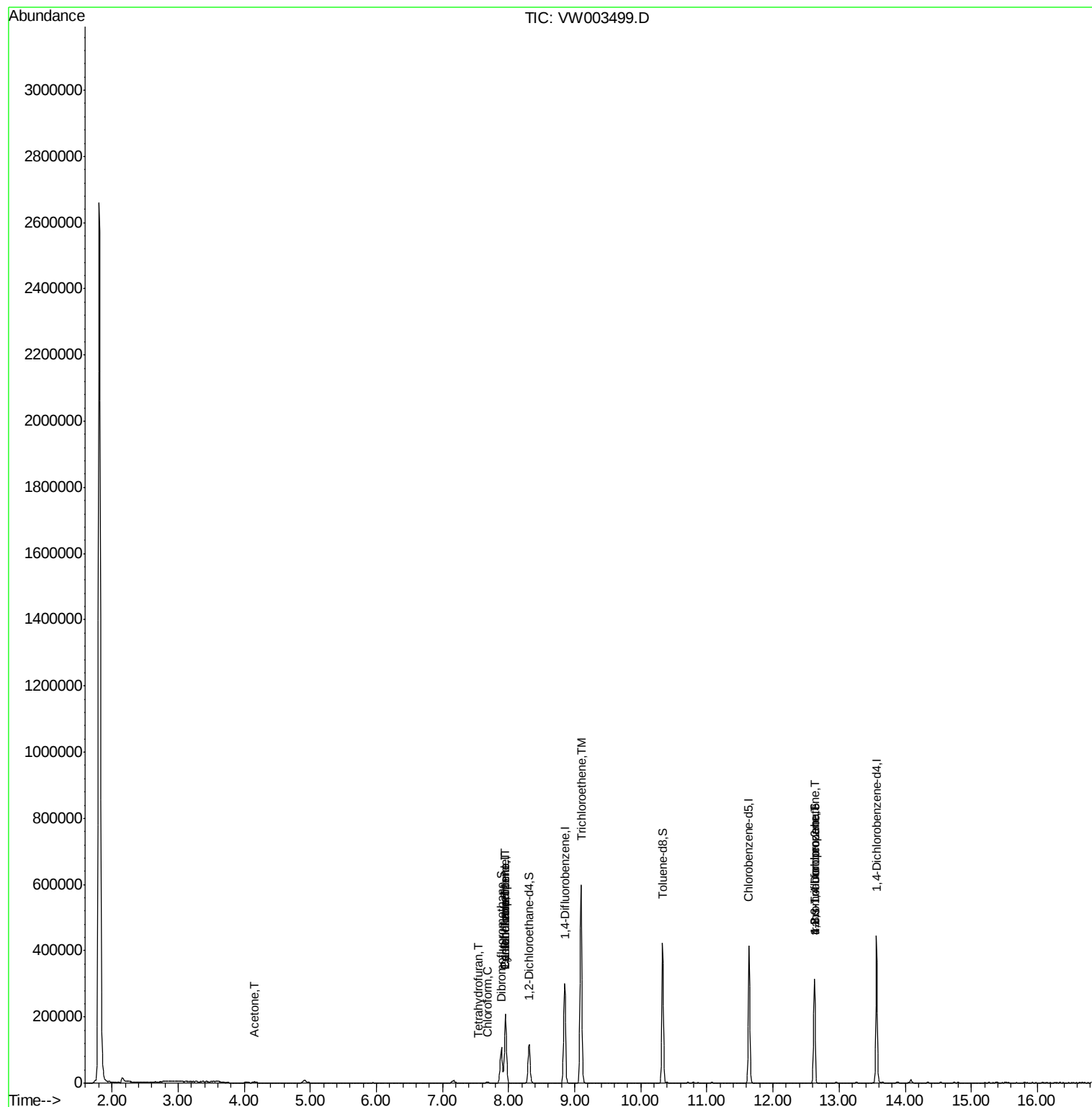
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	8044	23.961	ug/l	92
29) Tetrahydrofuran	7.54	42	302	1.184	ug/l #	70
30) Chloroform	7.68	83	3223	1.143	ug/l	93
31) Cyclohexane	7.95	56	3728	1.441	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	12032	5.167	ug/l #	49
38) Carbon Tetrachloride	7.95	117	15116	6.617	ug/l #	18
44) Trichloroethene	9.10	130	206342	121.309	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	51256	56.377	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	51256	129.726	ug/l #	9

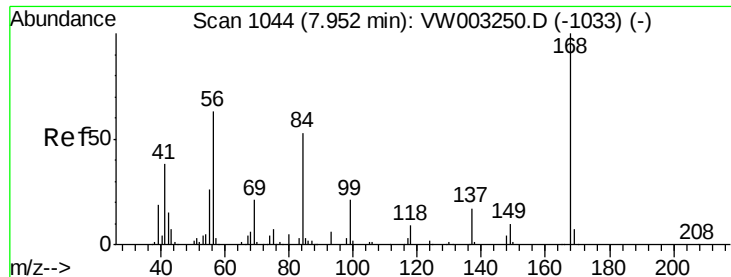
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
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QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003499.D

Acq: 24 Jun 2018 09:40

Instrument :

MSVOA_W

ClientSampleId :

