

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003584.D
 Acq On : 26 Jun 2018 22:48
 Operator : SY/AP
 Sample : J3684-07
 Misc : 6.27G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S

Quant Time: Jun 27 07:55:22 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	146361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	246875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	204008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	72038	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	288	0.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.36%	
35) Dibromofluoromethane	7.87	113	123	0.08	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	0.16%	
50) Toluene-d8	10.34	98	1079	0.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.36%	
62) 4-Bromofluorobenzene	12.62	95	714	0.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.66%	

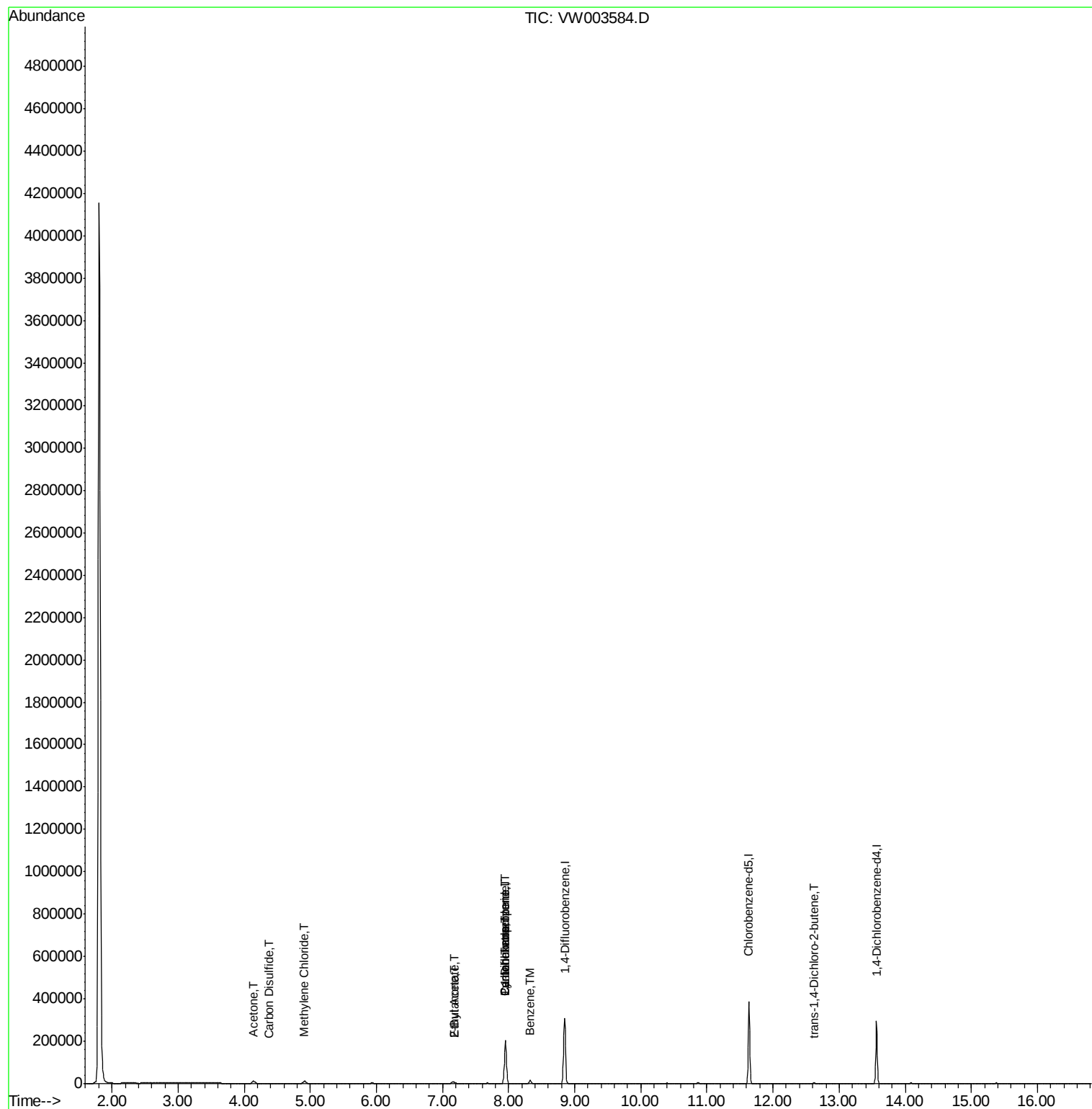
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	23127	69.557	ug/l	98
17) Carbon Disulfide	4.37	76	4238	1.082	ug/l #	91
20) Methylene Chloride	4.92	84	8676	2.668	ug/l	96
25) 2-Butanone	7.18	43	3974	9.612	ug/l	92
31) Cyclohexane	7.95	56	3807	1.486	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	12400	5.201	ug/l #	50
37) Ethyl Acetate	7.18	43	3974	4.023	ug/l #	69
38) Carbon Tetrachloride	7.95	117	15029	6.426	ug/l #	18
40) Benzene	8.33	78	14655	2.230	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	393	1.468	ug/l #	8

