

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 05:29:24 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			Recovery	=	126.88%	
35) Dibromofluoromethane	7.88	113	90657	55.25	ug/l	0.00
Spiked Amount			Recovery	=	110.50%	
50) Toluene-d8	10.33	98	313590	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.62	95	112773	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	

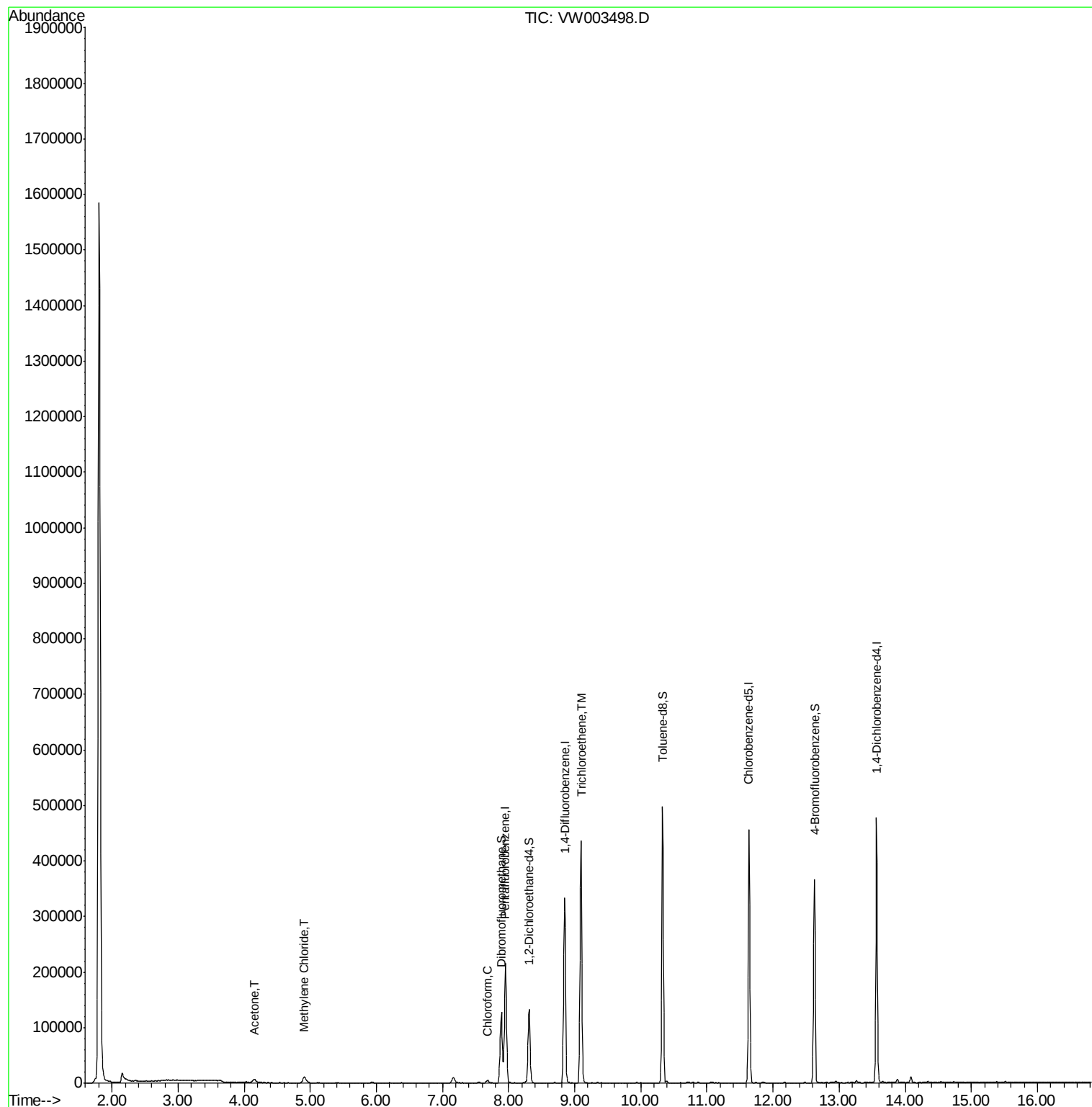
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	13775	39.05	ug/l	95
20) Methylene Chloride	4.92	84	8514	2.17	ug/l	96
30) Chloroform	7.68	83	4139	1.40	ug/l	100
44) Trichloroethene	9.10	130	148699	79.83	ug/l	98