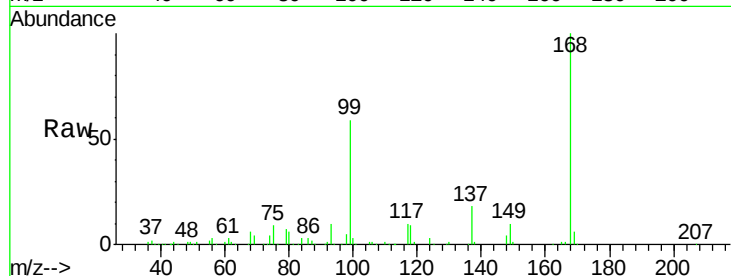
WP021SB484-19-21-180620

Tgt Ion:168 Resp: 147778

Ion Ratio Lower Upper

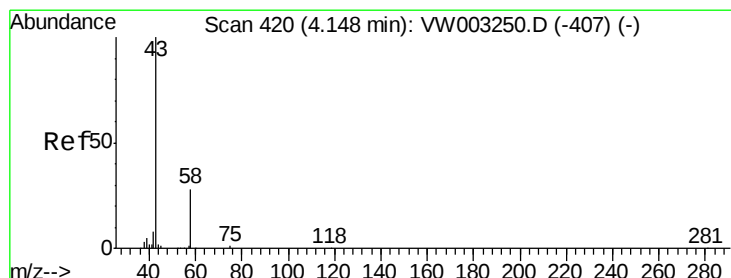
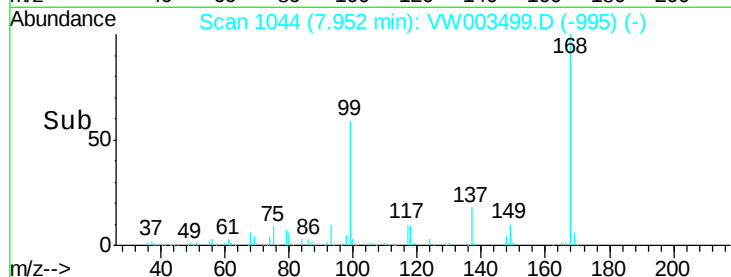
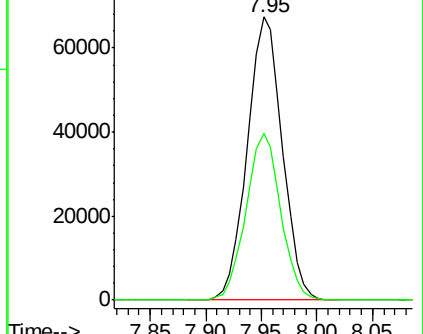
168 100

99 58.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 23.961 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003499.D

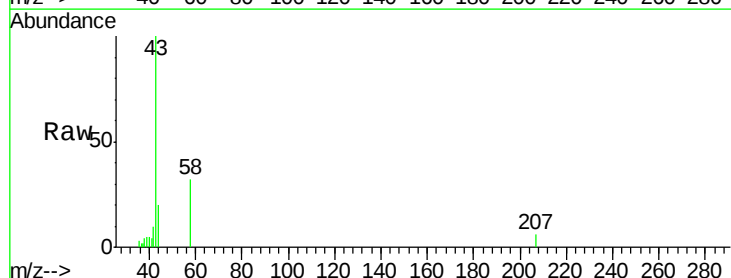
Acq: 24 Jun 2018 09:40

Tgt Ion: 43 Resp: 8044

Ion Ratio Lower Upper

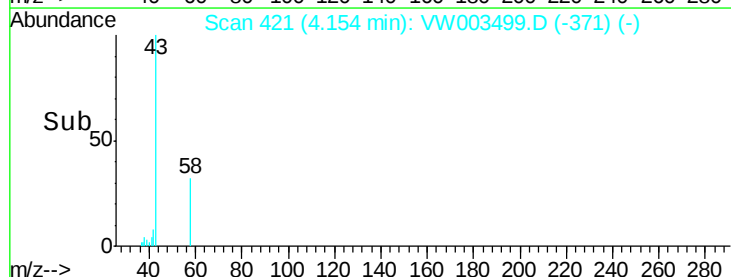
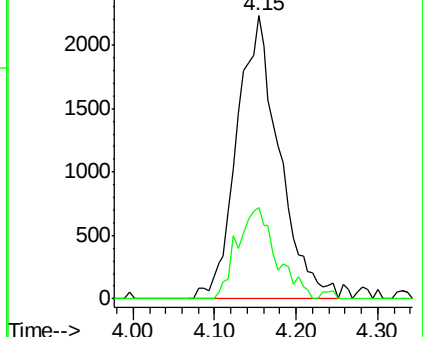
43 100

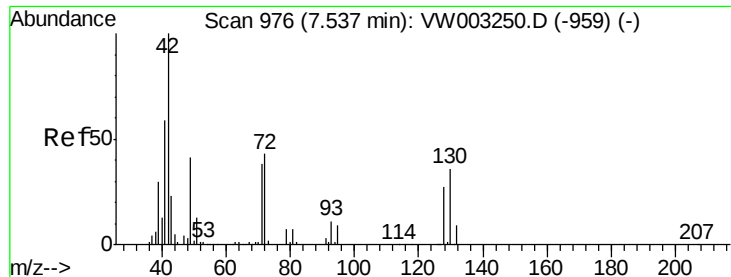
58 32.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

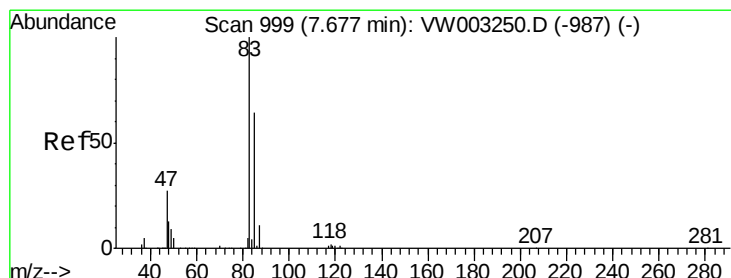
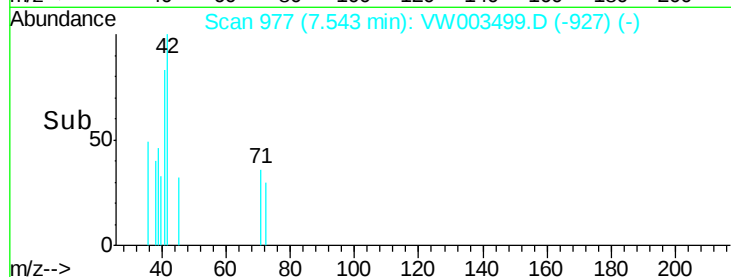
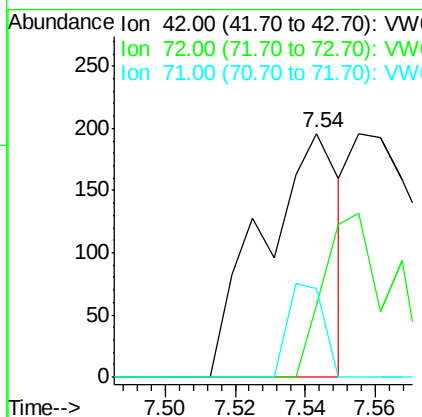
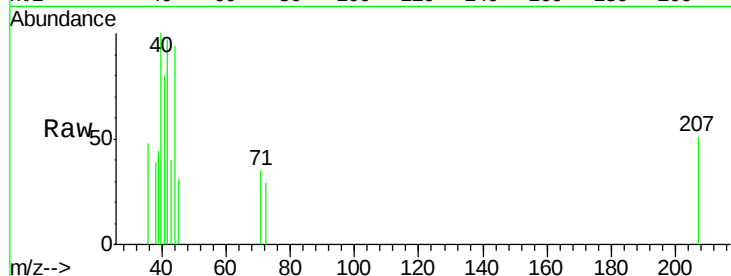