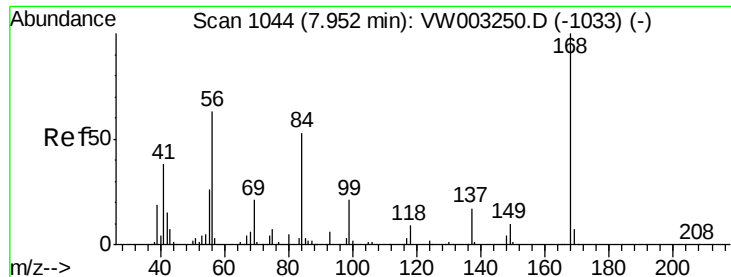
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
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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: VW003584.D

Acq: 26 Jun 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

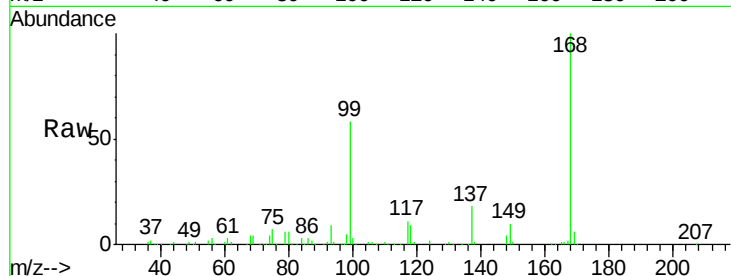
TP-2-S

Tgt Ion:168 Resp: 146361

Ion Ratio Lower Upper

168 100

99 57.6 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

60000

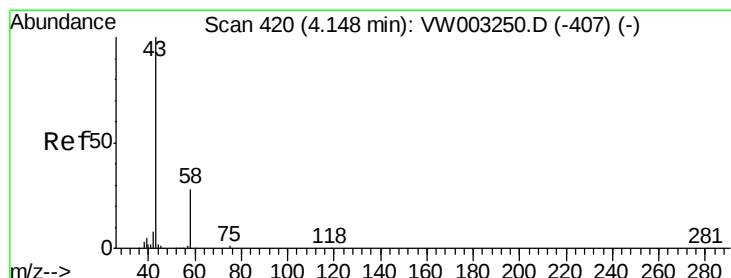
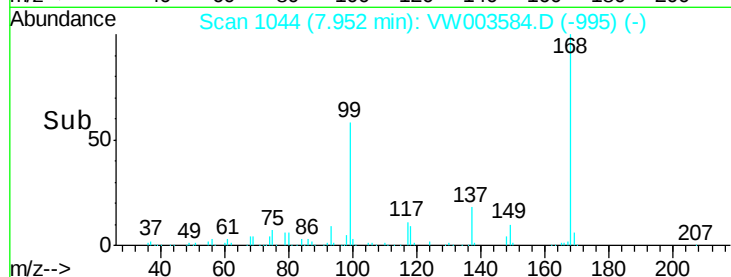
40000

20000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 69.557 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003584.D