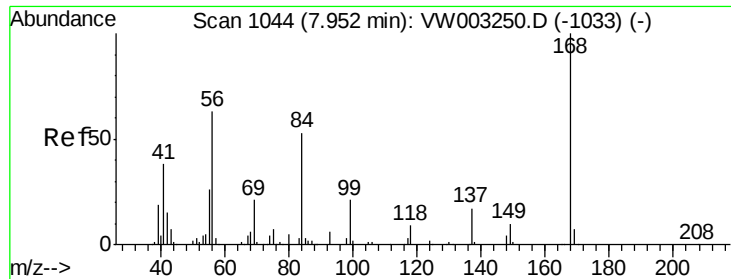
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

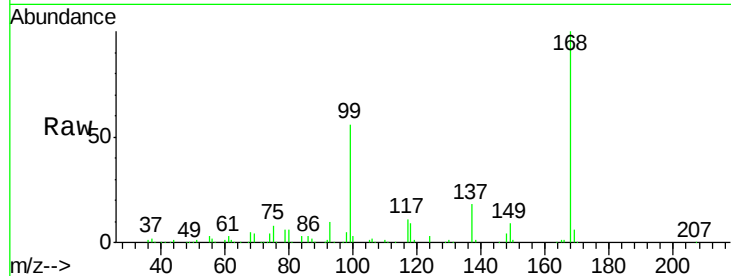
WP021SB484-17-19-180620

Tot Ion:168 Resp: 155287

Ion Ratio Lower Upper

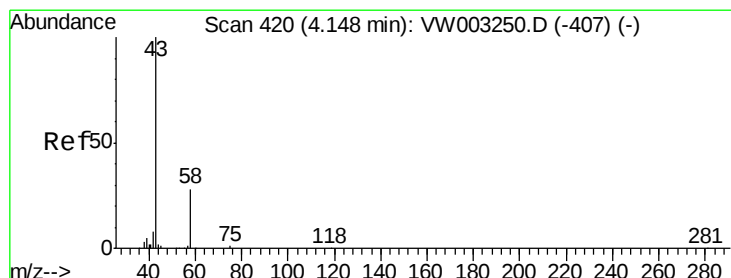
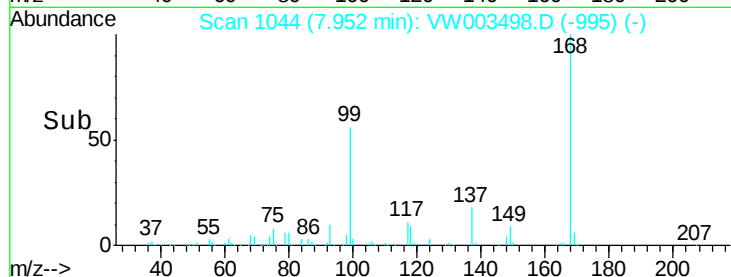
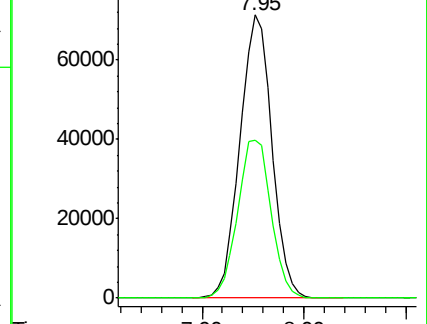
168 100

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: 39.05 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003498.D

