

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003497.D
 Acq On : 24 Jun 2018 08:48
 Operator : SY/AP
 Sample : J3669-01
 Misc : 6.52G/5ML/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB484-15-17-180620

Quant Time: Jun 25 02:49:59 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	154031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	246480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	226121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	110318	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	98215	58.87	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.89	113	81356	53.12	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.33	98	285535	47.02	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.62	95	100487	46.76	ug/l	0.00
Spiked Amount						

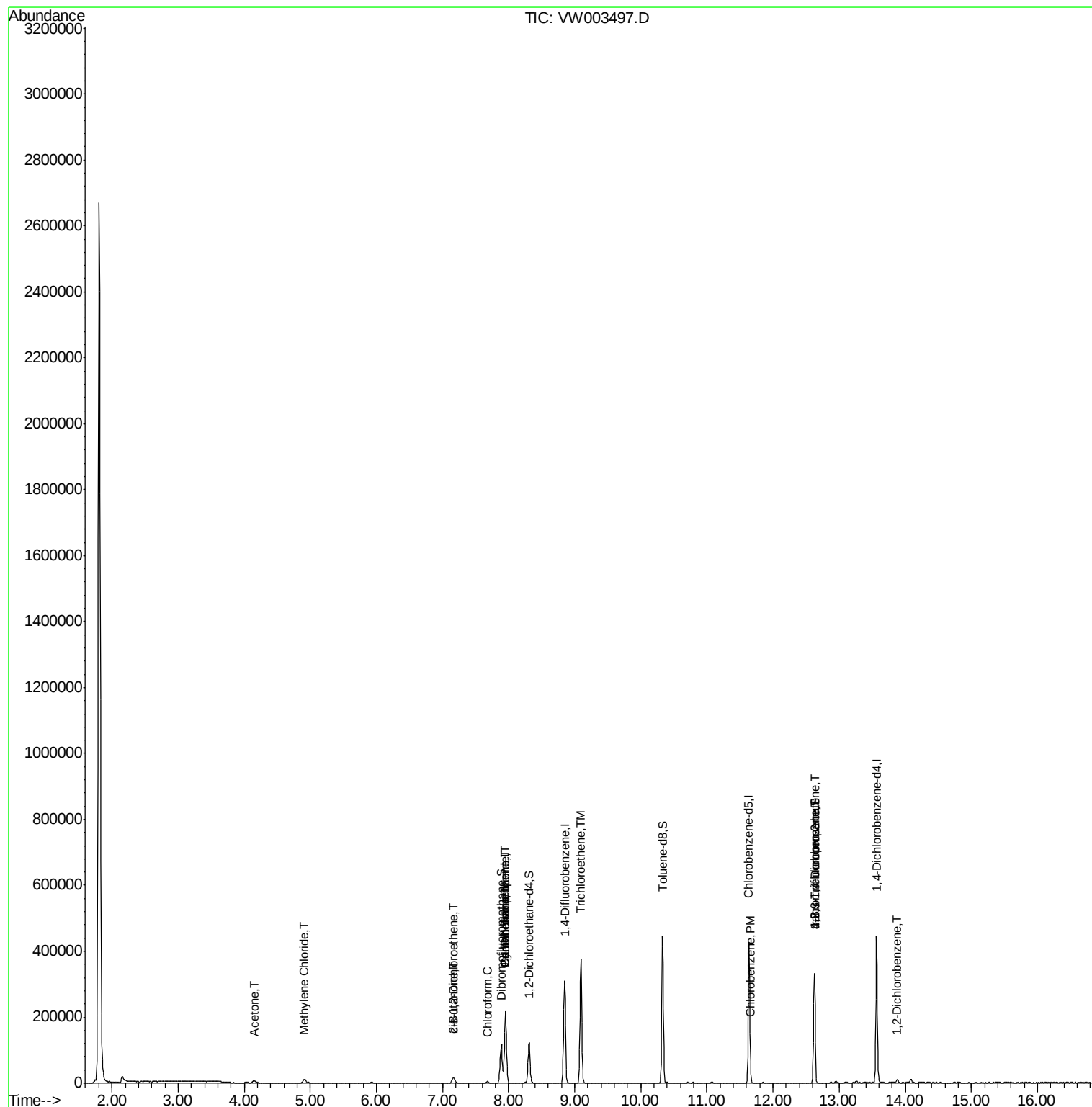
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	14681	41.956	ug/l	96
20) Methylene Chloride	4.91	84	8778	2.412	ug/l	86
25) 2-Butanone	7.18	43	1749	4.020	ug/l #	83
27) cis-1,2-Dichloroethene	7.17	96	2175	1.305	ug/l	87
30) Chloroform	7.68	83	3686	1.254	ug/l	89
31) Cyclohexane	7.95	56	4006	1.486	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	12883	5.412	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15841	6.784	ug/l #	21
44) Trichloroethene	9.09	130	129467	74.466	ug/l	100
65) Chlorobenzene	11.66	112	5178	1.100	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	54917	58.231	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54917	133.992	ug/l #	9
91) 1,2-Dichlorobenzene	13.88	146	3320	1.032	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003497.D

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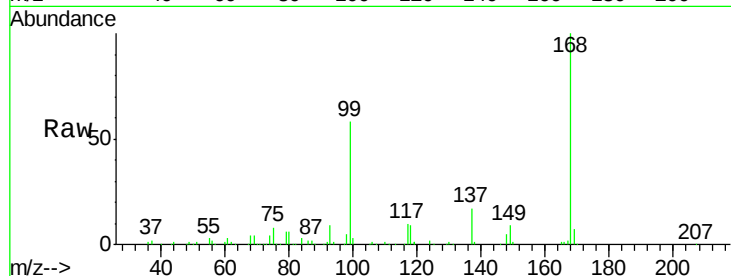
WP021SB484-15-17-180620

Tgt Ion:168 Resp: 154031

Ion Ratio Lower Upper

168 100

99 58.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

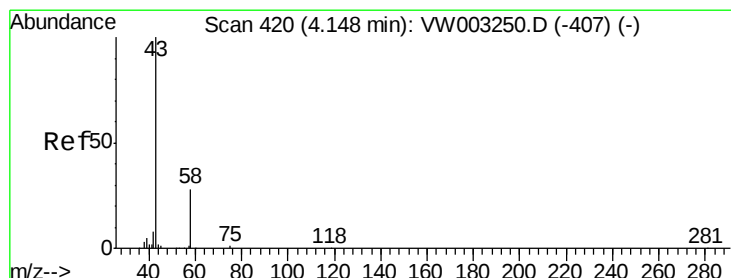
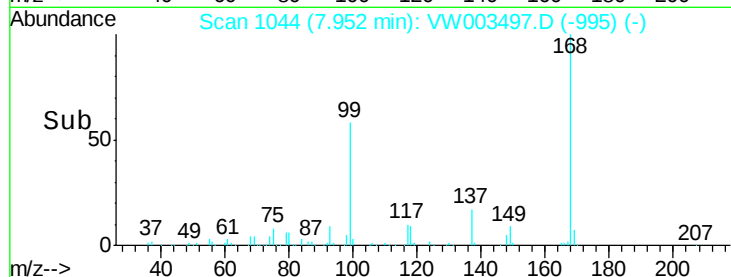
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 41.956 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003497.D