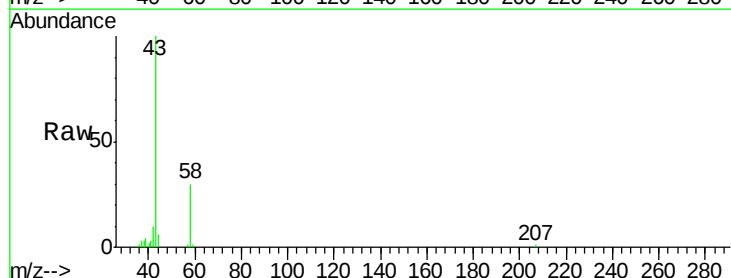
Acq: 26 Jun 2018 22:48

Tgt Ion: 43 Resp: 23127

Ion Ratio Lower Upper

43 100

58 29.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

6000

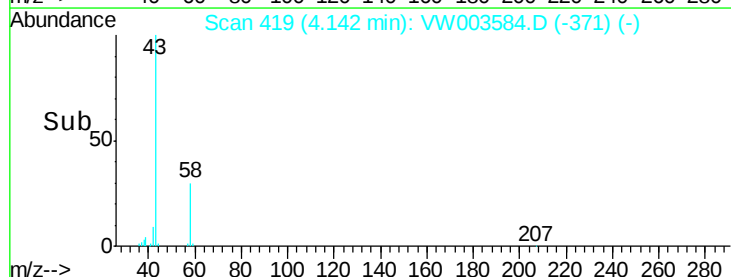
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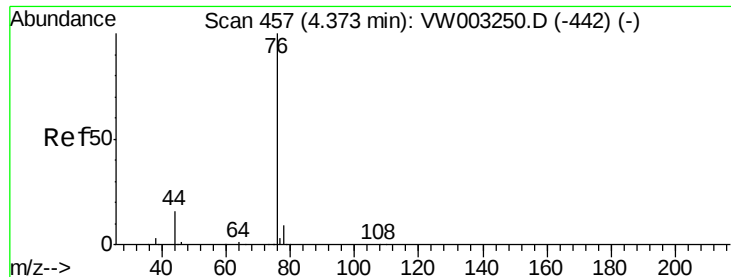
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0

Time-->

4.00 4.10 4.20 4.30

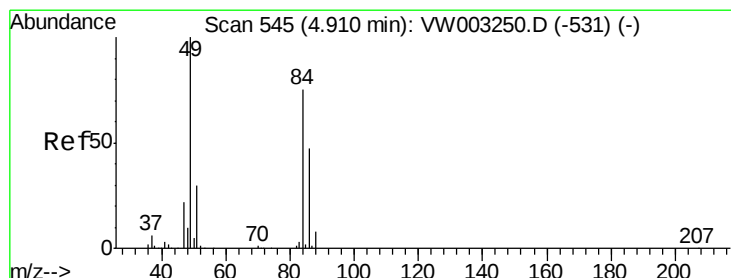
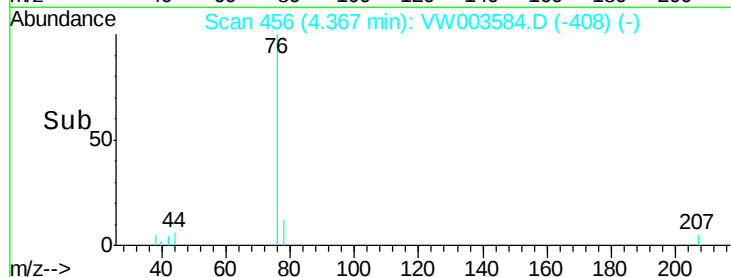
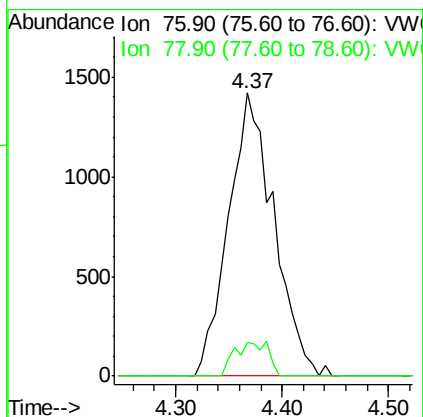
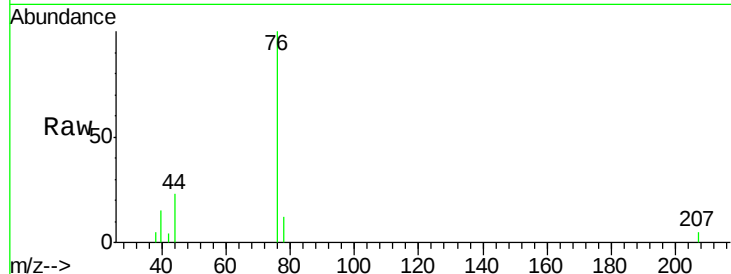




#17
Carbon Disulfide
Concen: 1.082 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003584.D
Acq: 26 Jun 2018 22:48

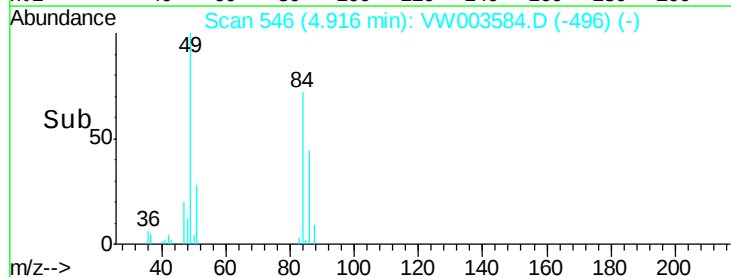
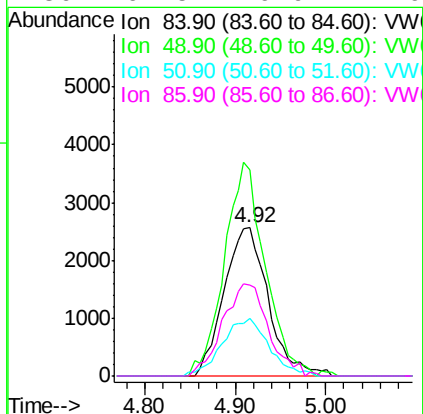
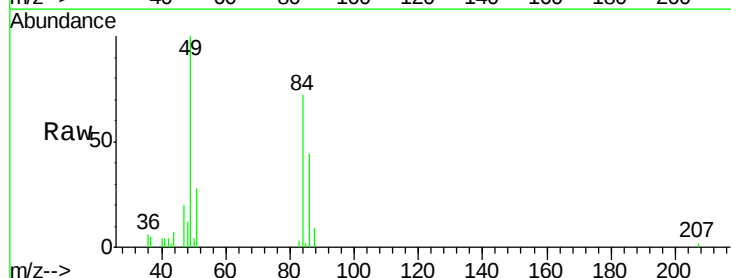
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S