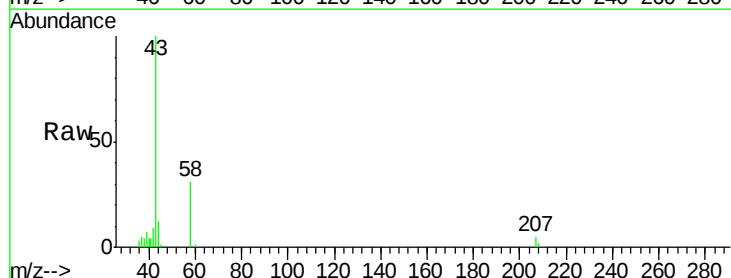
Acq: 24 Jun 2018 09:14

Tgt Ion: 43 Resp: 13775

Ion Ratio Lower Upper

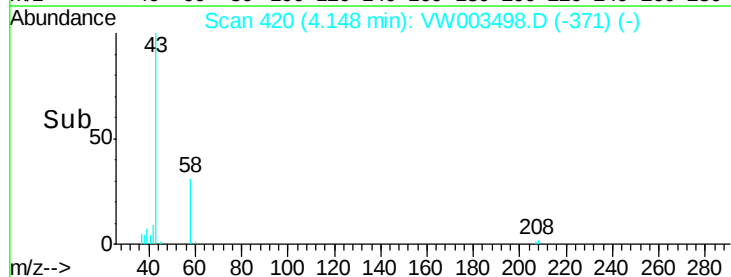
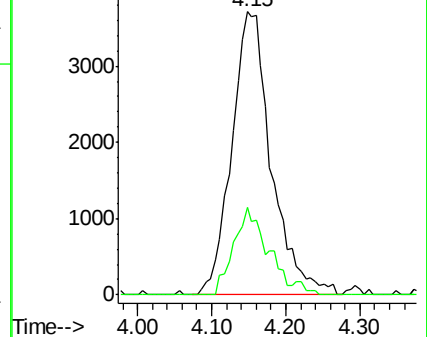
43 100

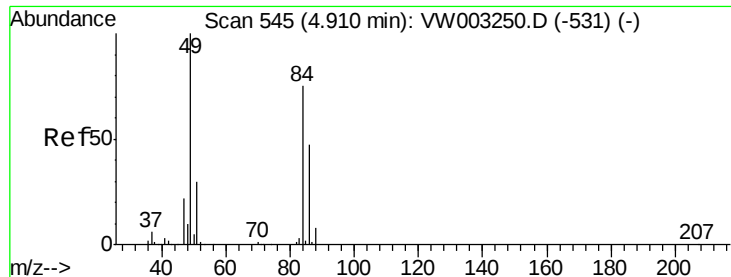
58 31.1 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

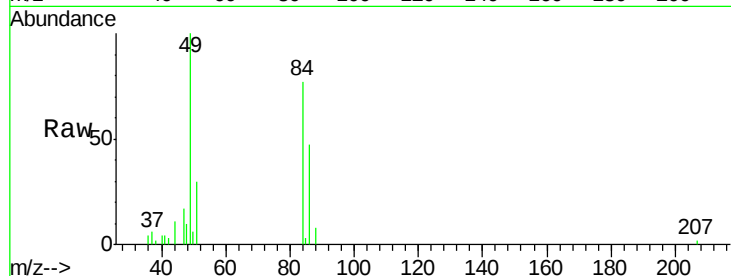




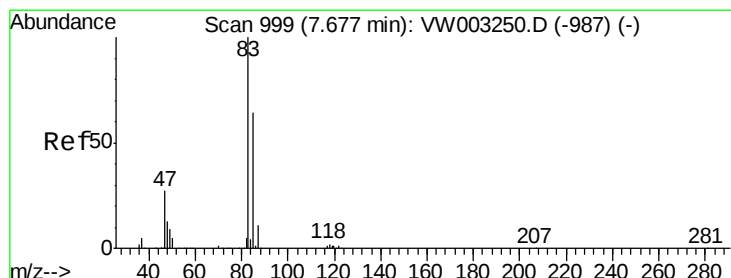
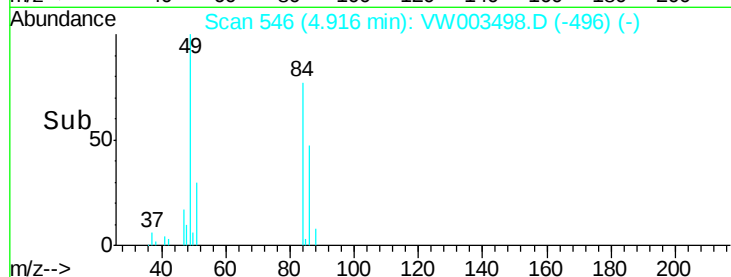
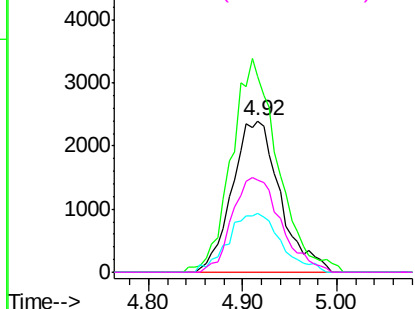
#20
Methvlene Chloride
Concen: 2.17 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003498.D
Acq: 24 Jun 2018 09:14