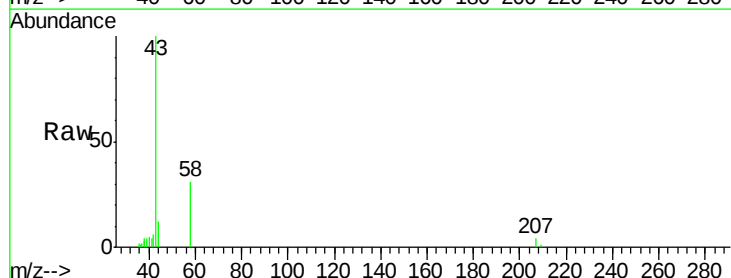
Acq: 24 Jun 2018 08:48

Tgt Ion: 43 Resp: 14681

Ion Ratio Lower Upper

43 100

58 30.5 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

5000

4000

3000

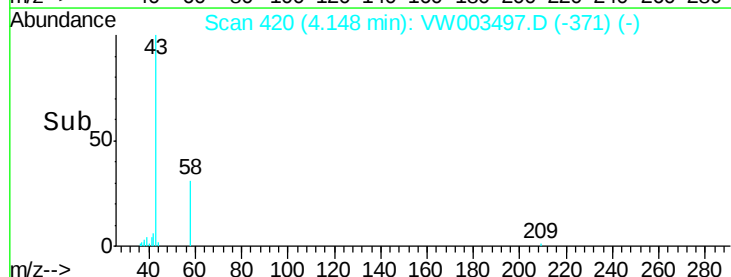
2000

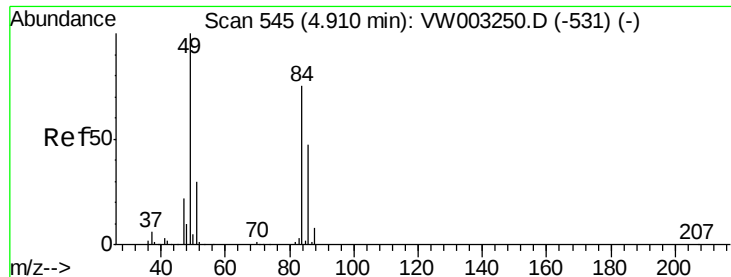
1000

0

4.00 4.10 4.20 4.30

Time-->

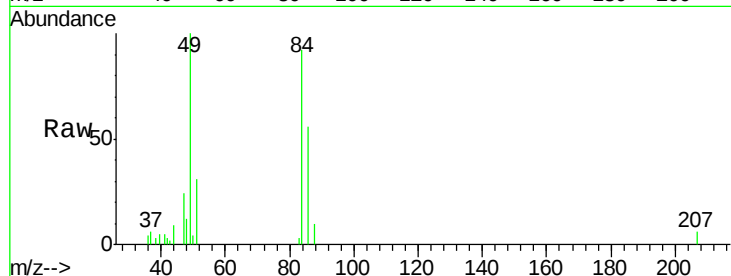




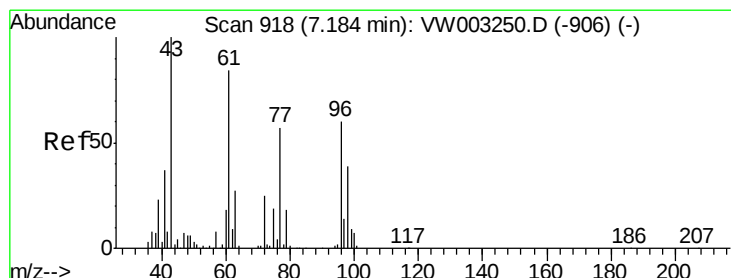
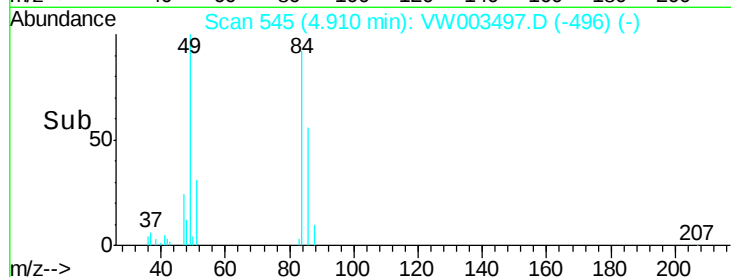
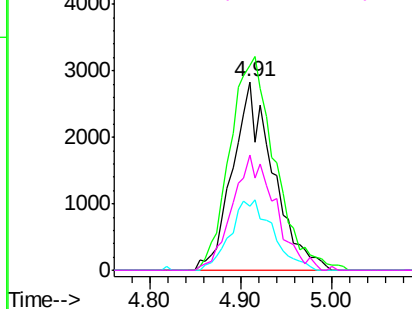
#20
Methylene Chloride
Concen: 2.412 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003497.D
Acq: 24 Jun 2018 08:48

Instrument :
MSVOA_W
ClientSampleId :
WP021SB484-15-17-180620

Tgt Ion: 84 Resp: 8778
Ion Ratio Lower Upper
84 100
49 108.8 106.3 159.5
51 33.8 32.0 48.0
86 61.5 49.9 74.9

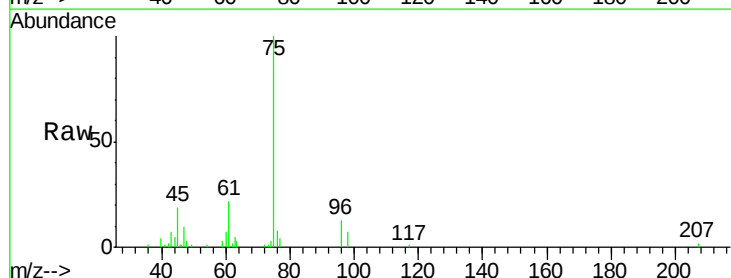


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

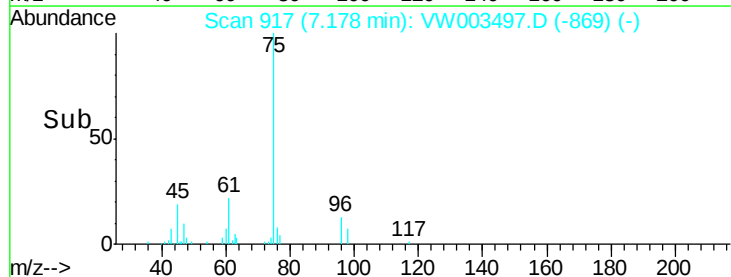
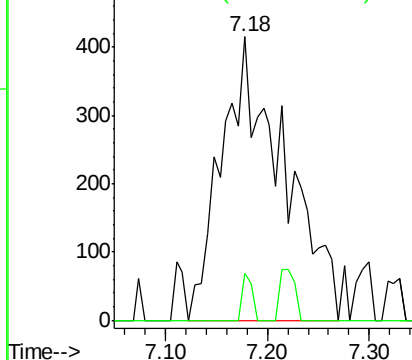


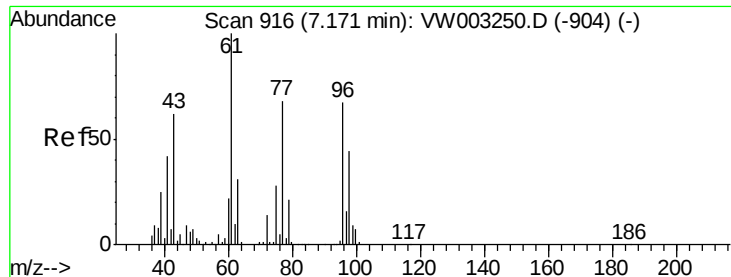
#25
2-Butanone
Concen: 4.020 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003497.D
Acq: 24 Jun 2018 08:48