#29
Tetrahydrofuran
Concen: 1.184 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003499.D
Acq: 24 Jun 2018 09:40

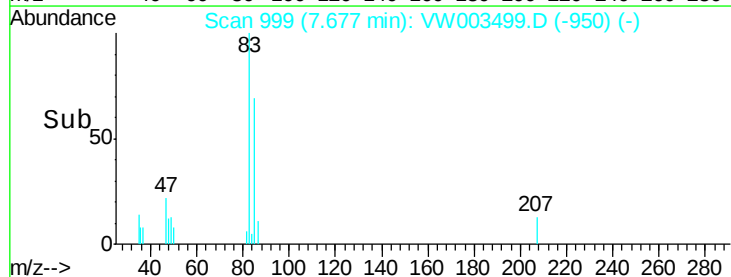
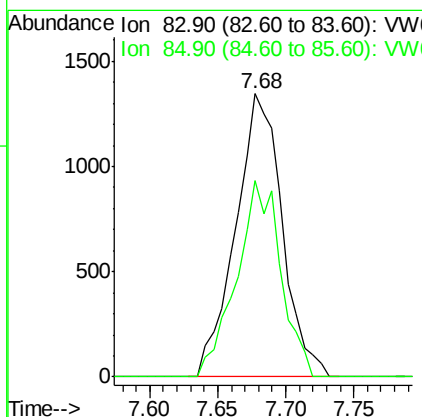
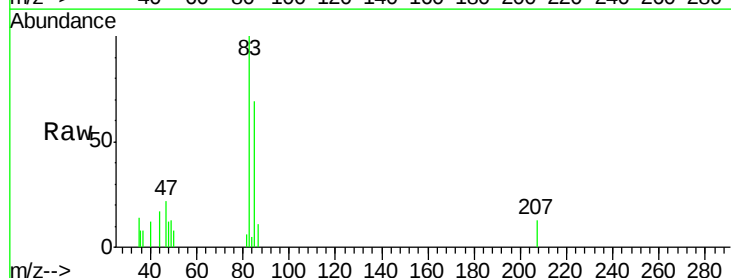
Instrument :
MSVOA_W
ClientSampleId :
WP021SB484-19-21-180620

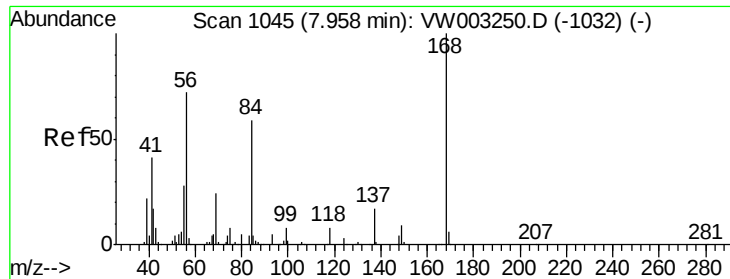
Tgt Ion: 42 Resp: 302
Ion Ratio Lower Upper
42 100
72 55.6 32.4 48.6#
71 17.5 31.2 46.8#



#30
Chloroform
Concen: 1.143 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003499.D
Acq: 24 Jun 2018 09:40

Tgt Ion: 83 Resp: 3223
Ion Ratio Lower Upper
83 100
85 69.4 51.3 76.9





#31

Cyclohexane

Concen: 1.441 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003499.D

Acq: 24 Jun 2018 09:40

Instrument :

MSVOA_W

ClientSampleId :

WP021SB484-19-21-180620

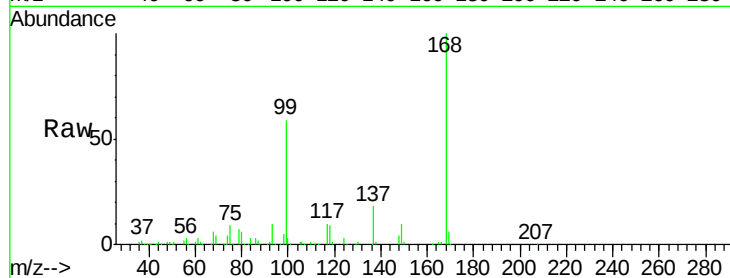
Tgt Ion: 56 Resp: 3728

Ion Ratio Lower Upper

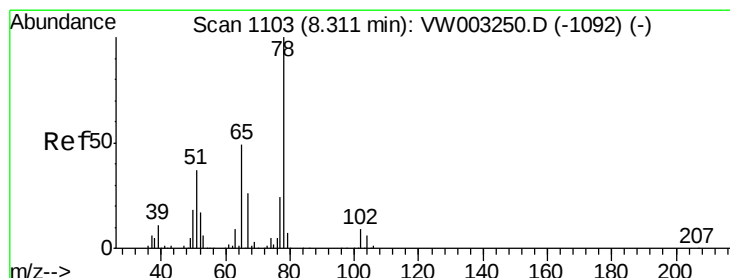
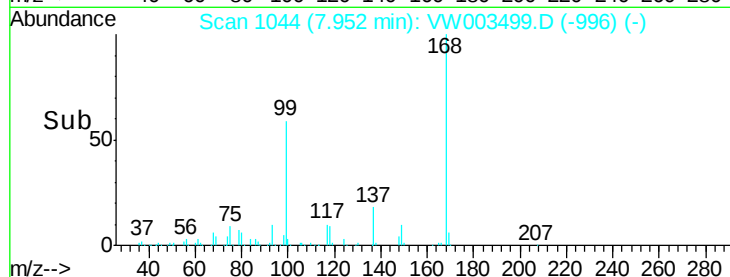
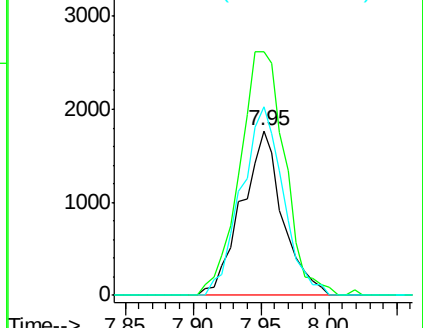
56 100