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

Tot 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

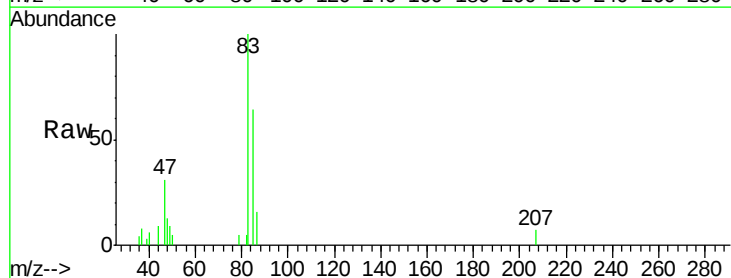


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

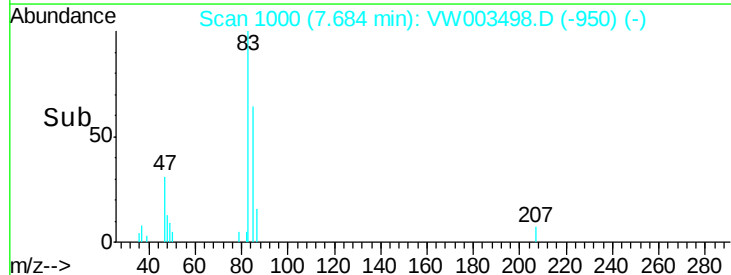
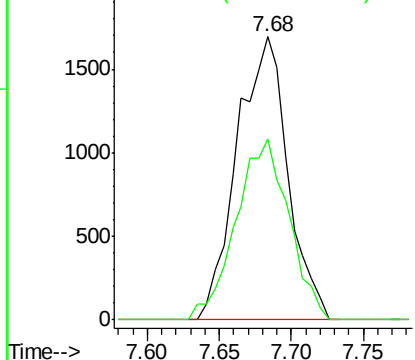


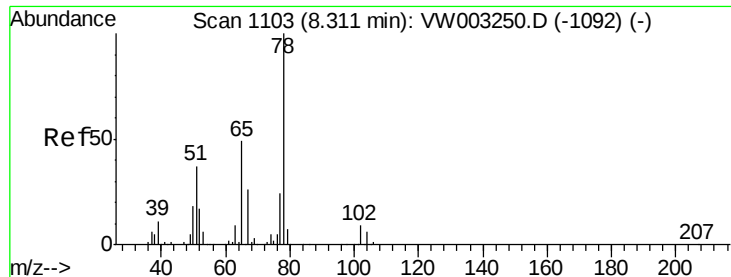
#30
Chloroform
Concen: 1.40 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VW003498.D
Acq: 24 Jun 2018 09:14

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



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#33

1,2-Dichloroethane-d4

Concen: 63.44 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 :