Tgt Ion: 43 Resp: 1749
Ion Ratio Lower Upper
43 100
72 16.6 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#27

cis-1,2-Dichloroethene

Concen: 1.305 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003497.D

Acq: 24 Jun 2018 08:48

Instrument :

MSVOA_W

ClientSampleId :

WP021SB484-15-17-180620

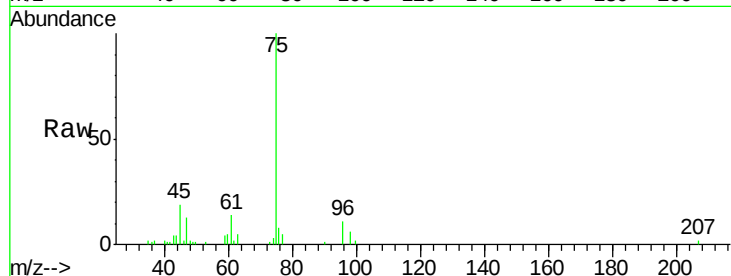
Tgt Ion: 96 Resp: 2175

Ion Ratio Lower Upper

96 100

61 171.8 0.0 298.8

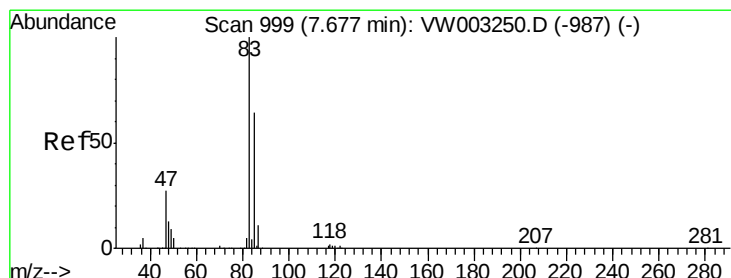
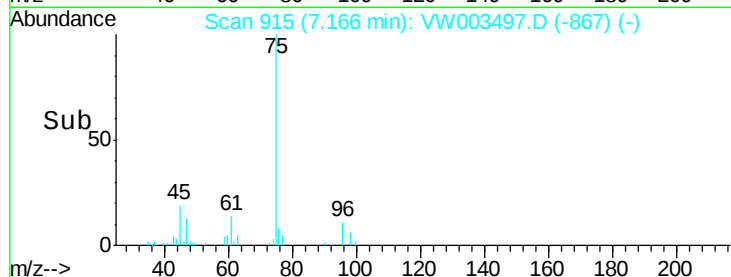
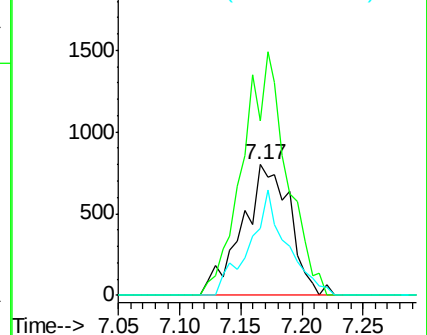
98 63.5 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#30

Chloroform

Concen: 1.254 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW003497.D

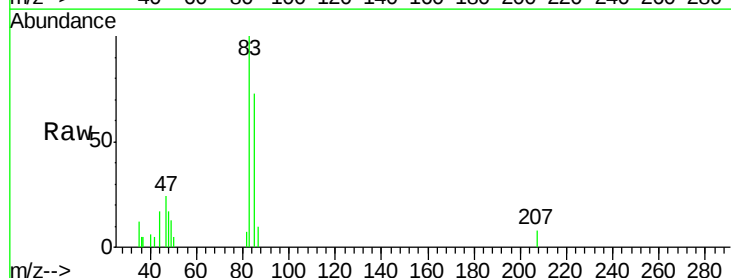
Acq: 24 Jun 2018 08:48

Tgt Ion: 83 Resp: 3686

Ion Ratio Lower Upper

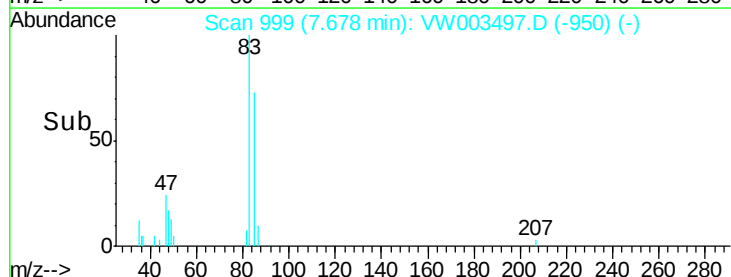
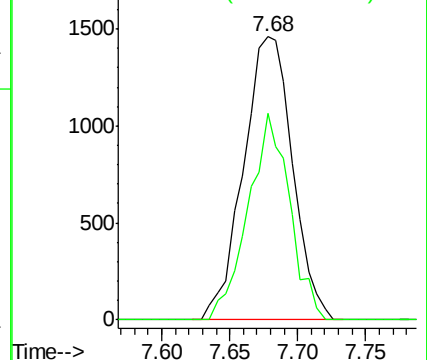
83 100

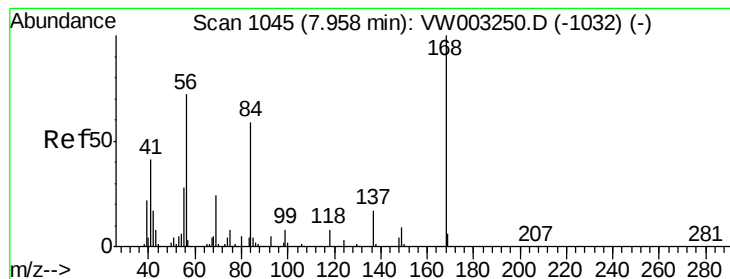
85 73.1 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 1.486 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003497.D

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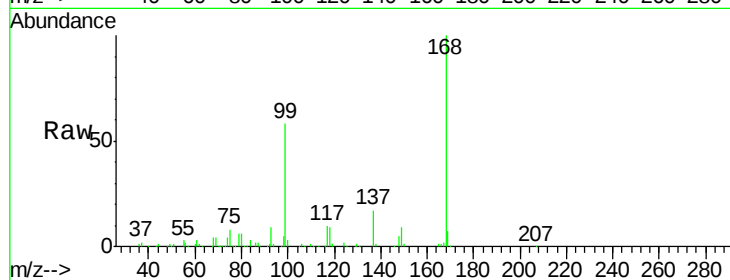
Tgt Ion: 56 Resp: 4006

Ion Ratio Lower Upper

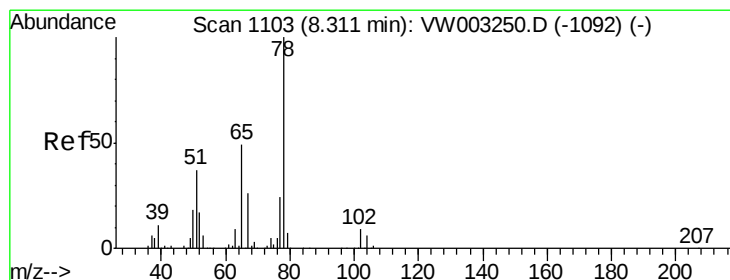
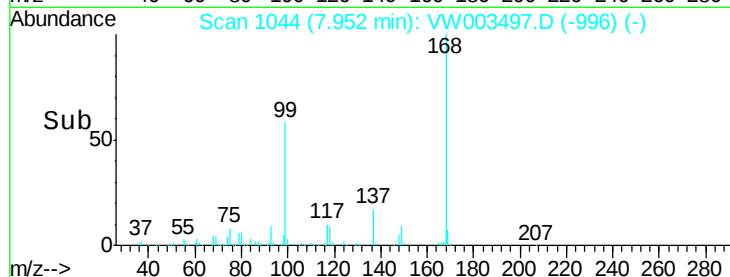
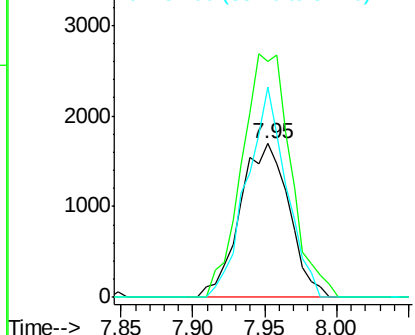
56 100