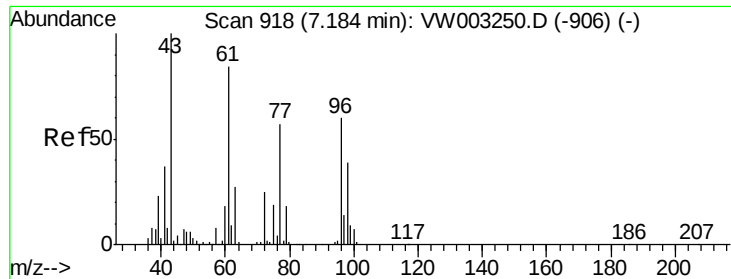
Tgt Ion: 76 Resp: 4238
Ion Ratio Lower Upper
76 100
78 12.0 7.1 10.7#



#20
Methylene Chloride
Concen: 2.668 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003584.D
Acq: 26 Jun 2018 22:48

Tgt Ion: 84 Resp: 8676
Ion Ratio Lower Upper
84 100
49 139.2 106.3 159.5
51 38.7 32.0 48.0
86 61.5 49.9 74.9





#25

2-Butanone

Concen: 9.612 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003584.D

Acq: 26 Jun 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

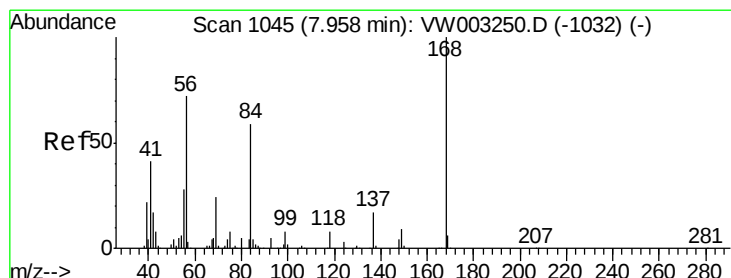
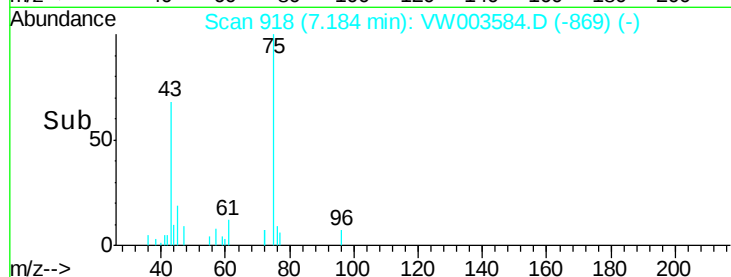
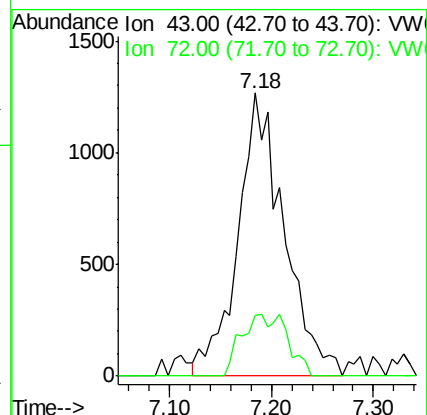
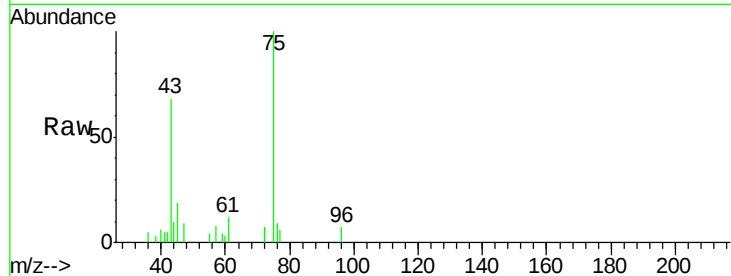
TP-2-S