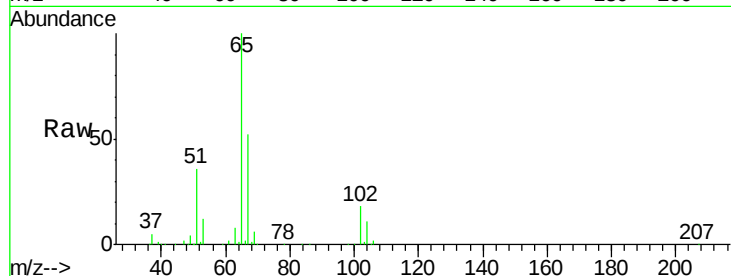
WP021SB484-17-19-180620

Tot Ion: 65 Resp: 106698

Ion Ratio Lower Upper

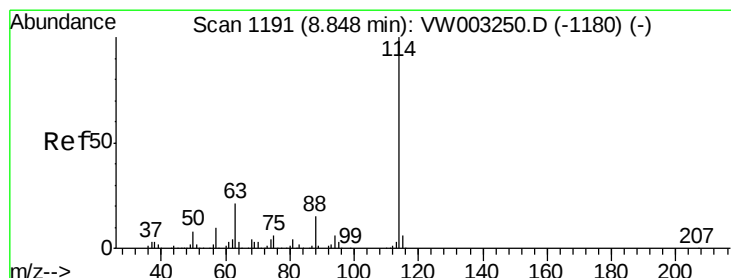
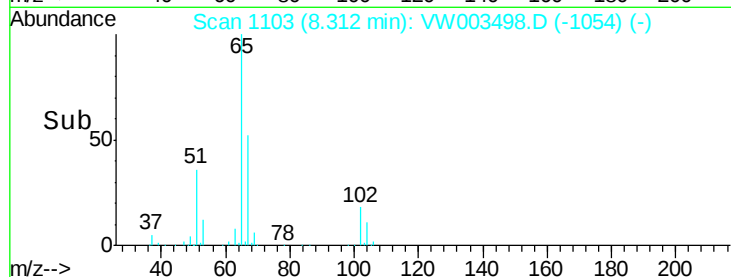
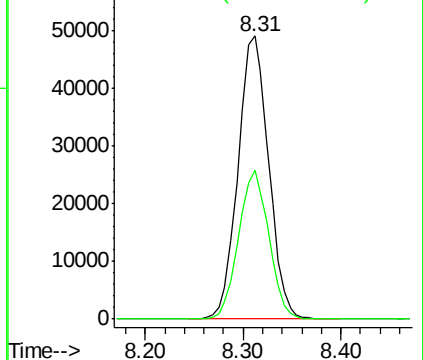
65 100

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: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003498.D

Acq: 24 Jun 2018 09:14

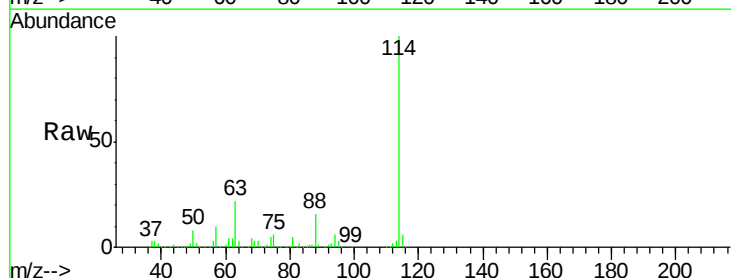
Tgt Ion: 114 Resp: 264062

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.0

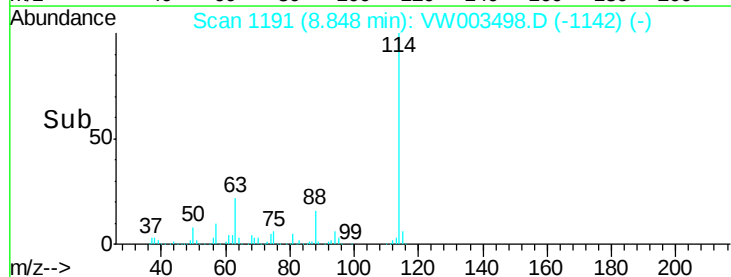
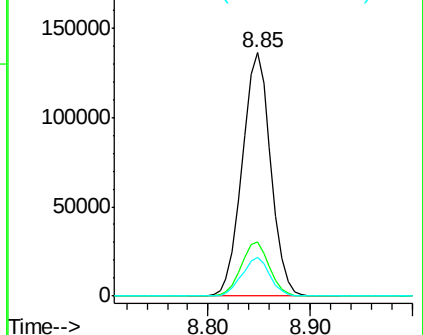
88 16.0 0.0 29.6