69 153.2 26.3 39.5#

84 136.5 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: 58.868 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003497.D

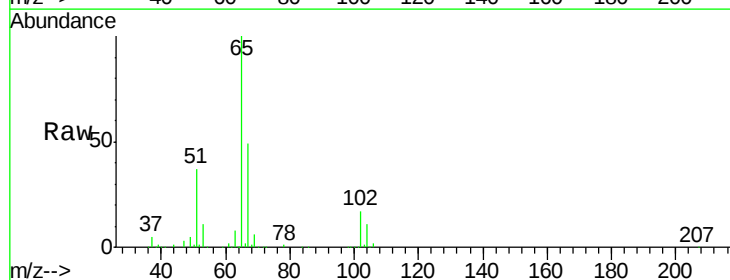
Acq: 24 Jun 2018 08:48

Tgt Ion: 65 Resp: 98215

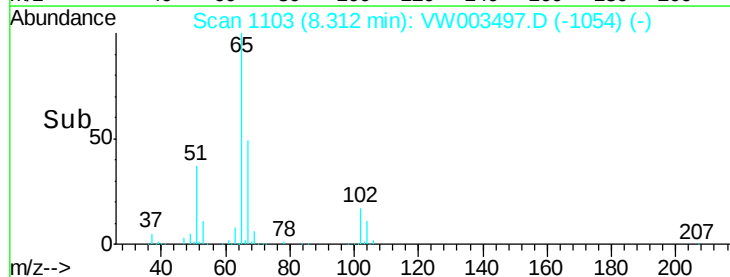
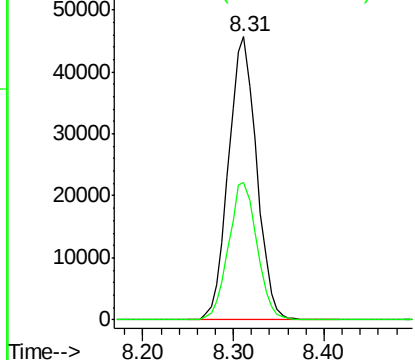
Ion Ratio Lower Upper

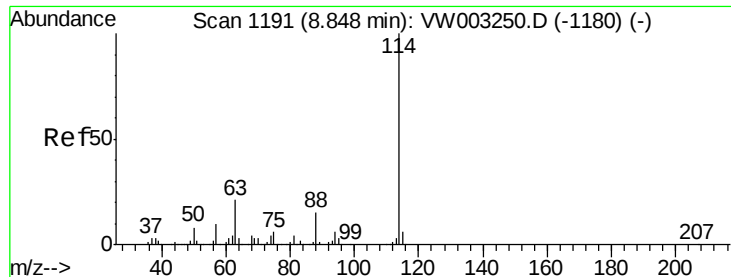
65 100

67 49.4 0.0 104.2



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

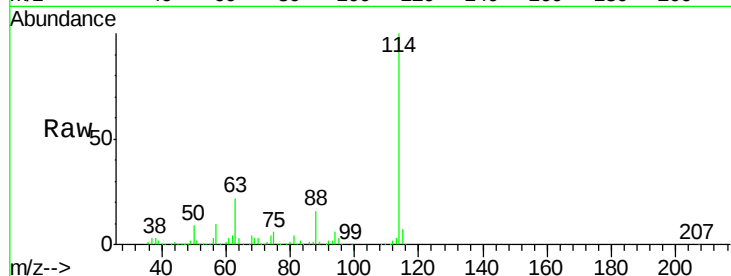




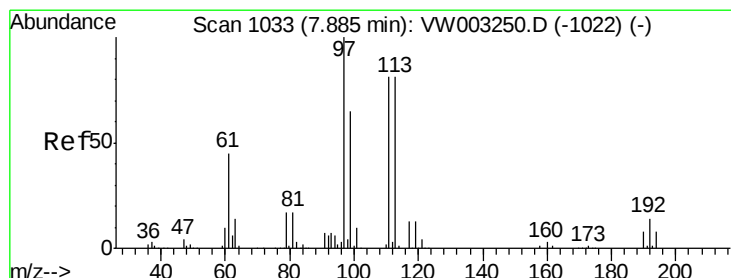
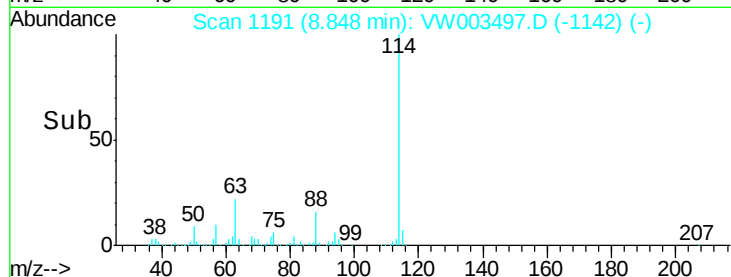
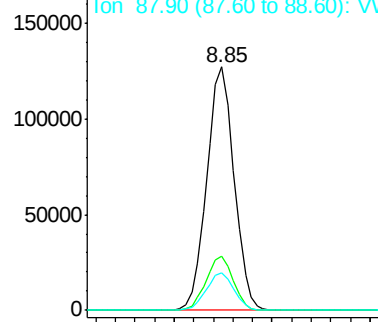
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003497.D
 Acq: 24 Jun 2018 08:48

Instrument :
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Tgt Ion:114 Resp: 246480
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.0
 88 15.6 0.0 29.6

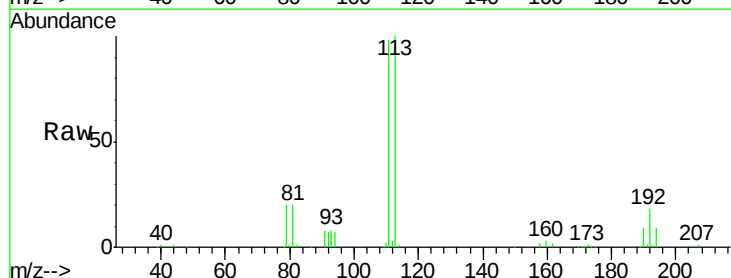


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

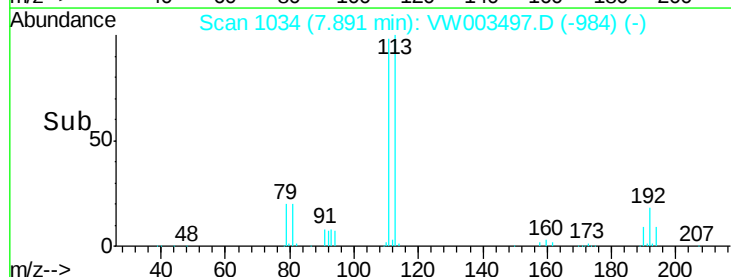
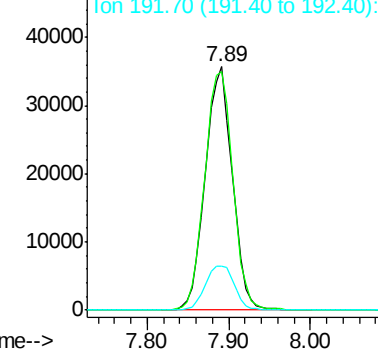