69 148.1 26.3 39.5#

84 115.1 65.7 98.5#



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: 58.942 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003499.D

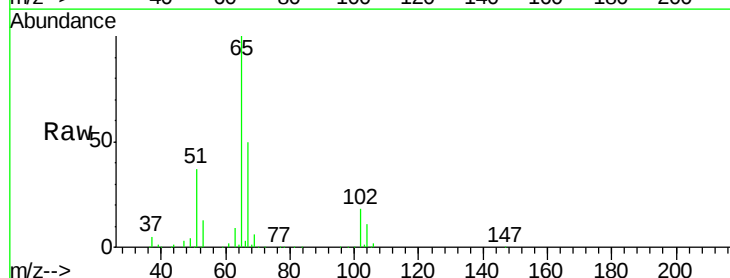
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Tgt Ion: 65 Resp: 94346

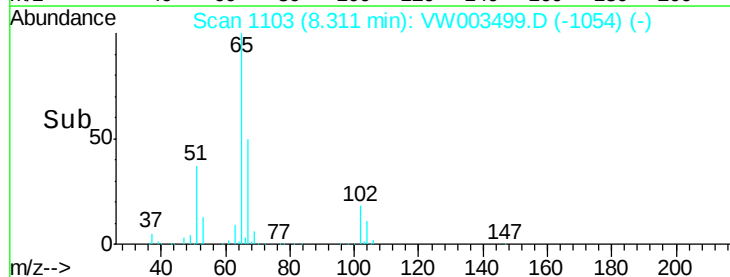
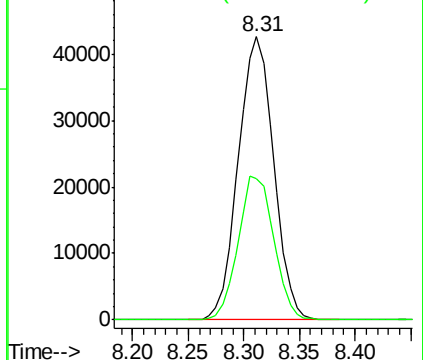
Ion Ratio Lower Upper

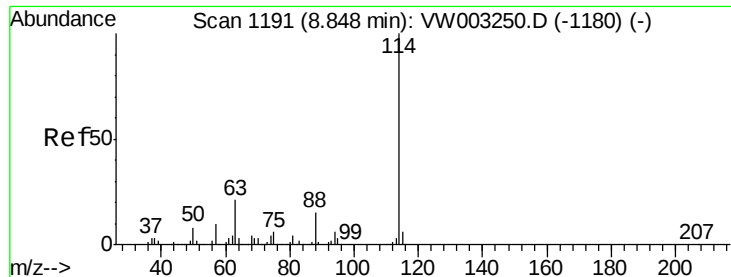
65 100

67 51.3 0.0 104.2



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

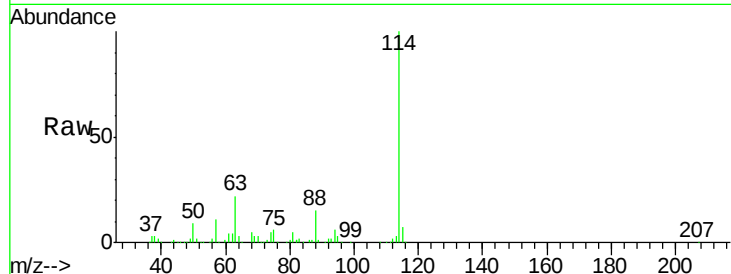




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003499.D
 Acq: 24 Jun 2018 09:40

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB484-19-21-180620

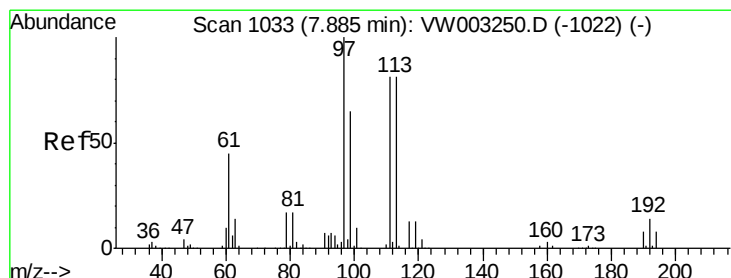
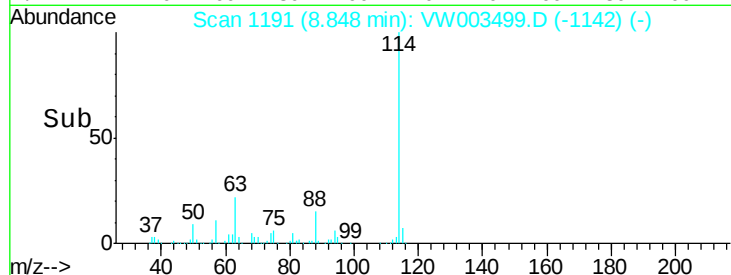
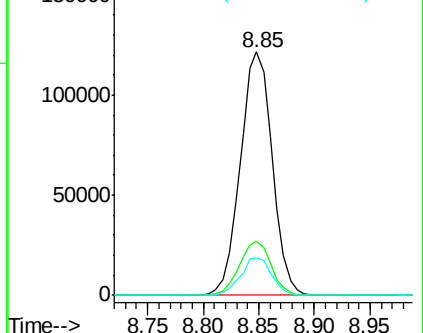
Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.0
88	15.4	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

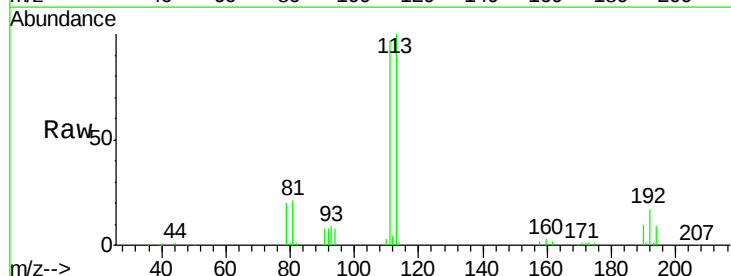
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 51.717 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003499.D
 Acq: 24 Jun 2018 09:40

