

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003498.D
 Acq On : 24 Jun 2018 09:14
 Operator : SY/AP
 Sample : J3669-02
 Misc : 5.88G/5ML/MSVOA_W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB484-17-19-180620

Quant Time: Jun 25 02:50:10 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	155287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	264062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	244493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	116679	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	106698	63.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.88%	
35) Dibromofluoromethane	7.88	113	90657	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
50) Toluene-d8	10.33	98	313590	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.62	95	112773	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	

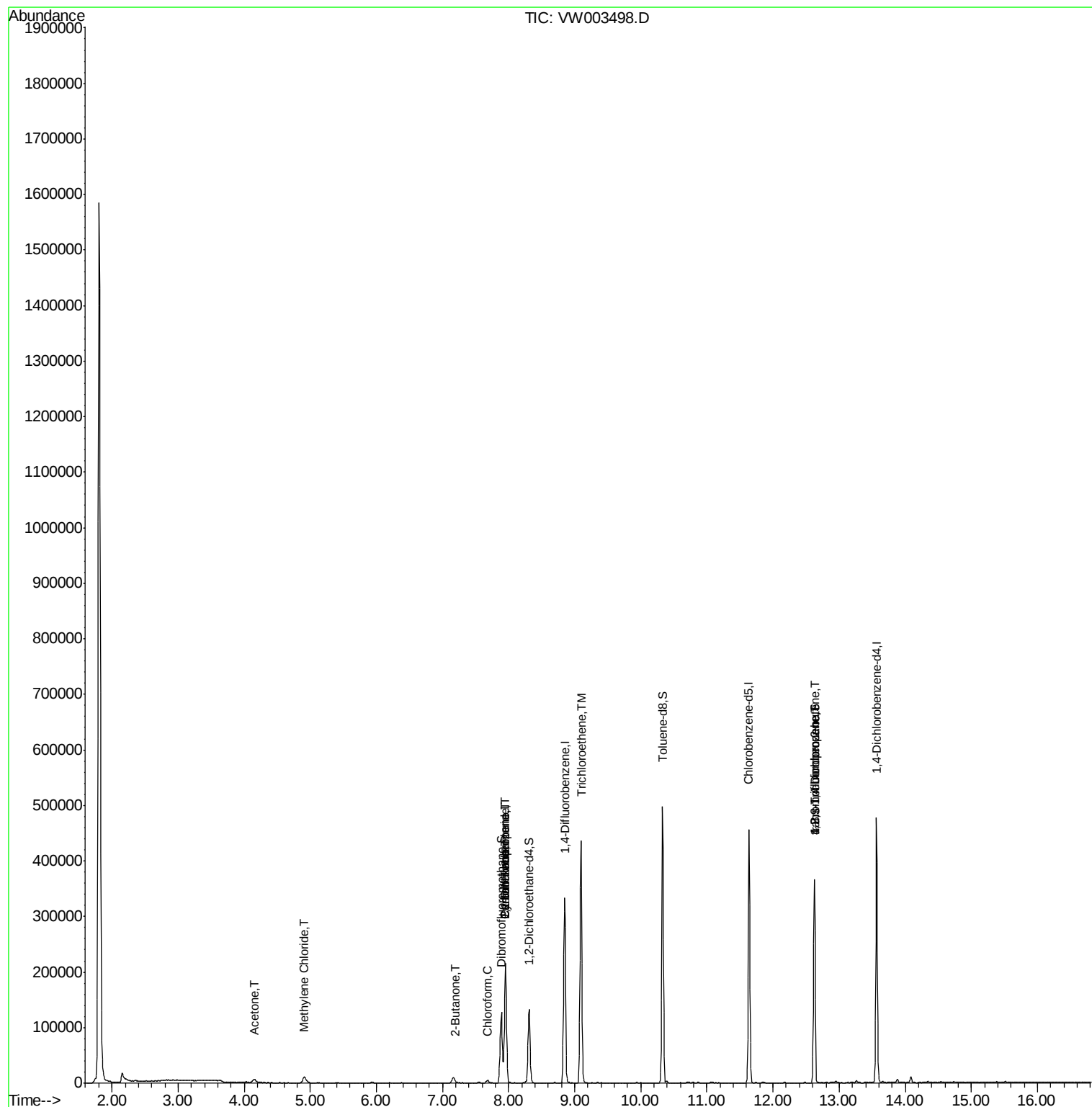
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	13775	39.049	ug/l	95
20) Methylene Chloride	4.92	84	8514	2.170	ug/l	96
25) 2-Butanone	7.20	43	1570	3.579	ug/l	98
30) Chloroform	7.68	83	4139	1.396	ug/l	100
31) Cyclohexane	7.96	56	3822	1.406	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13242	5.193	ug/l #	48
38) Carbon Tetrachloride	7.95	117	16311	6.521	ug/l #	17
44) Trichloroethene	9.10	130	148699	79.833	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	61630	61.786	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61630	142.174	ug/l #	8

(#) = 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: VW003498.D

Acq: 24 Jun 2018 09:14

Instrument :

MSVOA_W

ClientSampleId :