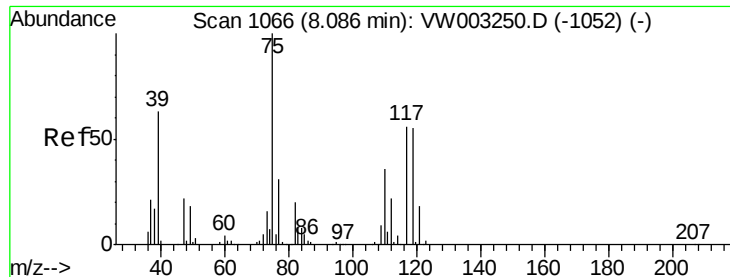
#35
 Dibromofluoromethane
 Concen: 53.120 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003497.D
 Acq: 24 Jun 2018 08:48

Tgt Ion:113 Resp: 81356
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 19.5 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

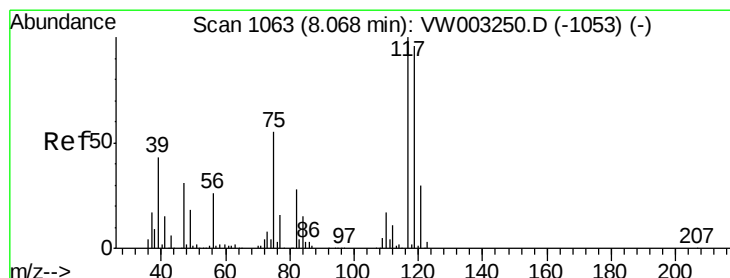
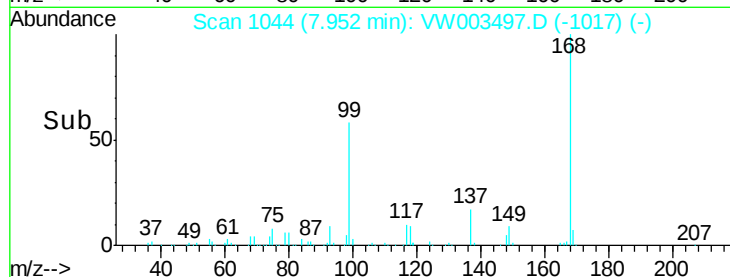
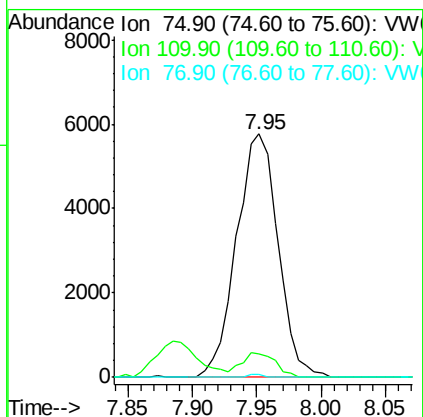
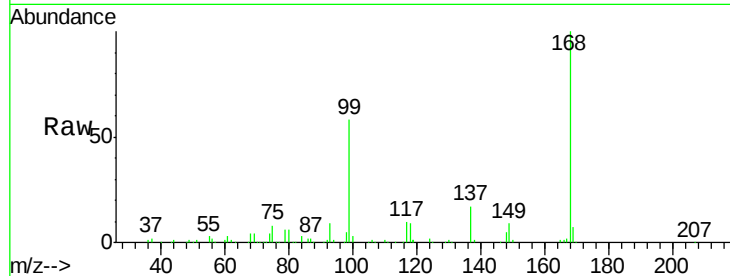




#36
 1,1-Dichloropropene
 Concen: 5.412 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003497.D
 Acq: 24 Jun 2018 08:48

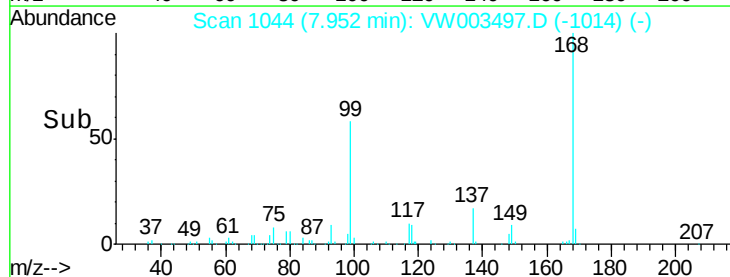
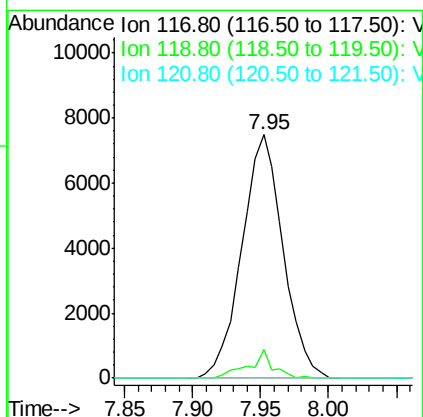
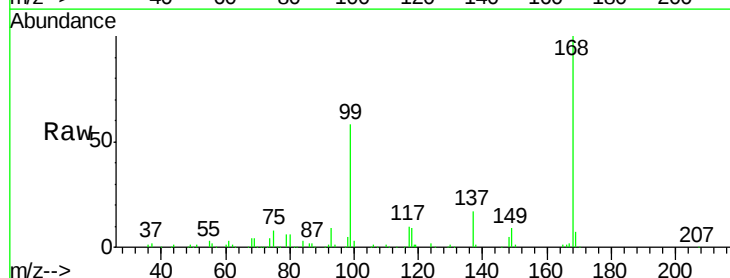
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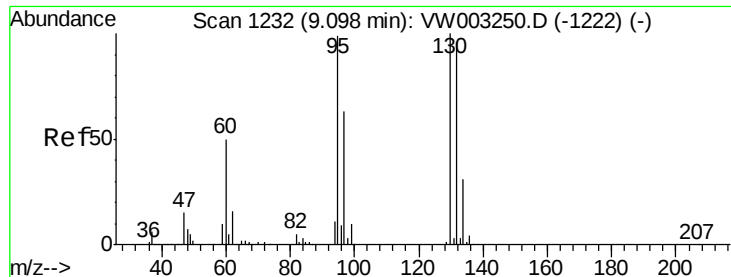
Tgt Ion: 75 Resp: 12883
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.1 51.3#
 77 0.4 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.784 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003497.D
 Acq: 24 Jun 2018 08:48

Tgt Ion: 117 Resp: 15841
 Ion Ratio Lower Upper
 117 100
 119 11.6 76.6 115.0#
 121 0.0 23.9 35.9#