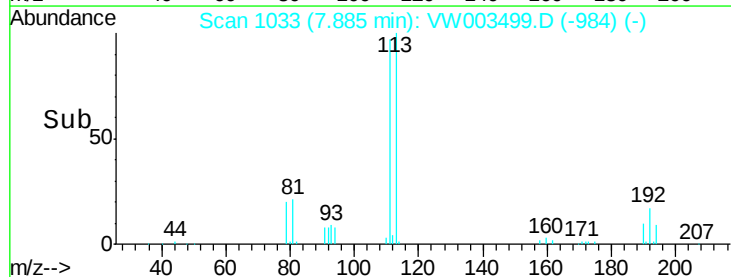
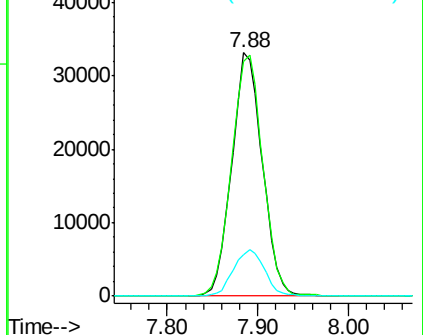
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.2
192	19.3	16.2	24.2

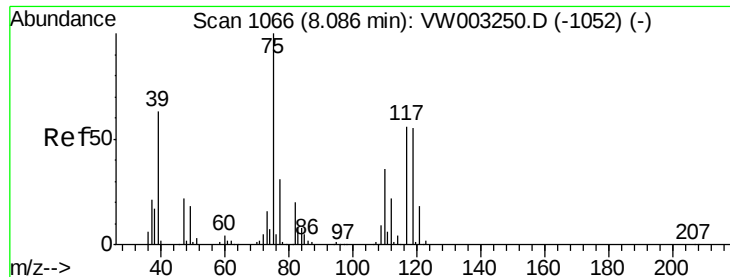


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

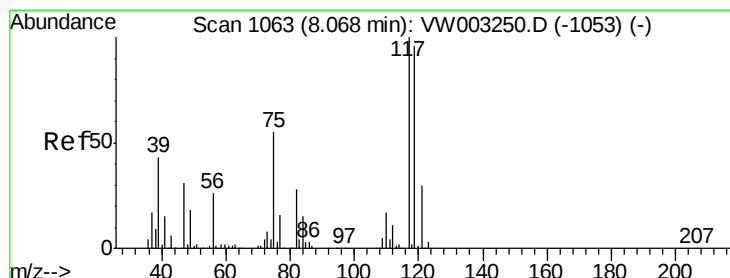
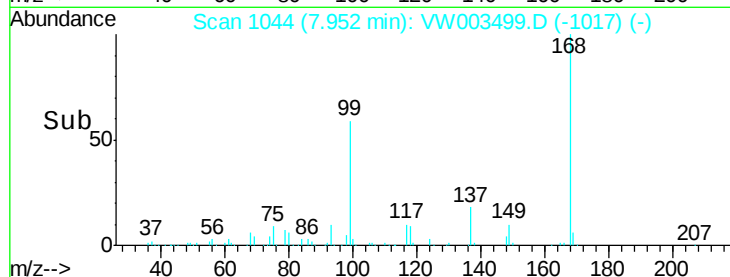
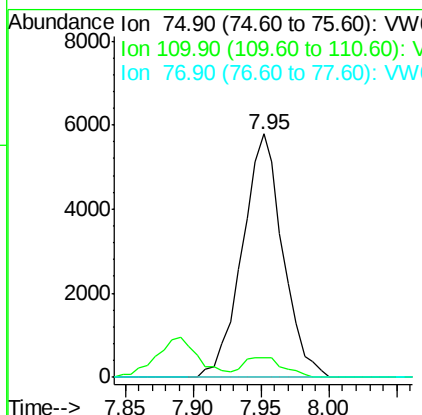
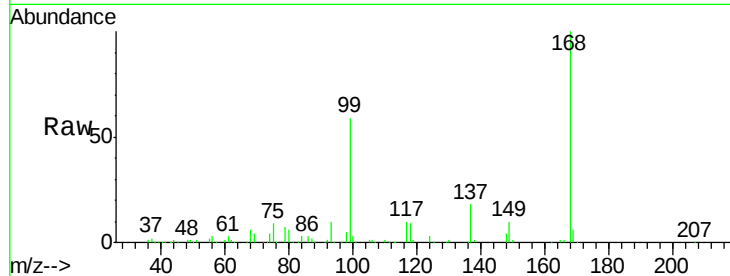




#36
 1,1-Dichloropropene
 Concen: 5.167 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003499.D
 Acq: 24 Jun 2018 09:40