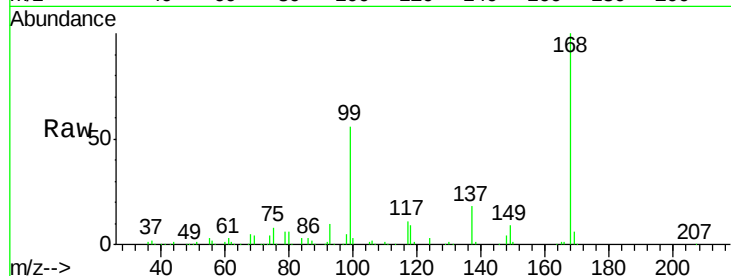
WP021SB484-17-19-180620

Tgt Ion:168 Resp: 155287

Ion Ratio Lower Upper

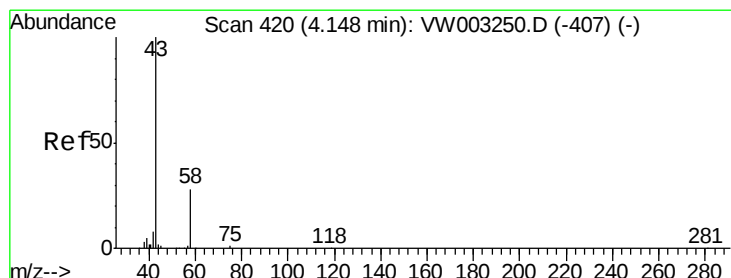
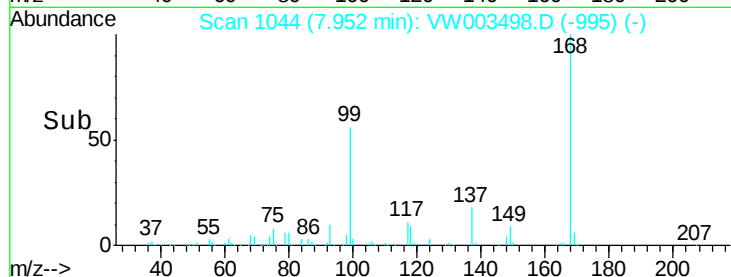
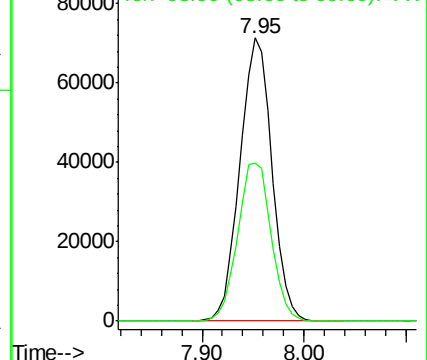
168 100

99 55.7 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: 39.049 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003498.D

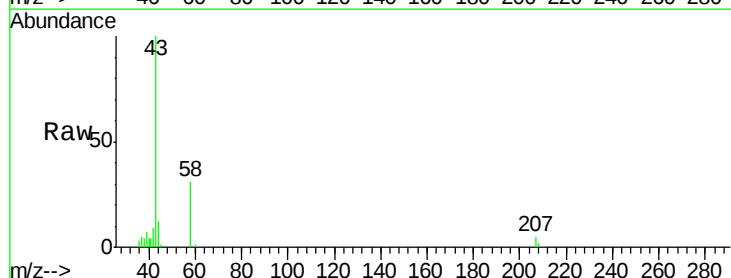
Acq: 24 Jun 2018 09:14

Tgt Ion: 43 Resp: 13775

Ion Ratio Lower Upper

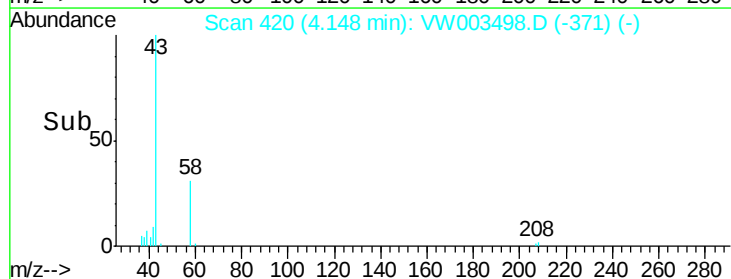
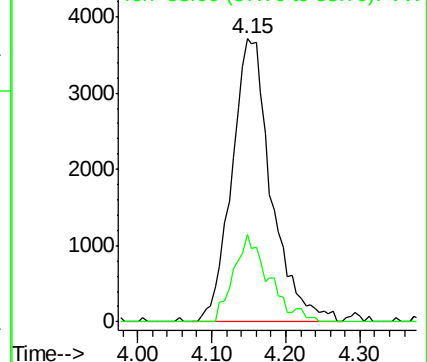
43 100

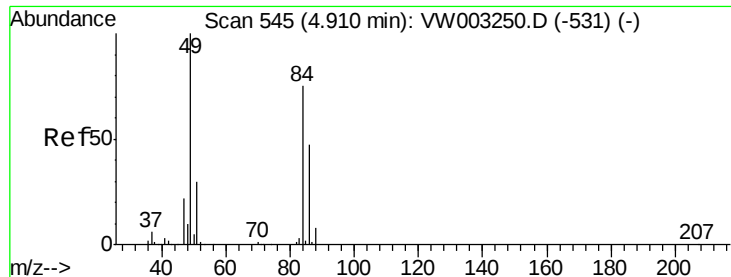
58 31.1 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 2.170 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003498.D

Acq: 24 Jun 2018 09:14

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 84 Resp: 8514

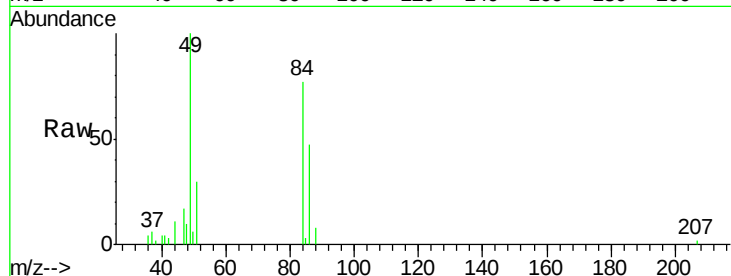
Ion Ratio Lower Upper

84 100

49 126.2 106.3 159.5

51 38.6 32.0 48.0

86 61.1 49.9 74.9

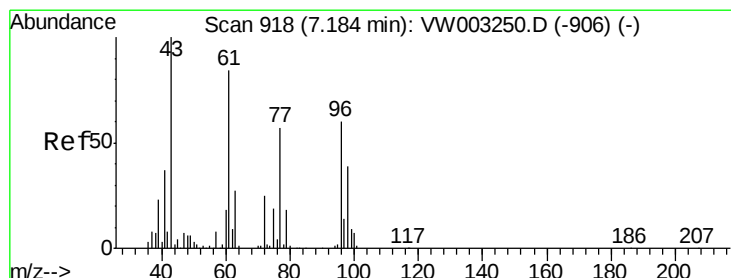
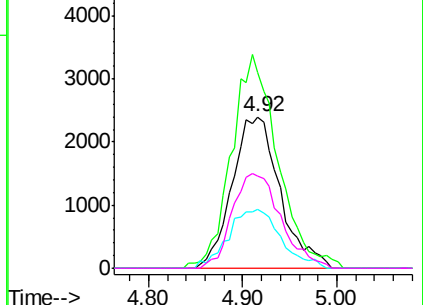
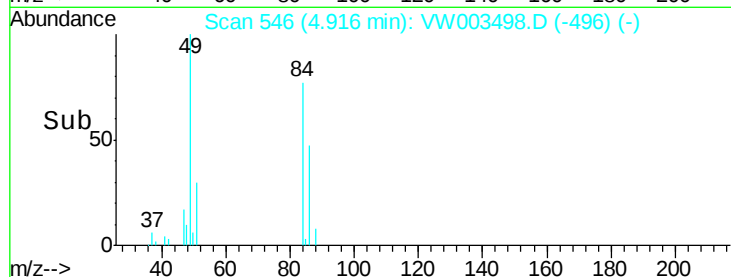