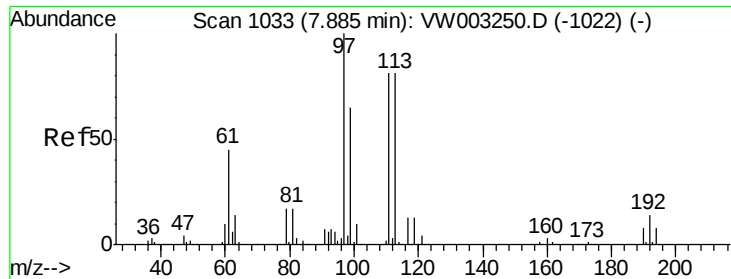


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

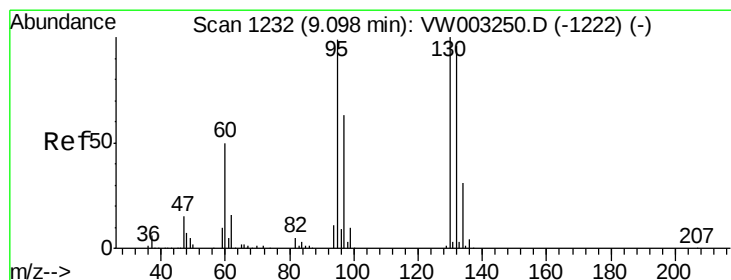
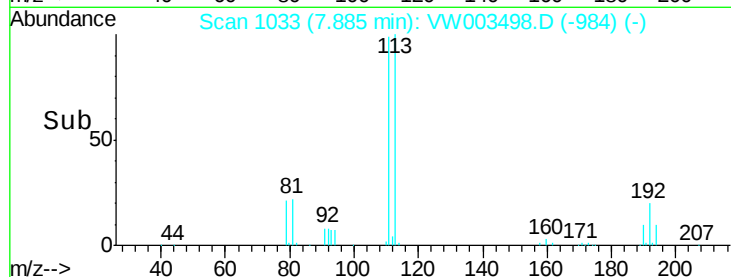
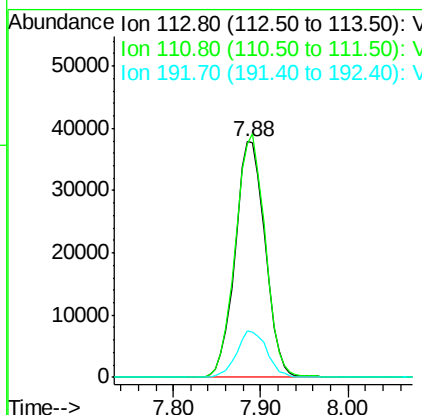
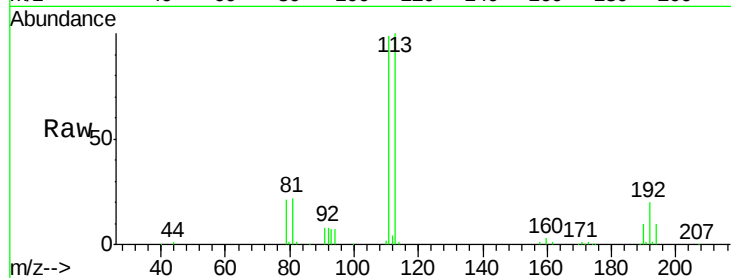




#35
Dibromofluoromethane
Concen: 55.25 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003498.D
Acq: 24 Jun 2018 09:14

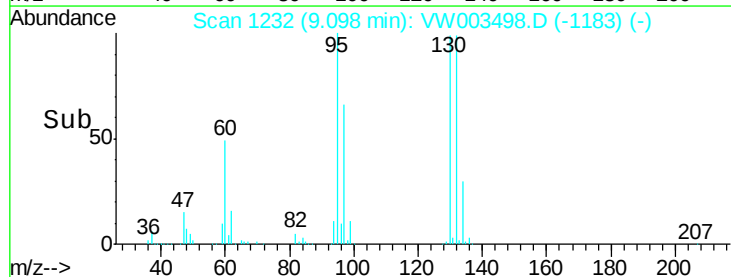
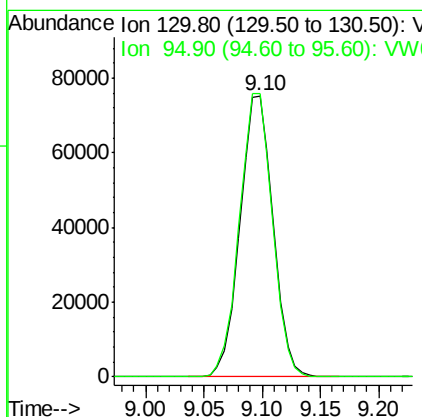
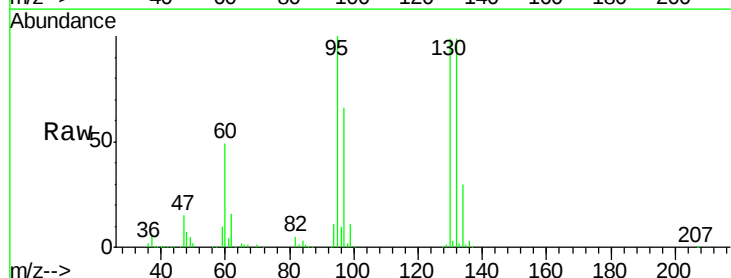
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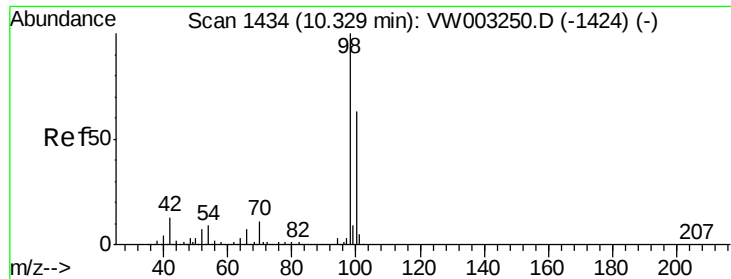
Tot Ion:113 Resp: 90657
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 19.8 16.2 24.2