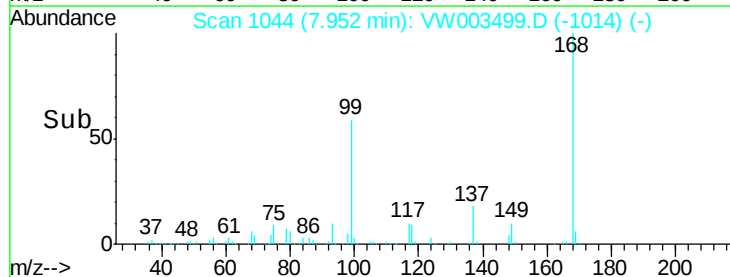
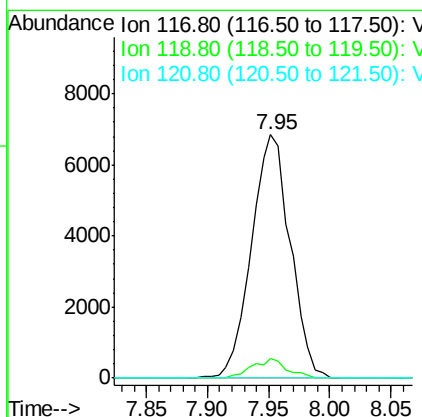
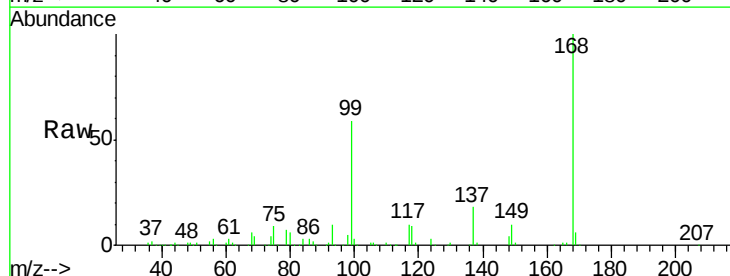
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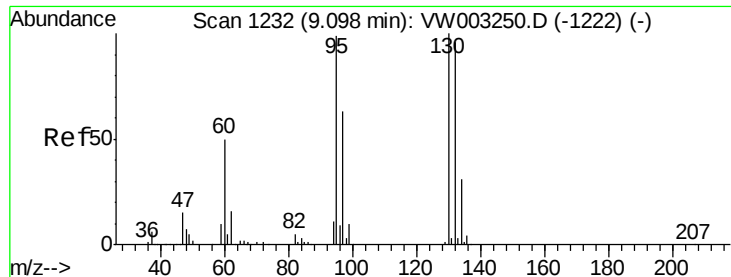
Tgt Ion: 75 Resp: 12032
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.617 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003499.D
 Acq: 24 Jun 2018 09:40

Tgt Ion: 117 Resp: 15116
 Ion Ratio Lower Upper
 117 100
 119 7.9 76.6 115.0#
 121 0.0 23.9 35.9#

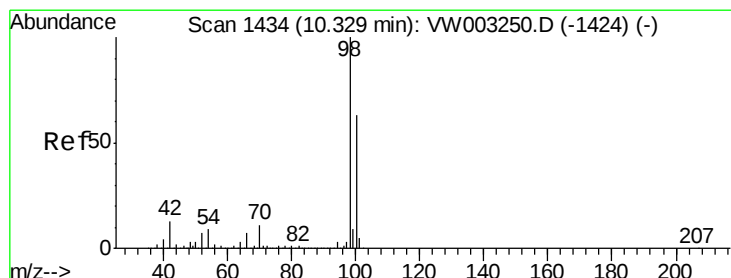
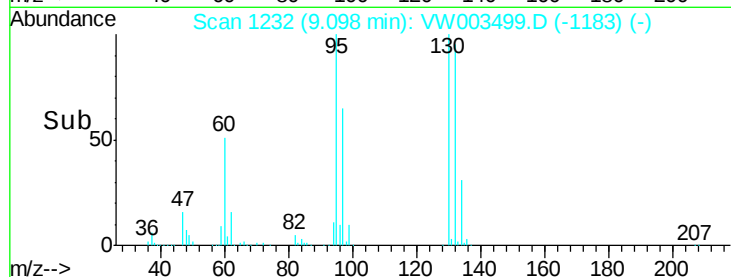
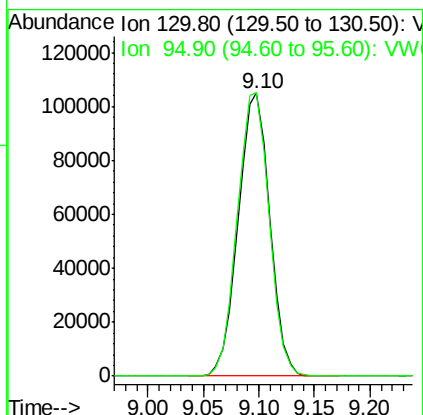
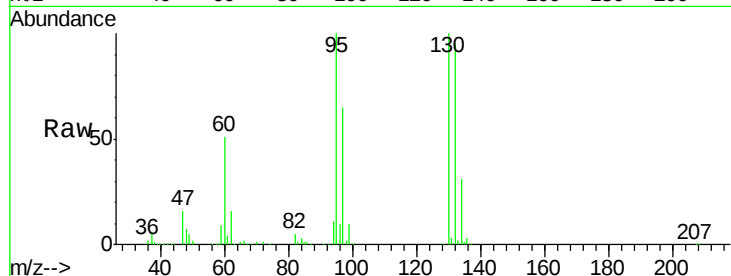




#44
 Trichloroethene
 Concen: 121.309 ug/l
 RT: 9.10 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VW003499.D
 Acq: 24 Jun 2018 09:40

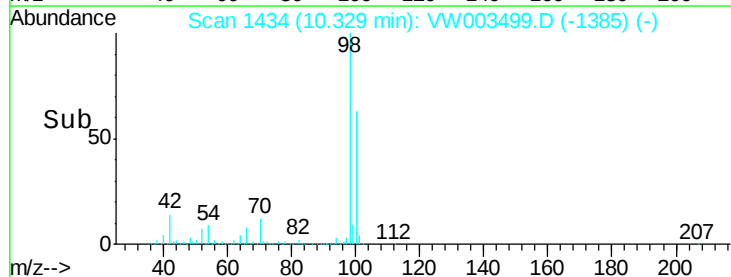
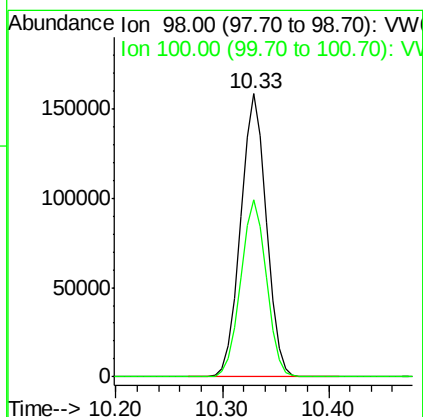
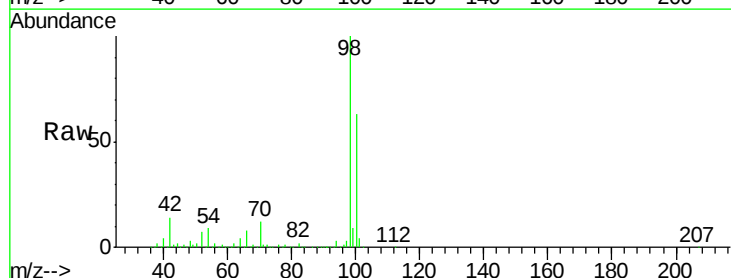
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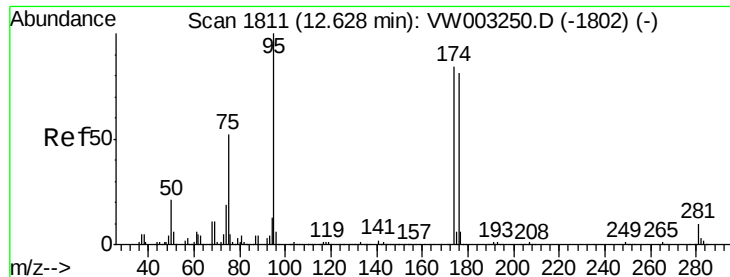
Tgt Ion:130 Resp: 206342
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 198.0