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 3.579 ug/l

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW003498.D

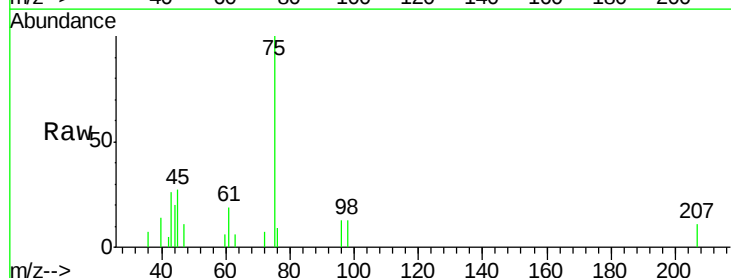
Acq: 24 Jun 2018 09:14

Tgt Ion: 43 Resp: 1570

Ion Ratio Lower Upper

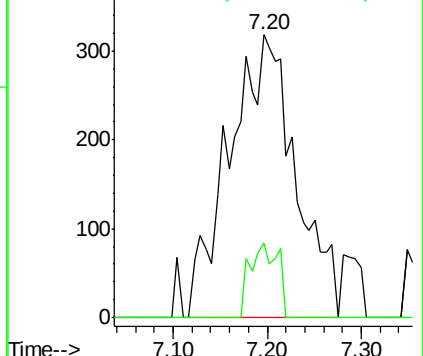
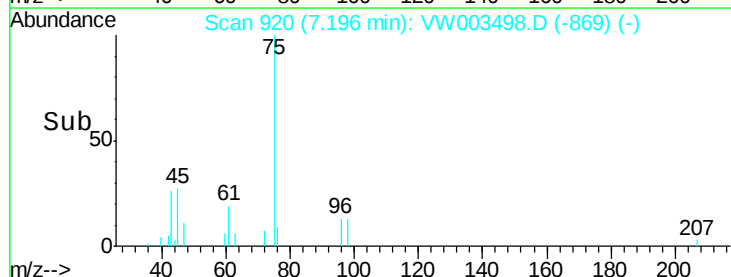
43 100

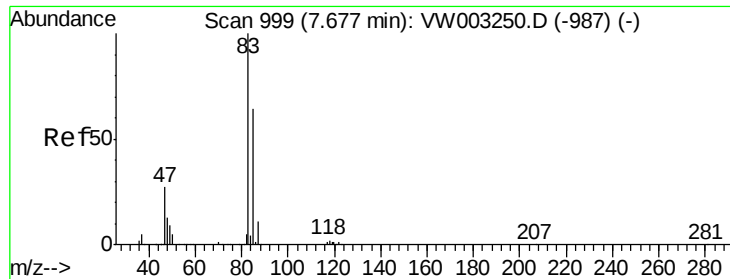
72 26.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

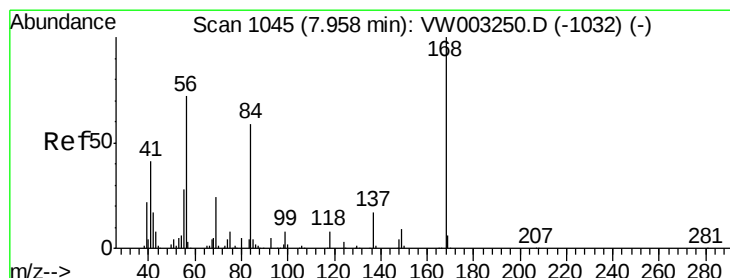
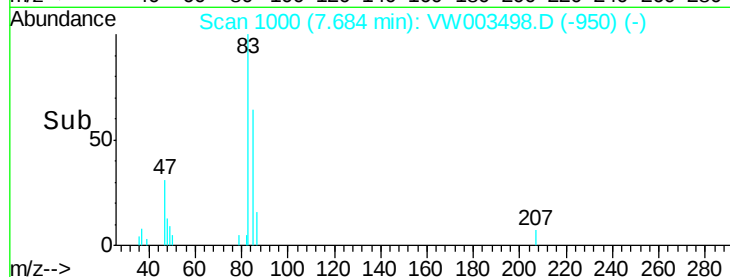
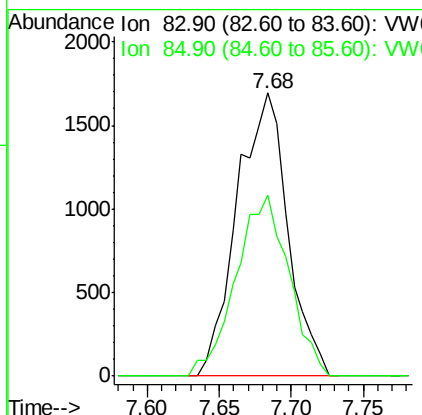
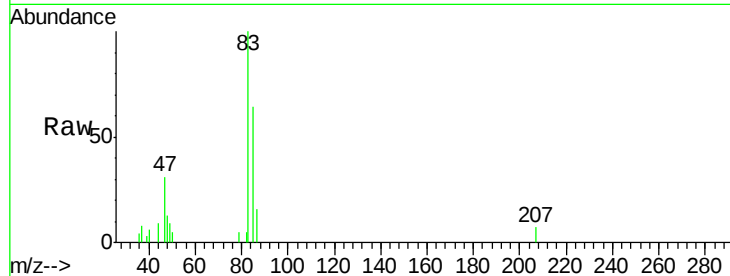




#30
Chloroform
Concen: 1.396 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VW003498.D
Acq: 24 Jun 2018 09:14