Tgt Ion: 43 Resp: 3974

Ion Ratio Lower Upper

43 100

72 21.4 20.3 30.5



#31

Cyclohexane

Concen: 1.486 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003584.D

Acq: 26 Jun 2018 22:48

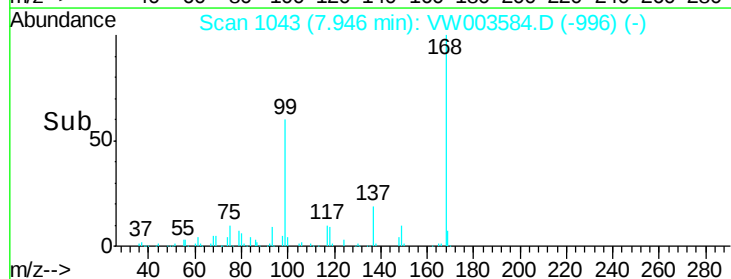
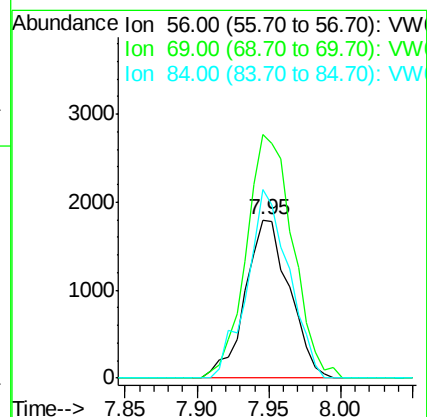
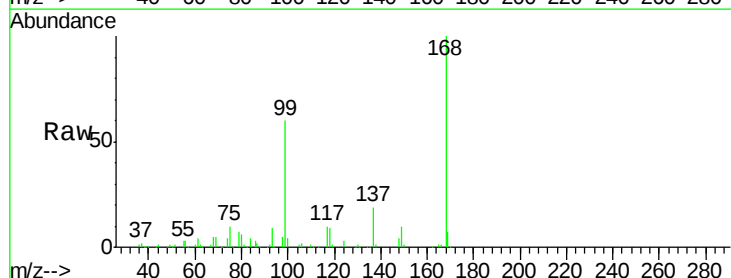
Tgt Ion: 56 Resp: 3807

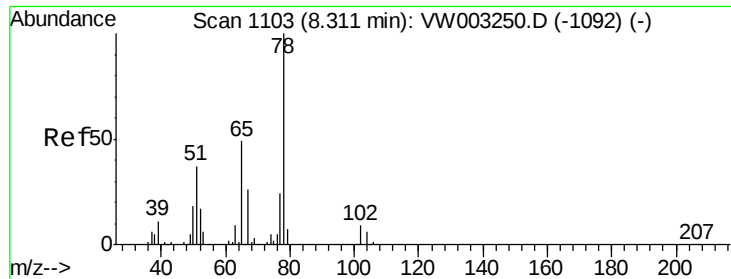
Ion Ratio Lower Upper

56 100

69 153.8 26.3 39.5#

84 118.7 65.7 98.5#

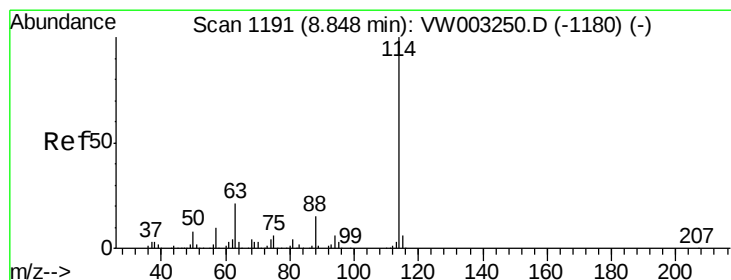
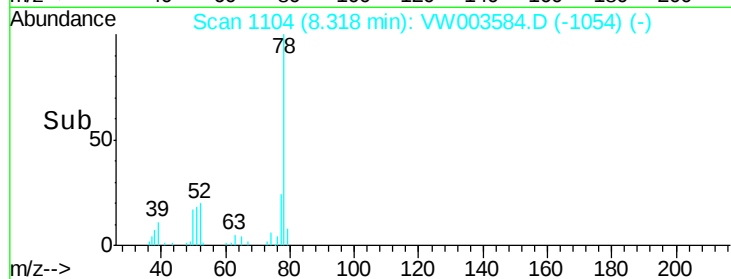
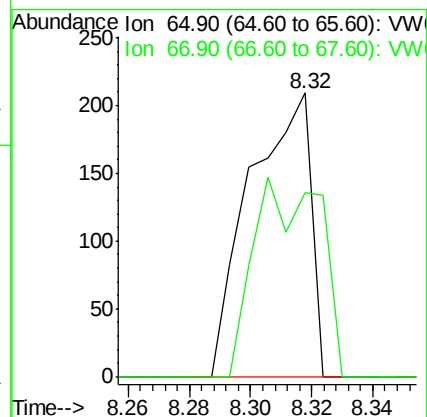
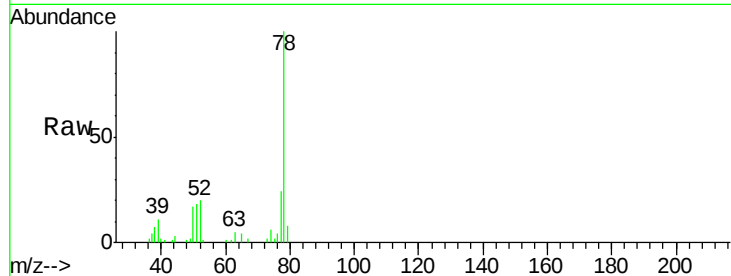