#50
 Toluene-d8
 Concen: 45.346 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003499.D
 Acq: 24 Jun 2018 09:40

Tgt Ion: 98 Resp: 269425
 Ion Ratio Lower Upper
 98 100
 100 62.4 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 44.711 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003499.D

Acq: 24 Jun 2018 09:40

Instrument :

MSVOA_W

ClientSampleId :

WP021SB484-19-21-180620

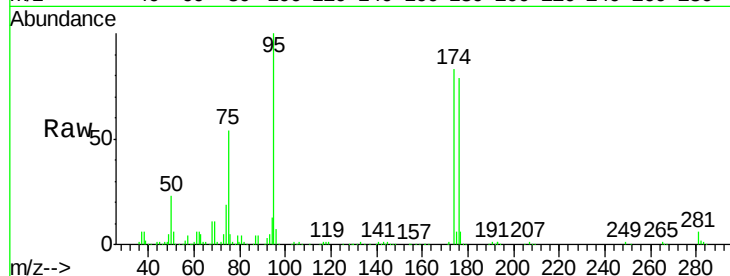
Tgt Ion: 95 Resp: 94011

Ion Ratio Lower Upper

95 100

174 82.0 0.0 166.4

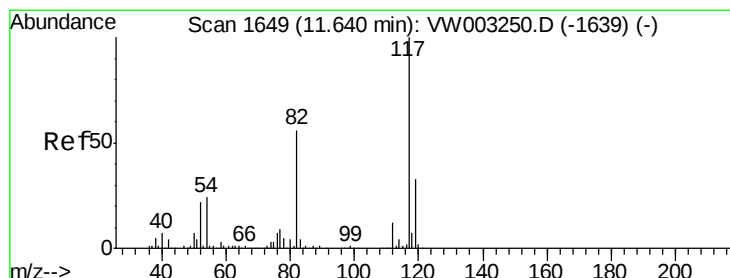
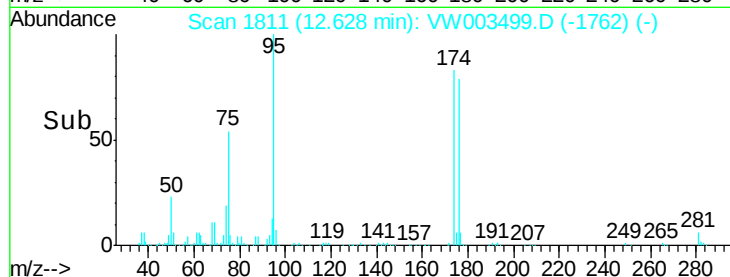
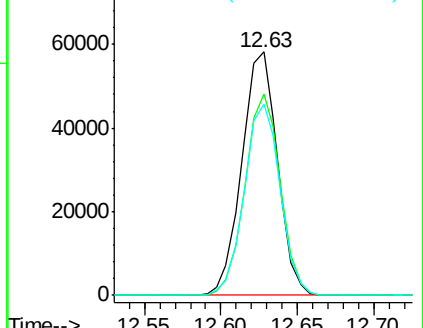
176 78.9 0.0 162.0



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: 50.000 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VW003499.D

Acq: 24 Jun 2018 09:40

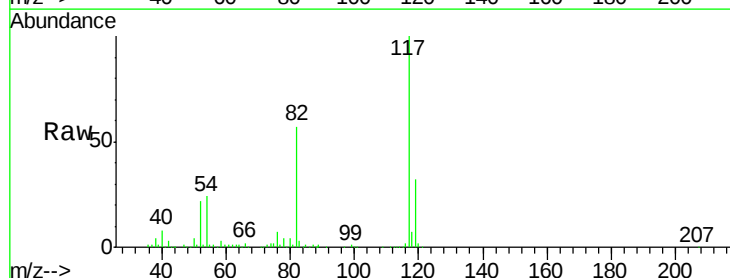
Tgt Ion: 117 Resp: 221727

Ion Ratio Lower Upper

117 100

82 56.6 44.6 67.0

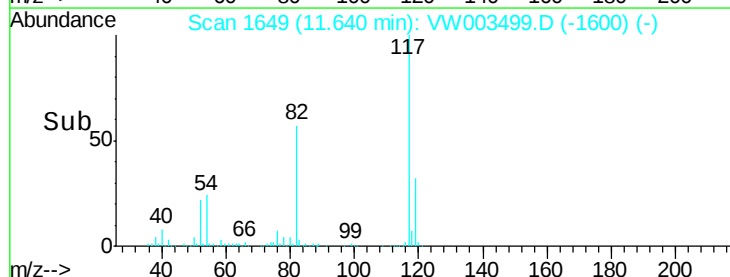
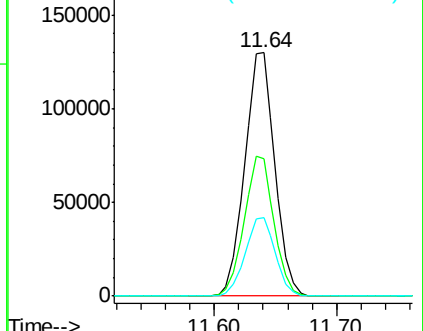
119 32.5 26.7 40.1