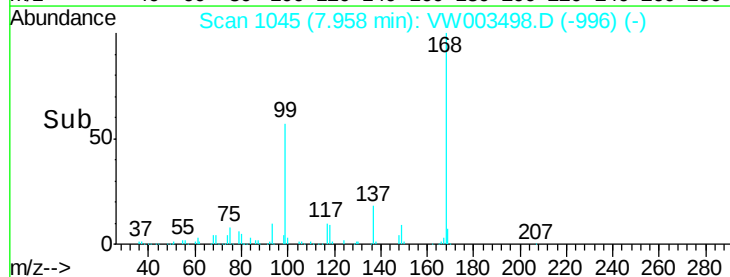
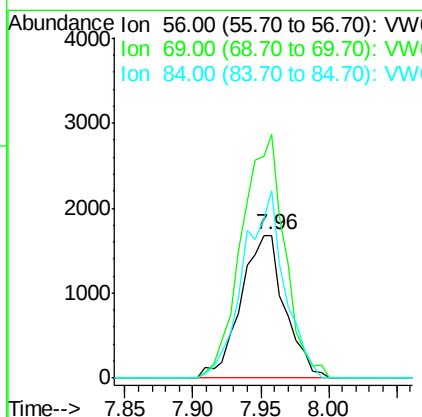
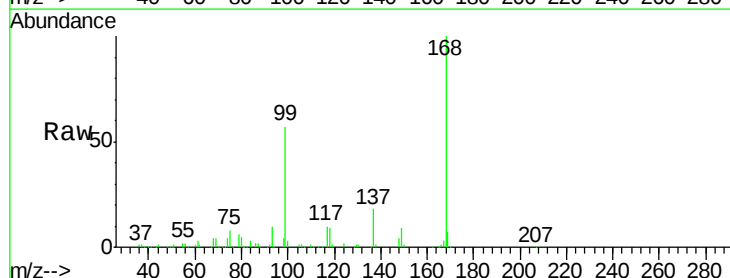
Instrument :
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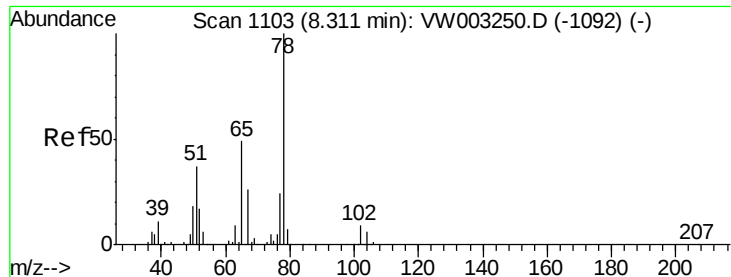
Tgt Ion: 83 Resp: 4139
Ion Ratio Lower Upper
83 100
85 63.7 51.3 76.9



#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003498.D
Acq: 24 Jun 2018 09:14

Tgt Ion: 56 Resp: 3822
Ion Ratio Lower Upper
56 100
69 170.5 26.3 39.5#
84 131.1 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 63.435 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003498.D

Acq: 24 Jun 2018 09:14

Instrument :

MSVOA_W

ClientSampleId :

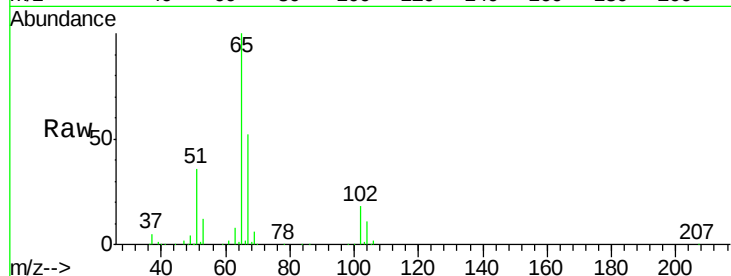
WP021SB484-17-19-180620

Tgt Ion: 65 Resp: 106698

Ion Ratio Lower Upper

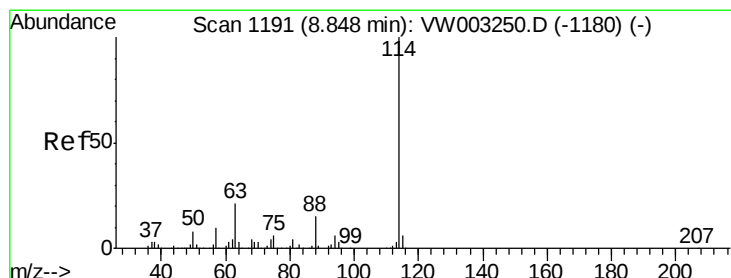
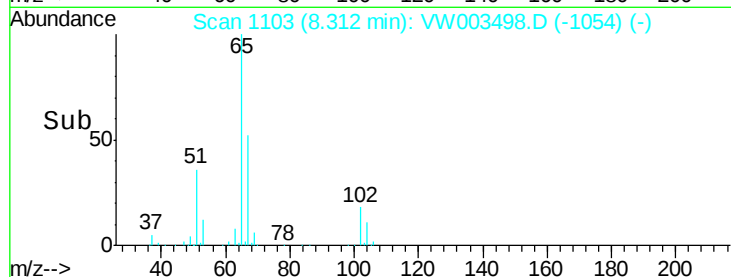
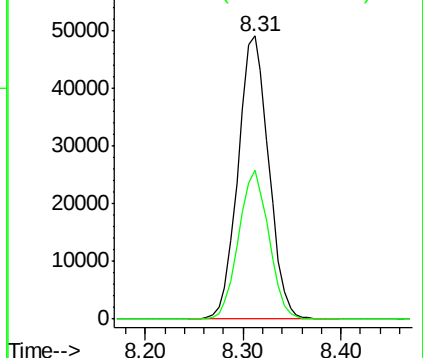
65 100

67 51.9 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: VW003498.D

Acq: 24 Jun 2018 09:14

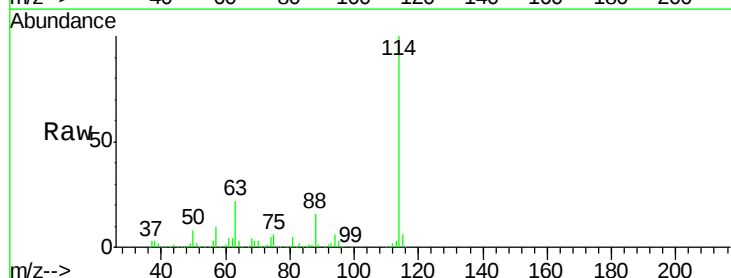
Tgt Ion: 114 Resp: 264062

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.0

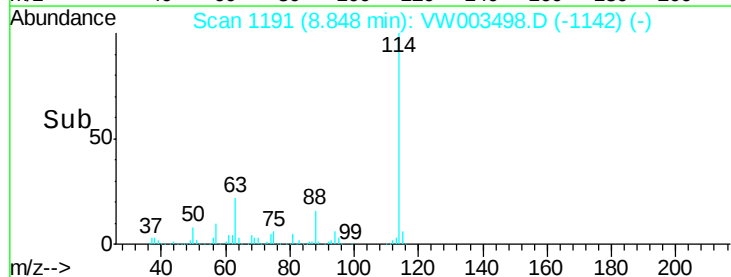
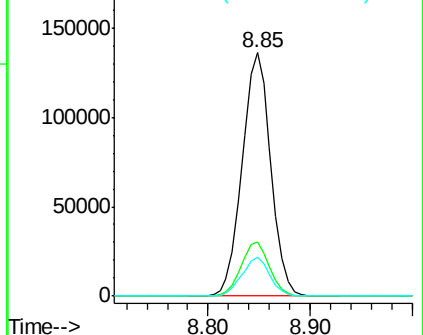
88 16.0 0.0 29.6