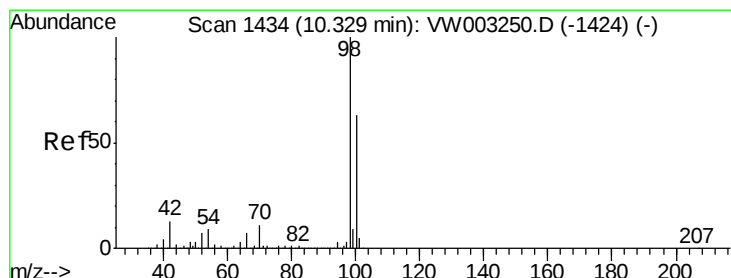
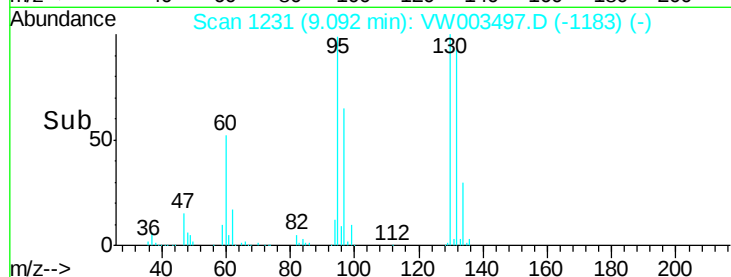
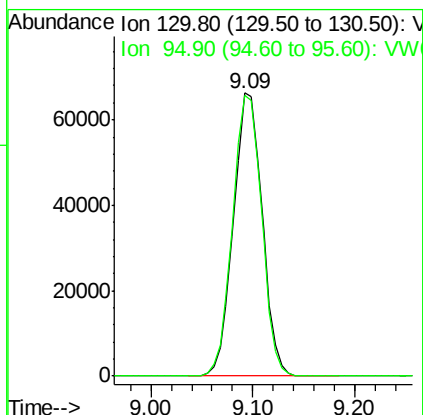
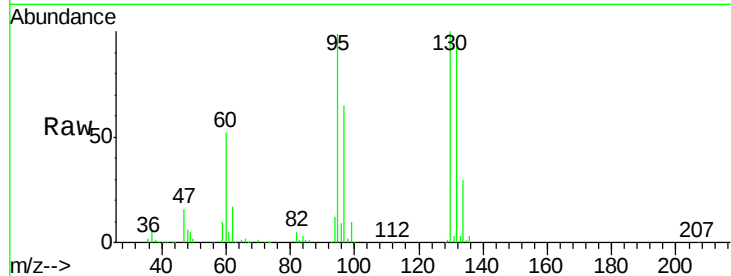




#44
 Trichloroethene
 Concen: 74.466 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VW003497.D
 Acq: 24 Jun 2018 08:48

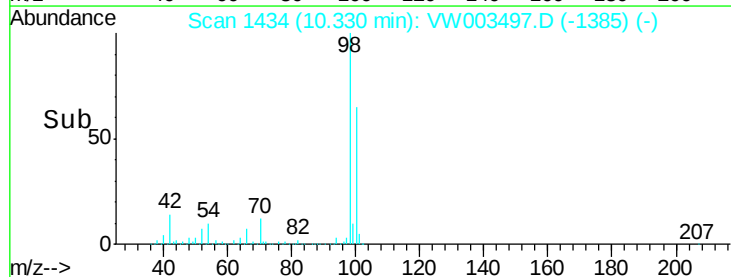
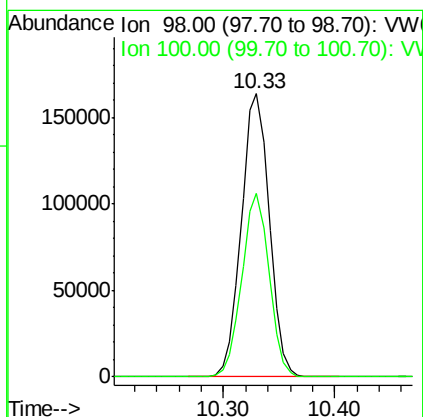
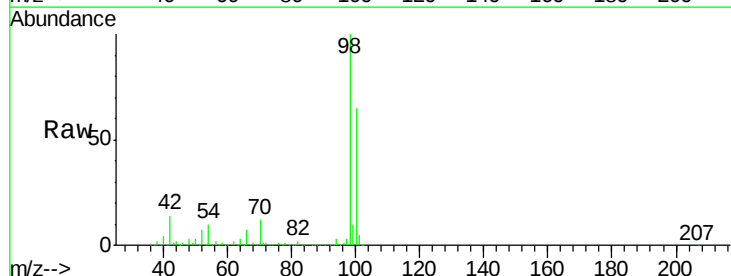
Instrument :
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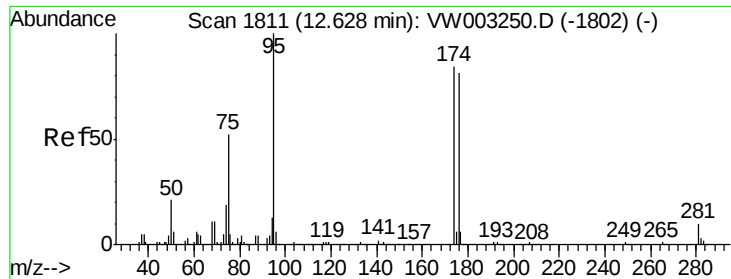
Tgt Ion:130 Resp: 129467
 Ion Ratio Lower Upper
 130 100
 95 99.3 0.0 198.0



#50
 Toluene-d8
 Concen: 47.018 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003497.D
 Acq: 24 Jun 2018 08:48

Tgt Ion: 98 Resp: 285535
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 46.756 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003497.D

Acq: 24 Jun 2018 08:48

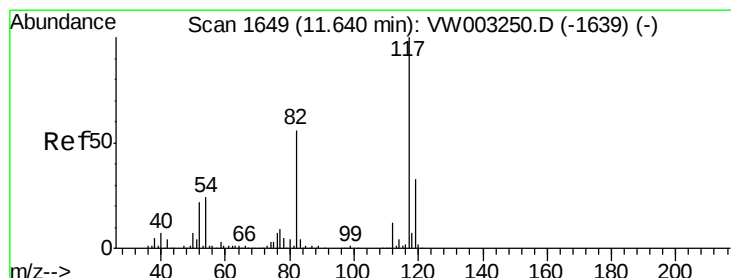
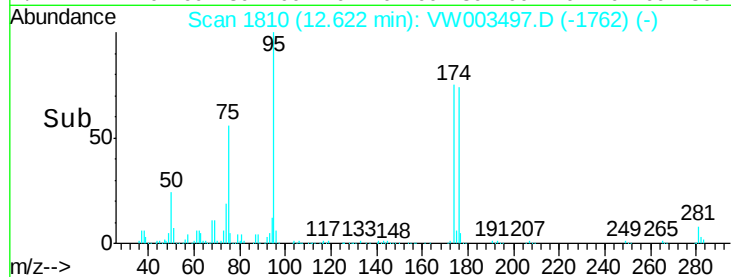
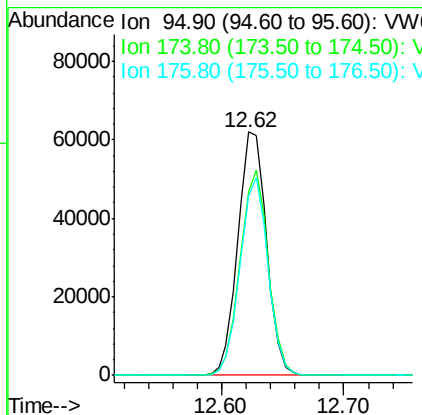
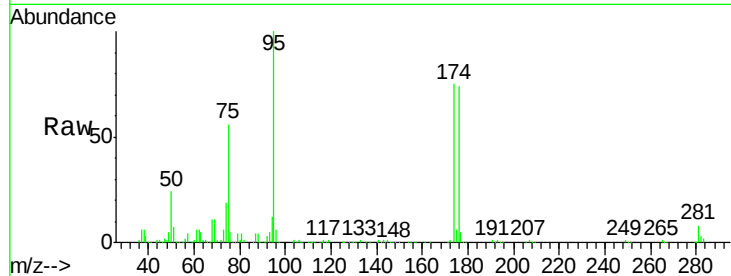
Instrument :