#33
 1,2-Dichloroethane-d4
 Concen: 0.182 ug/l
 RT: 8.32 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: VW003584.D
 Acq: 26 Jun 2018 22:48

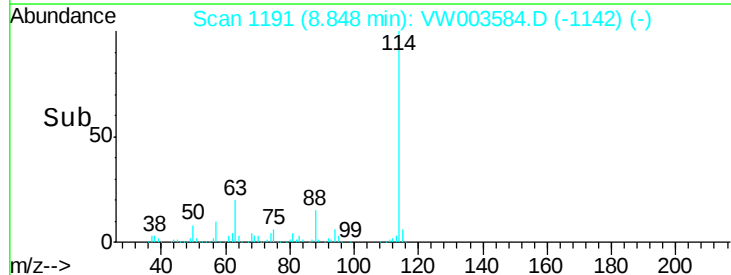
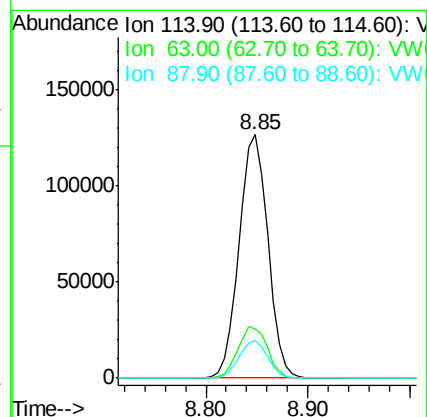
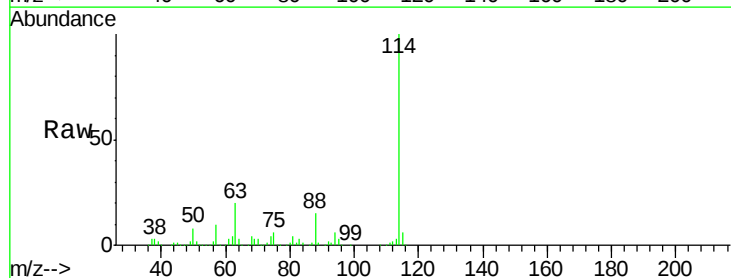
Instrument :
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 TP-2-S

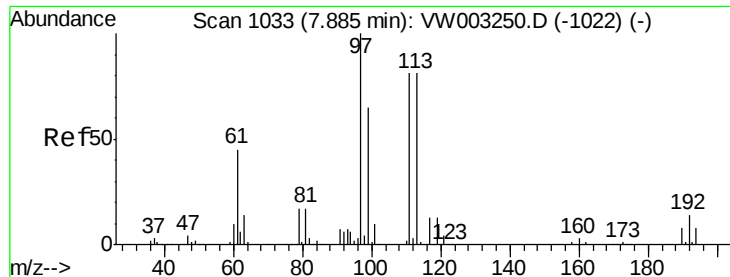
Tgt Ion: 65 Resp: 288
 Ion Ratio Lower Upper
 65 100
 67 76.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003584.D
 Acq: 26 Jun 2018 22:48

Tgt Ion: 114 Resp: 246875
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.0
 88 15.4 0.0 29.6