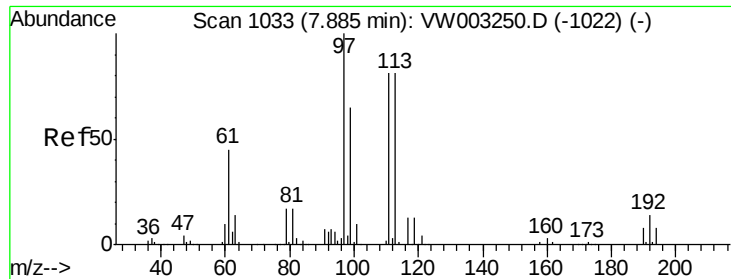


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

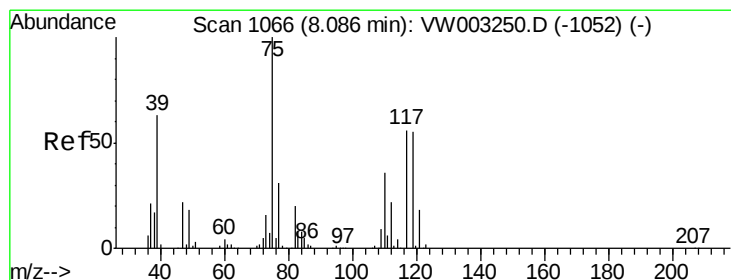
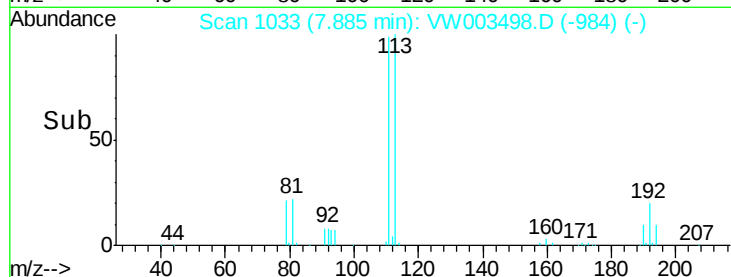
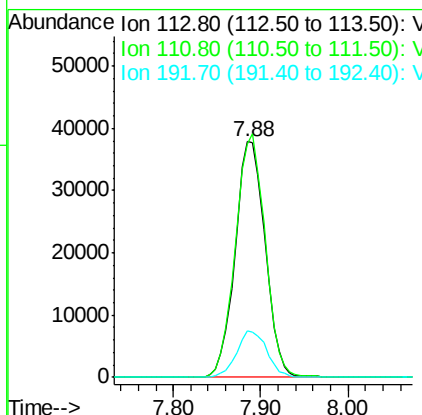
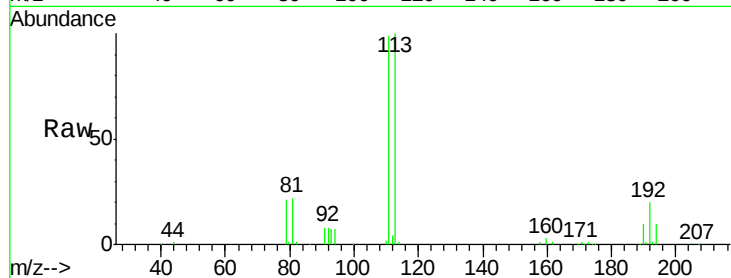




#35
 Dibromofluoromethane
 Concen: 55.252 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003498.D
 Acq: 24 Jun 2018 09:14

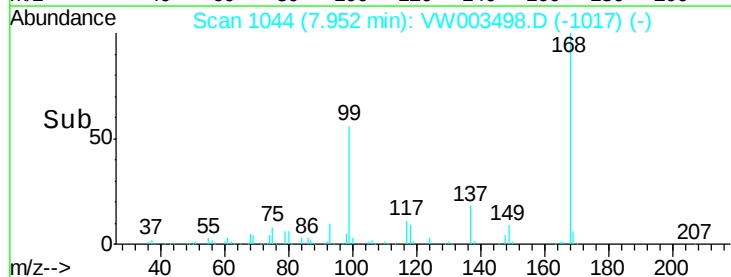
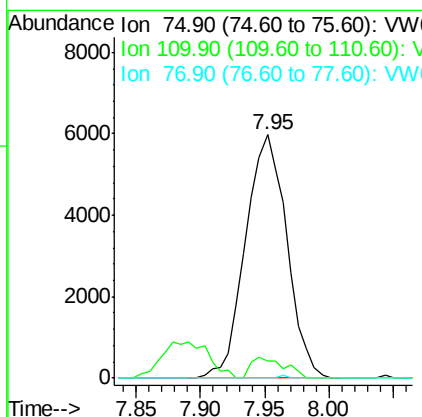
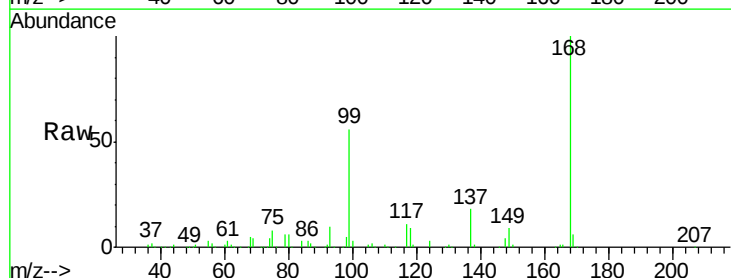
Instrument :
 MSVOA_W
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 WP021SB484-17-19-180620

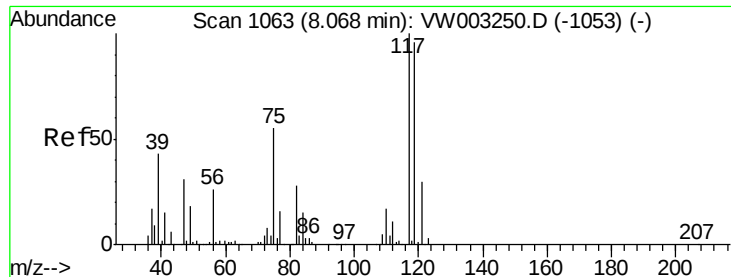
Tgt Ion: 113 Resp: 90657
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 19.8 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.193 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003498.D
 Acq: 24 Jun 2018 09:14

Tgt Ion: 75 Resp: 13242
 Ion Ratio Lower Upper
 75 100
 110 6.8 17.1 51.3#
 77 0.2 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.521 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003498.D

Acq: 24 Jun 2018 09:14

Instrument :

MSVOA_W

ClientSampleId :