#44
Trichloroethene
Concen: 79.83 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





#50

Toluene-d8

Concen: 48.20 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 :

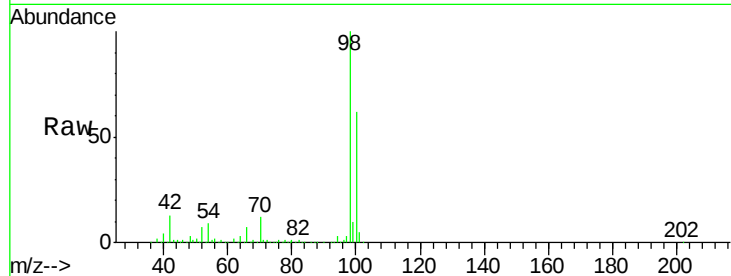
WP021SB484-17-19-180620

Tot Ion: 98 Resp: 313590

Ion Ratio Lower Upper

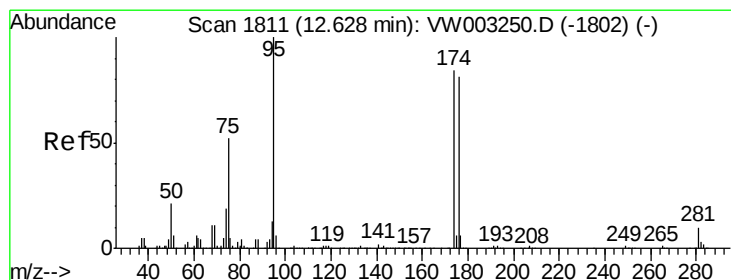
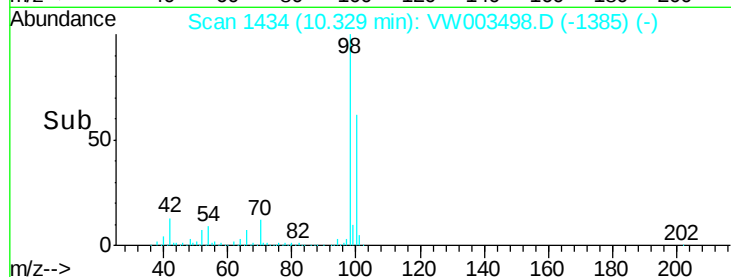
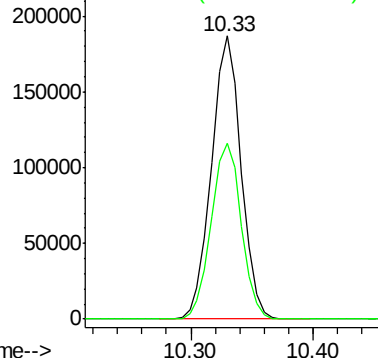
98 100

100 63.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 48.98 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003498.D