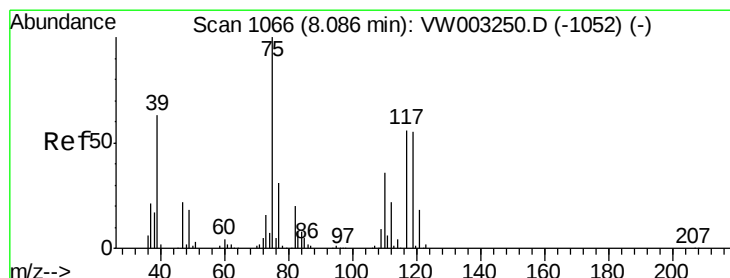
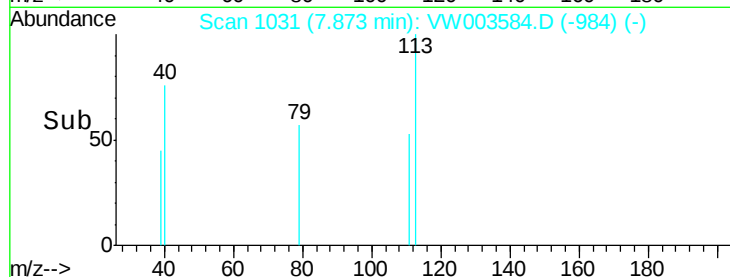
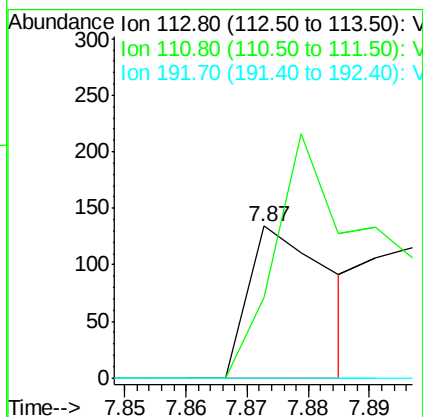
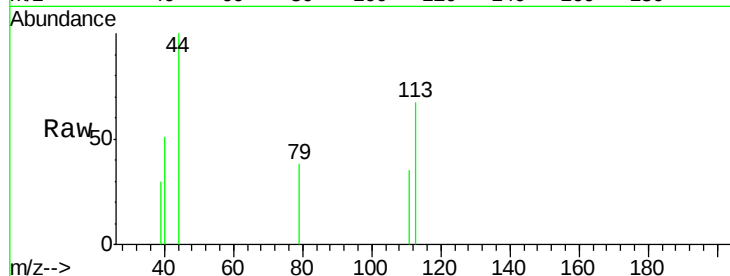




#35
 Dibromofluoromethane
 Concen: 0.080 ug/l
 RT: 7.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: VW003584.D
 Acq: 26 Jun 2018 22:48

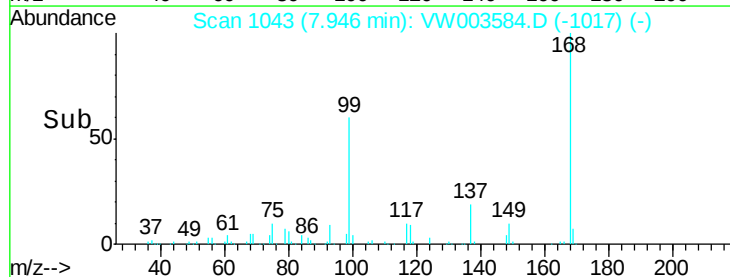
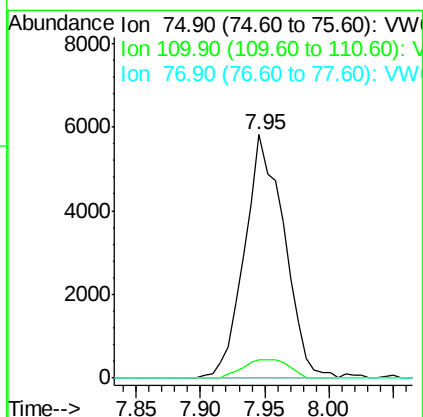
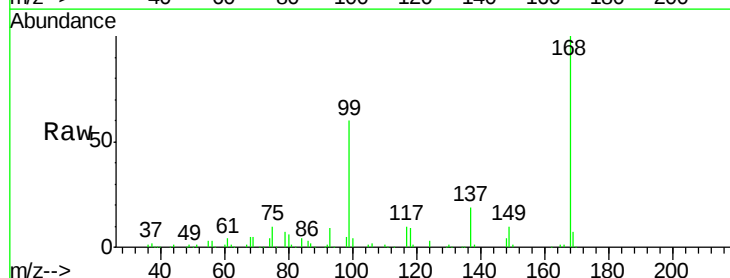
Instrument :
 MSVOA_W
 ClientSampled :
 TP-2-S

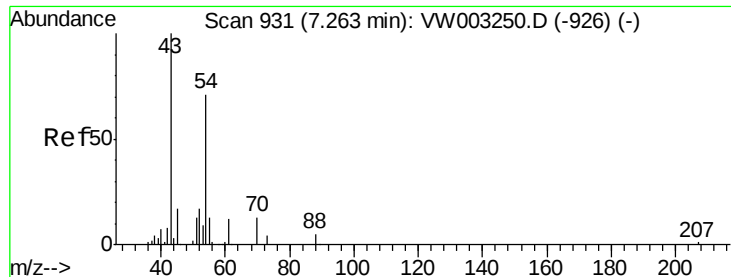
Tgt Ion: 113 Resp: 123
 Ion Ratio Lower Upper
 113 100
 111 210.6 82.2 123.2#
 192 0.0 16.2 24.2#