WP021SB484-17-19-180620

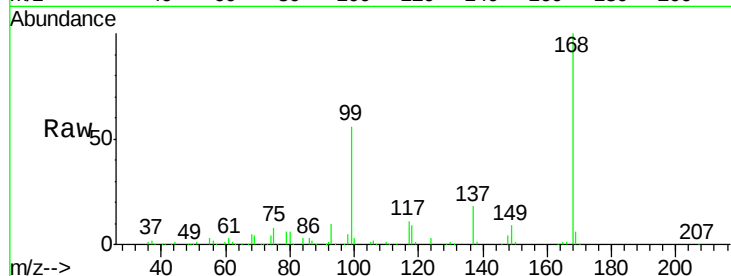
Tgt Ion:117 Resp: 16311

Ion Ratio Lower Upper

117 100

119 5.8 76.6 115.0#

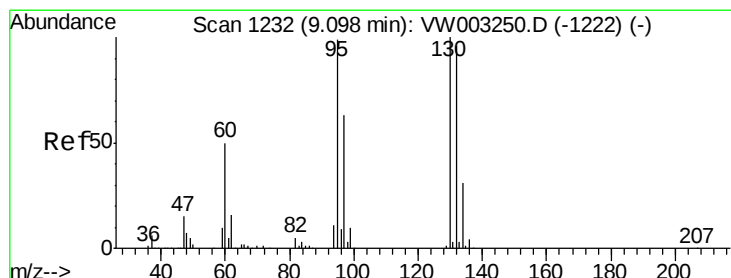
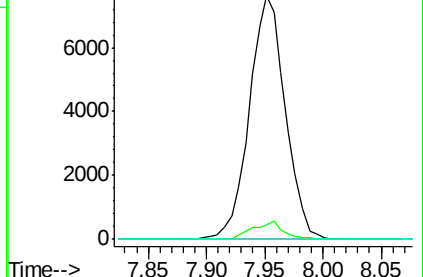
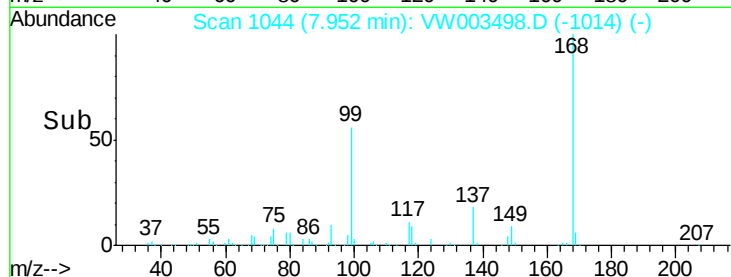
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 79.833 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003498.D

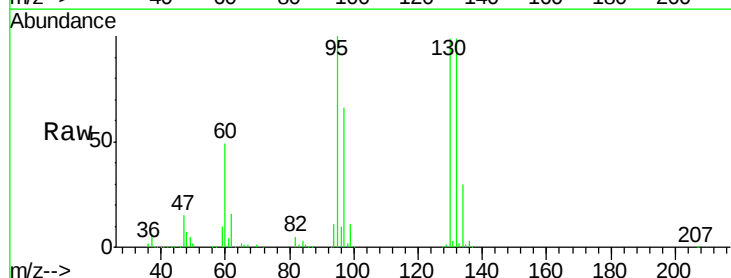
Acq: 24 Jun 2018 09:14

Tgt Ion:130 Resp: 148699

Ion Ratio Lower Upper

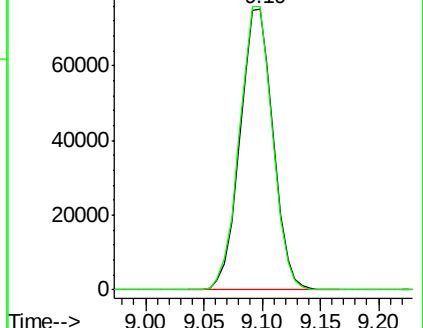
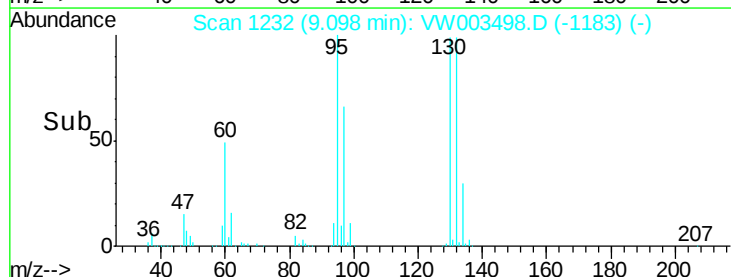
130 100

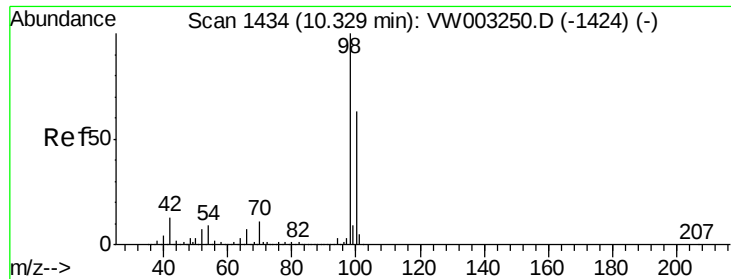
95 100.7 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.199 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003498.D

Acq: 24 Jun 2018 09:14

Instrument :

MSVOA_W

ClientSampleId :

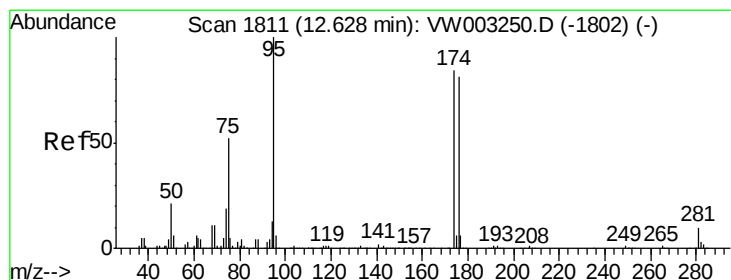
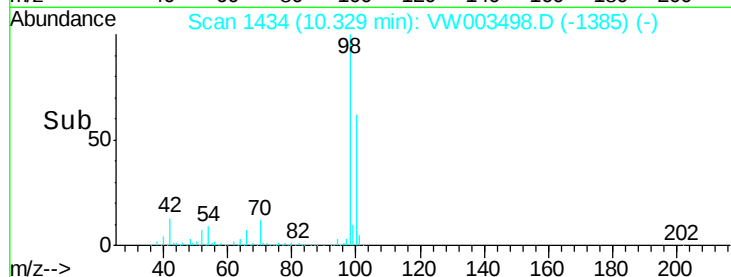
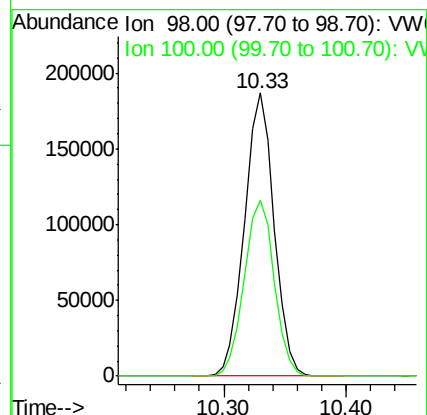
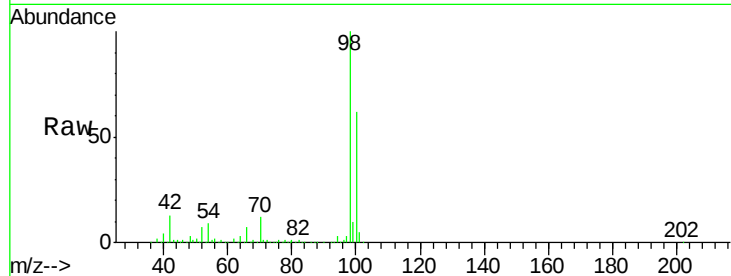
WP021SB484-17-19-180620