Acq: 24 Jun 2018 09:14

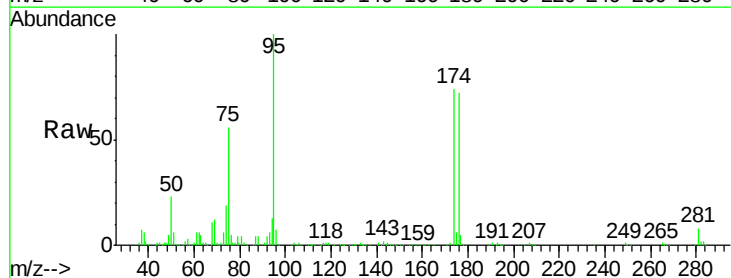
Tgt Ion: 95 Resp: 112773

Ion Ratio Lower Upper

95 100

174 81.0 0.0 166.4

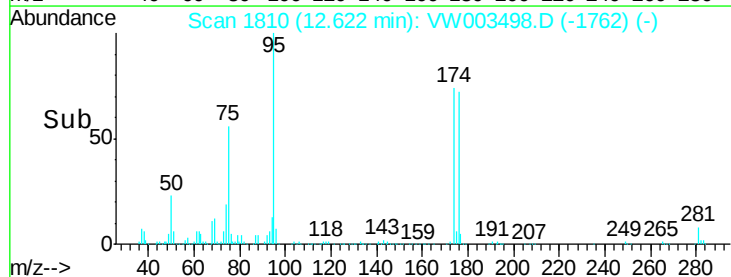
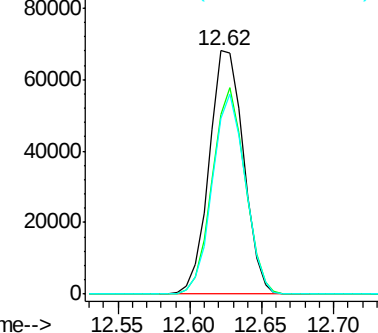
176 78.4 0.0 162.0

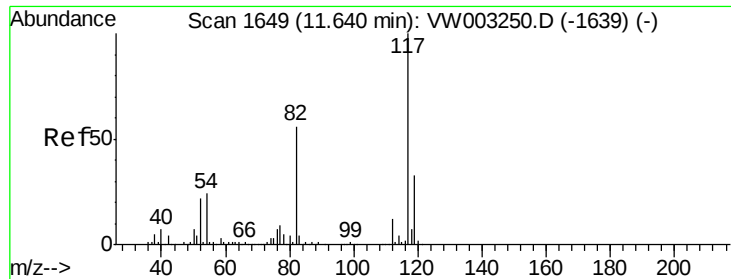


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

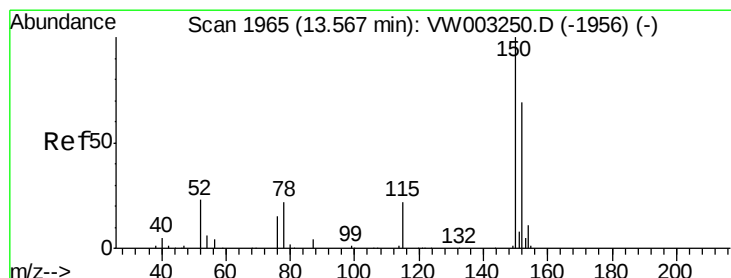
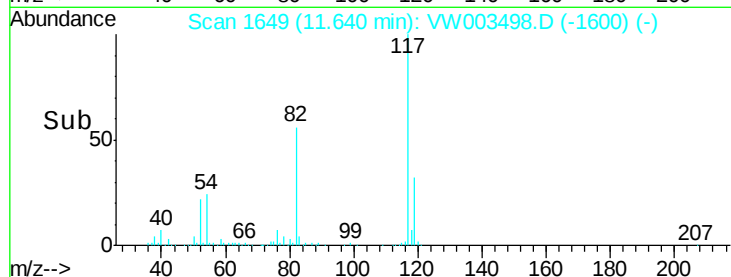
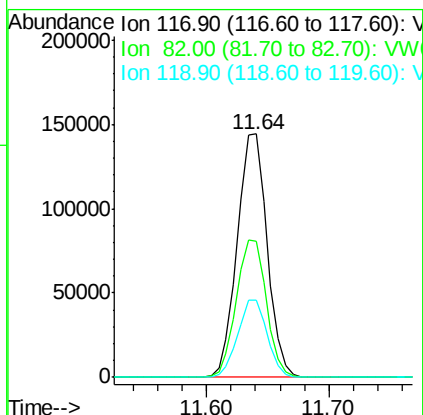
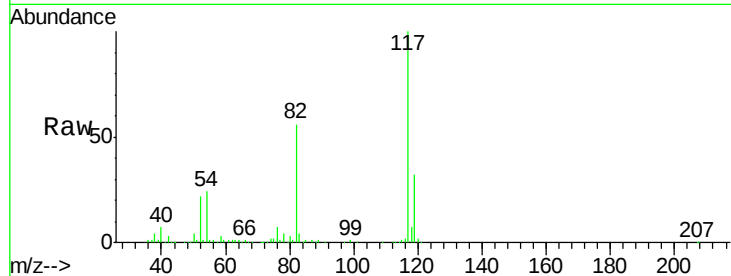




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003498.D
Acq: 24 Jun 2018 09:14

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Tot 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: 50.00 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