MSVOA_W

ClientSampleId :

WP021SB484-15-17-180620

Tgt Ion:	95	Resp:	100487
Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	166.4
176	79.2	0.0	162.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

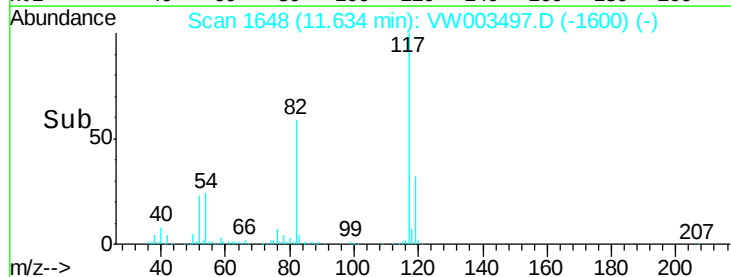
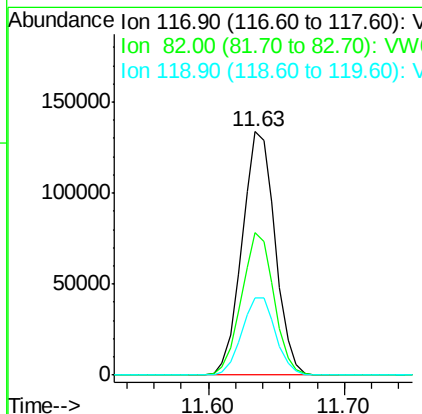
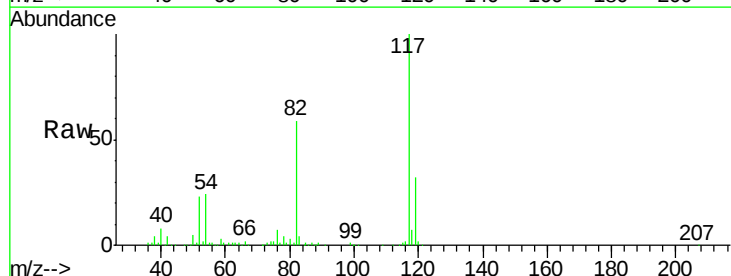
RT: 11.63 min Scan# 1648

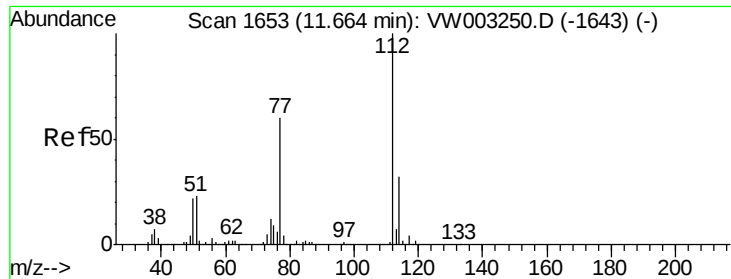
Delta R.T. -0.01 min

Lab File: VW003497.D

Acq: 24 Jun 2018 08:48

Tgt Ion:	117	Resp:	226121
Ion	Ratio	Lower	Upper
117	100		
82	58.8	44.6	67.0
119	31.8	26.7	40.1





#65

Chlorobenzene

Concen: 1.100 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003497.D

Acq: 24 Jun 2018 08:48

Instrument :

MSVOA_W

ClientSampleId :

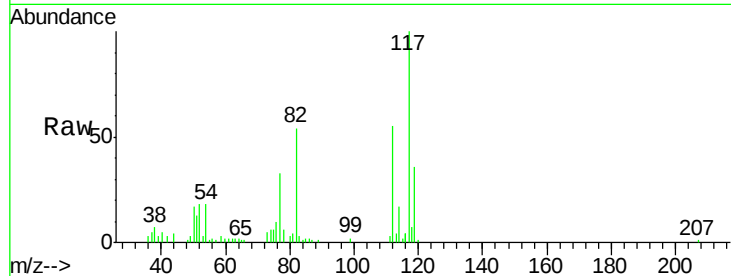
WP021SB484-15-17-180620

Tgt Ion:112 Resp: 5178

Ion Ratio Lower Upper

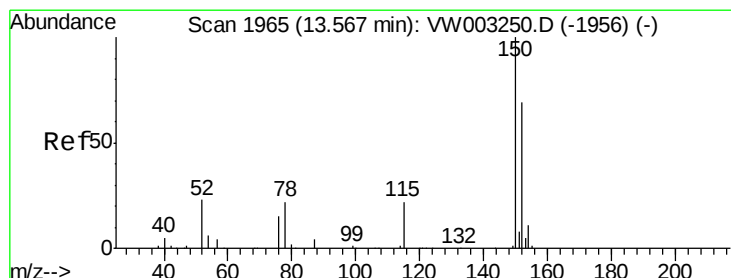
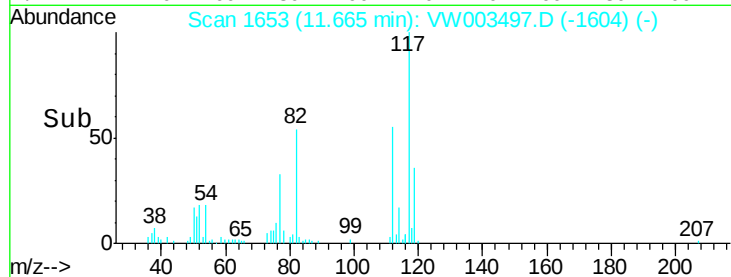
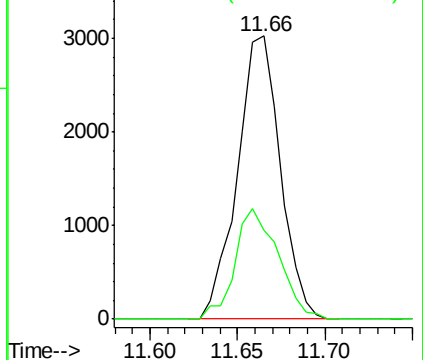
112 100

114 31.4 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003497.D

Acq: 24 Jun 2018 08:48

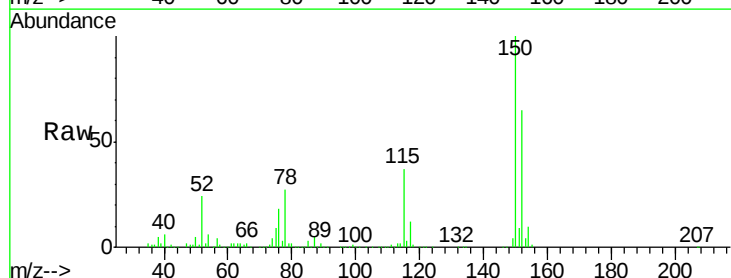
Tgt Ion:152 Resp: 110318

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

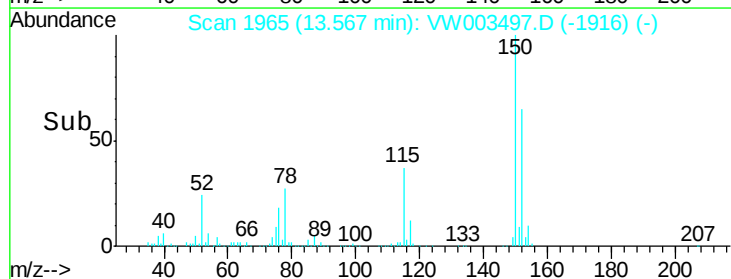
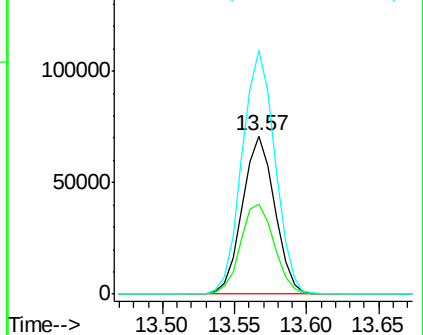
150 156.9 0.0 349.6