Tgt Ion: 98 Resp: 313590

Ion Ratio Lower Upper

98 100

100 63.4 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 48.979 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003498.D

Acq: 24 Jun 2018 09:14

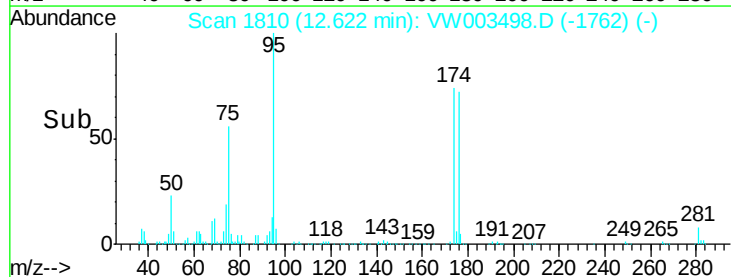
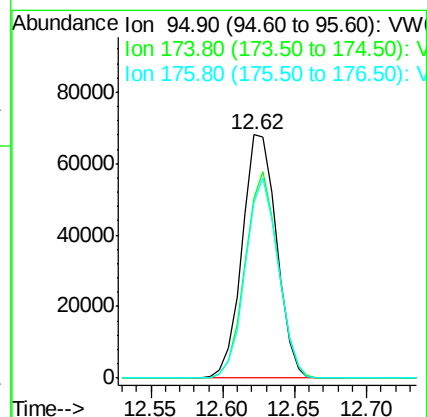
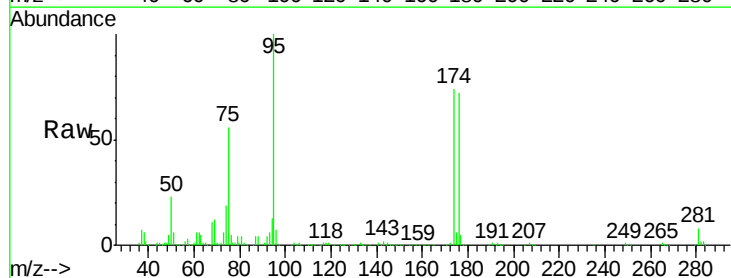
Tgt Ion: 95 Resp: 112773

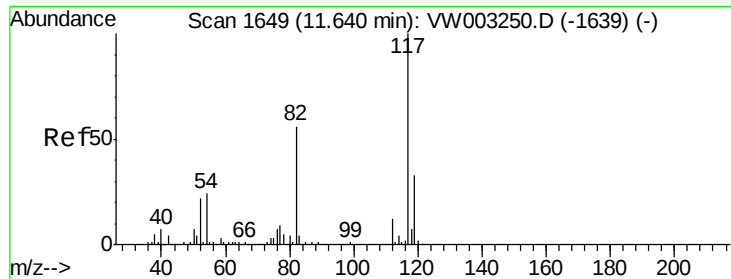
Ion Ratio Lower Upper

95 100

174 81.0 0.0 166.4

176 78.4 0.0 162.0

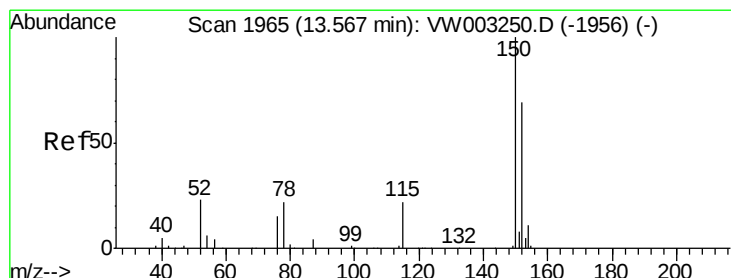
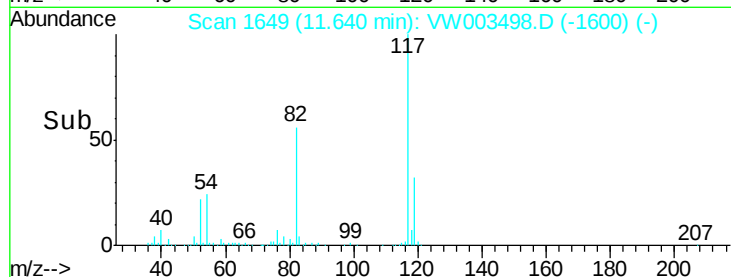
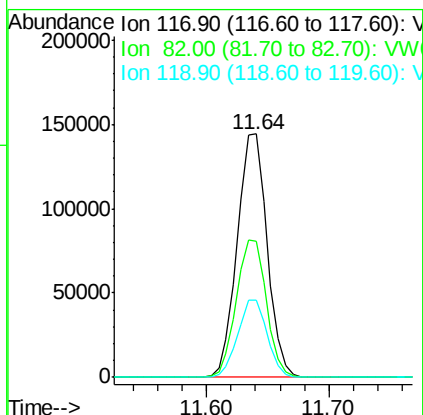
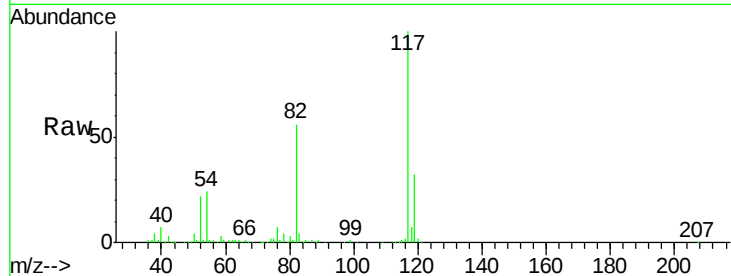




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003498.D
Acq: 24 Jun 2018 09:14