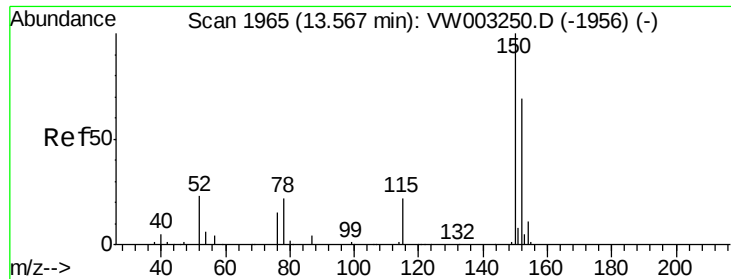


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003499.D

Acq: 24 Jun 2018 09:40

Instrument :

MSVOA_W

ClientSampleId :

WP021SB484-19-21-180620

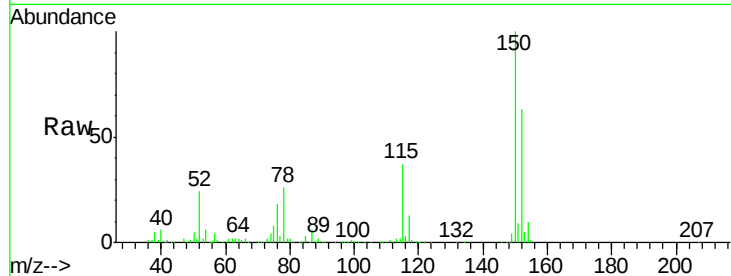
Tgt Ion:152 Resp: 106350

Ion Ratio Lower Upper

152 100

115 58.5 29.3 88.0

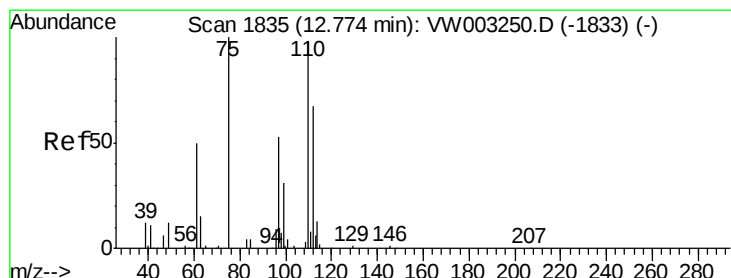
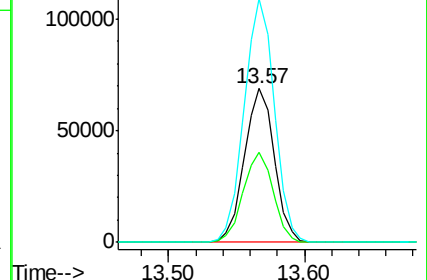
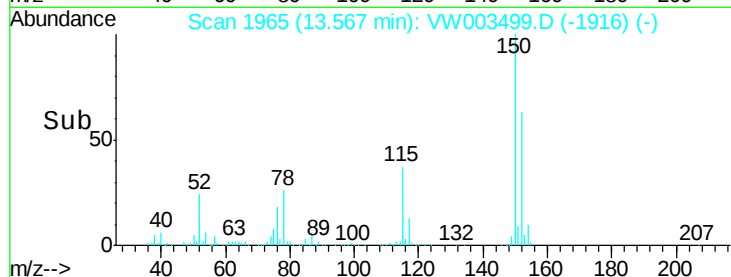
150 159.3 0.0 349.6



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: 56.377 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003499.D

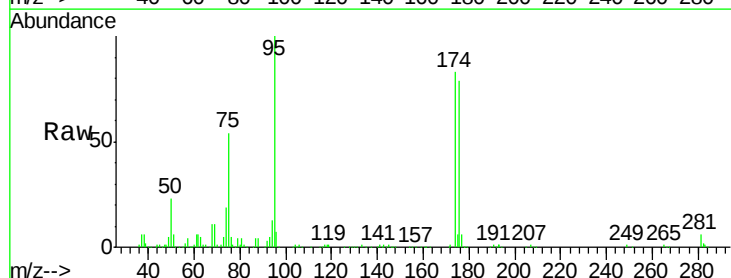
Acq: 24 Jun 2018 09:40

Tgt Ion: 75 Resp: 51256

Ion Ratio Lower Upper

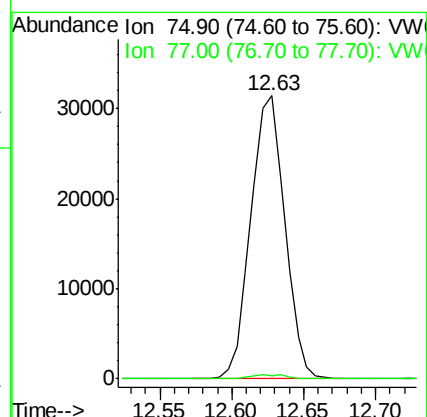
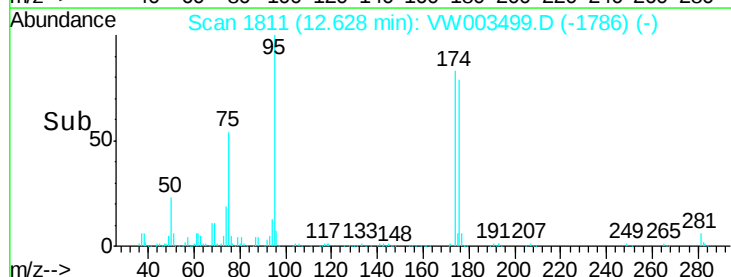
75 100

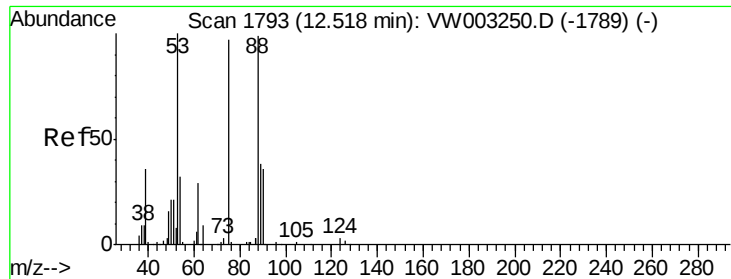
77 1.4 0.0 0.0#



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: 129.726 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.11 min
 Lab File: VW003499.D
 Acq: 24 Jun 2018 09:40

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB484-19-21-180620

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	82.9	124.3#
89	0.1	36.7	55.1#