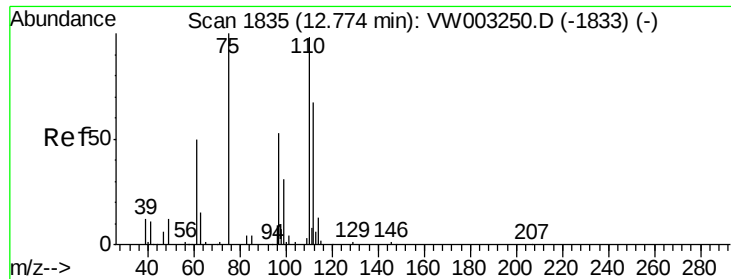


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

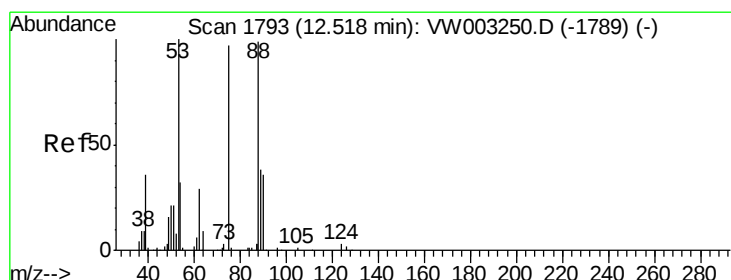
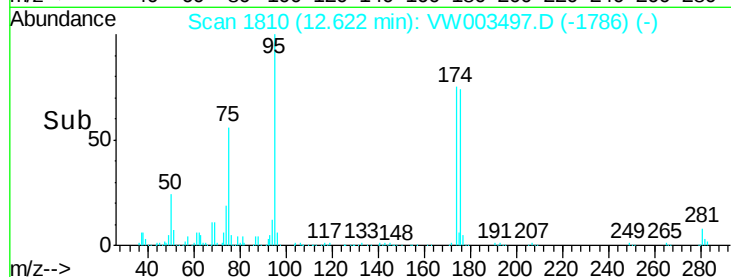
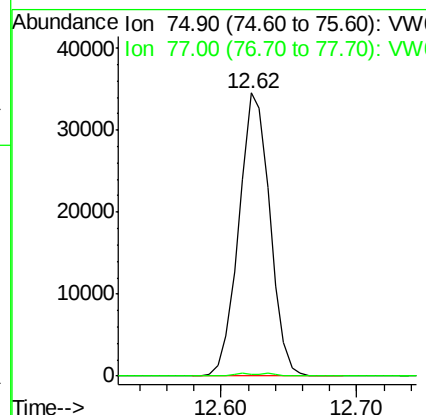
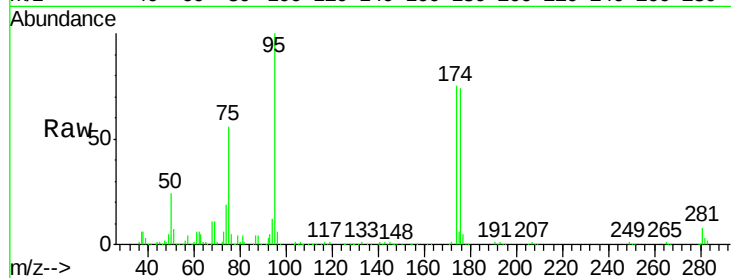




#76
 1,2,3-Trichloropropane
 Concen: 58.231 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003497.D
 Acq: 24 Jun 2018 08:48

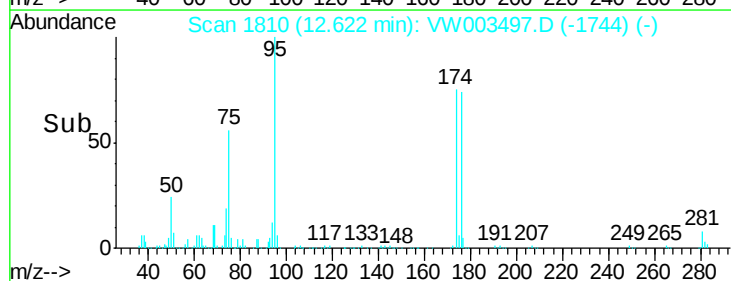
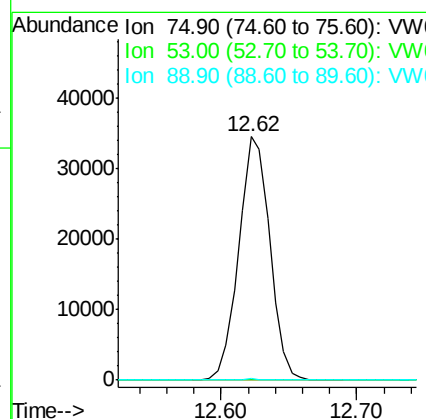
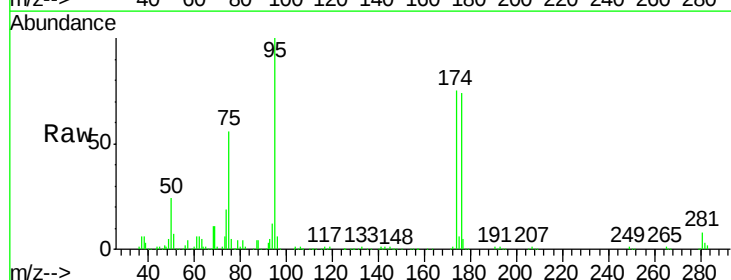
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB484-15-17-180620

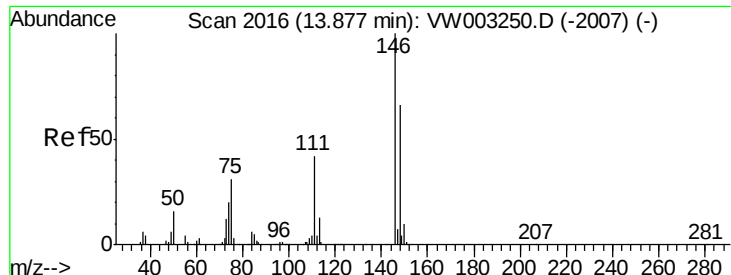
Tgt Ion: 75 Resp: 54917
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.992 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003497.D
 Acq: 24 Jun 2018 08:48

Tgt Ion: 75 Resp: 54917
 Ion Ratio Lower Upper
 75 100
 53 0.1 82.9 124.3#
 89 0.3 36.7 55.1#





#91
 1,2-Dichlorobenzene
 Concen: 1.032 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003497.D
 Acq: 24 Jun 2018 08:48

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB484-15-17-180620

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.2	20.3	61.0
148	67.8	32.3	96.9