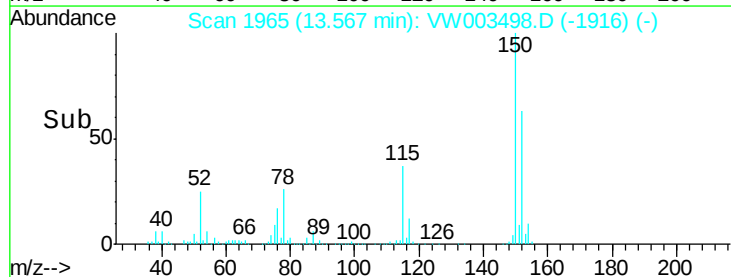
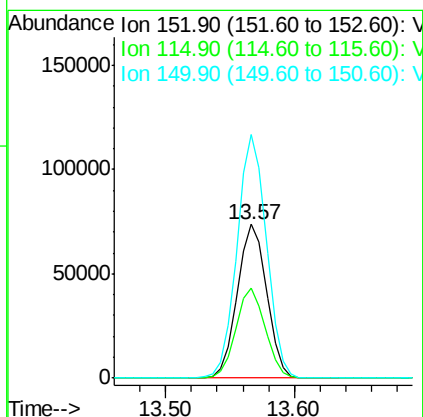
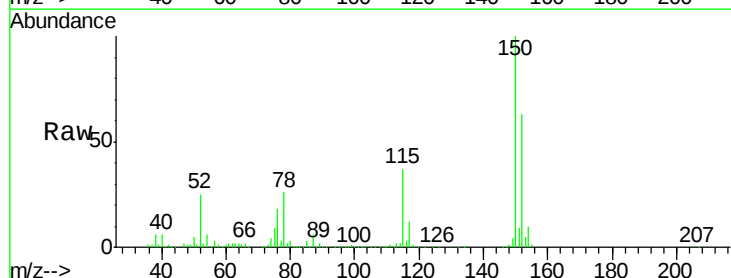
Instrument :
MSVOA_W
ClientSampleId :
WP021SB484-17-19-180620

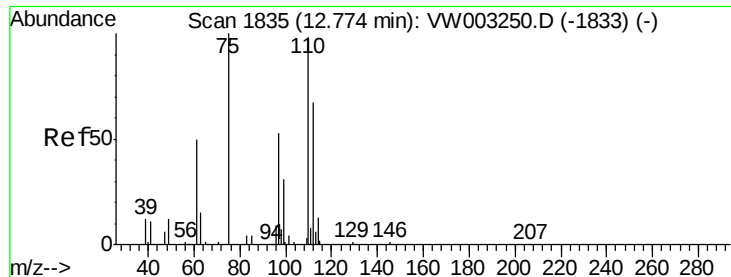
Tgt Ion:117 Resp: 244493
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 31.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003498.D
Acq: 24 Jun 2018 09:14

Tgt Ion:152 Resp: 116679
Ion Ratio Lower Upper
152 100
115 58.3 29.3 88.0
150 157.9 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 61.786 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003498.D

Acq: 24 Jun 2018 09:14

Instrument :

MSVOA_W

ClientSampleId :

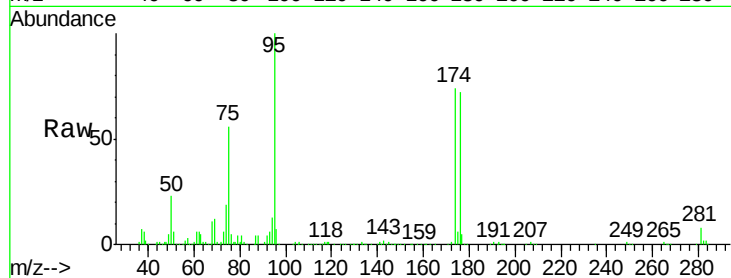
WP021SB484-17-19-180620

Tgt Ion: 75 Resp: 61630

Ion Ratio Lower Upper

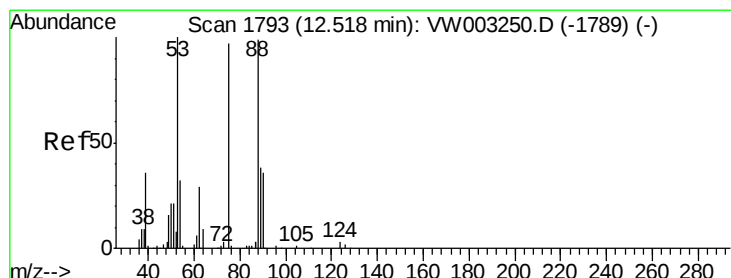
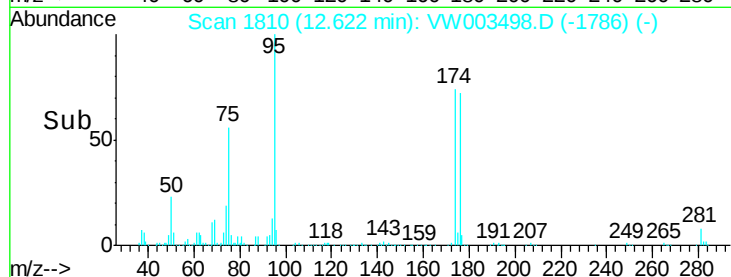
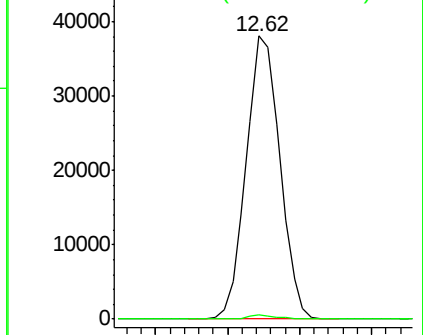
75 100

77 1.3 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: 142.174 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003498.D

Acq: 24 Jun 2018 09:14

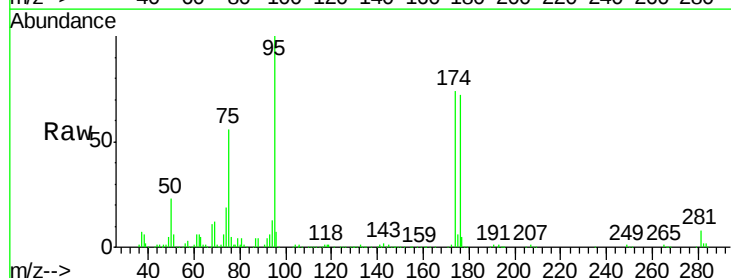
Tgt Ion: 75 Resp: 61630

Ion Ratio Lower Upper

75 100

53 0.3 82.9 124.3#

89 0.0 36.7 55.1#



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