#36
 1,1-Dichloropropene
 Concen: 5.201 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.14 min
 Lab File: VW003584.D
 Acq: 26 Jun 2018 22:48

Tgt Ion: 75 Resp: 12400
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.1 51.3#
 77 0.0 24.9 37.3#

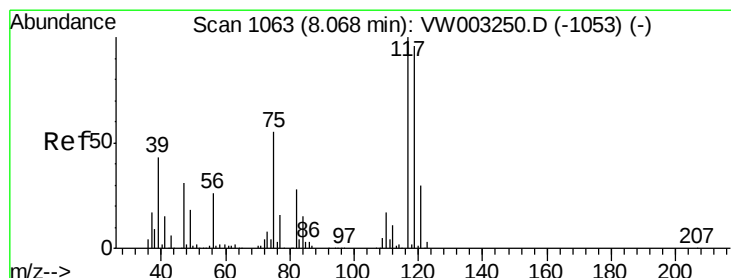
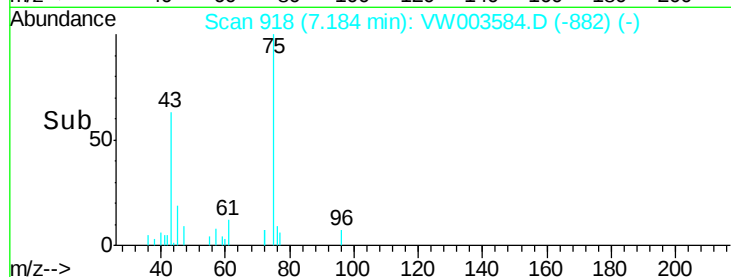
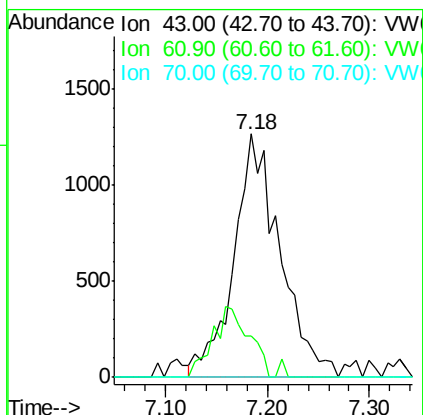
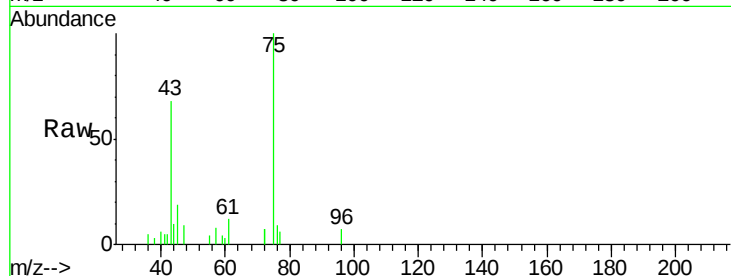




#37
Ethyl Acetate
Concen: 4.023 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.08 min
Lab File: VW003584.D
Acq: 26 Jun 2018 22:48

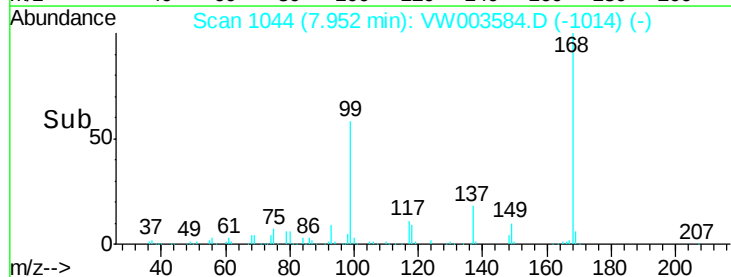
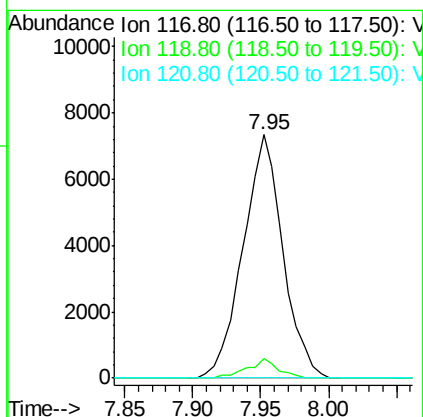
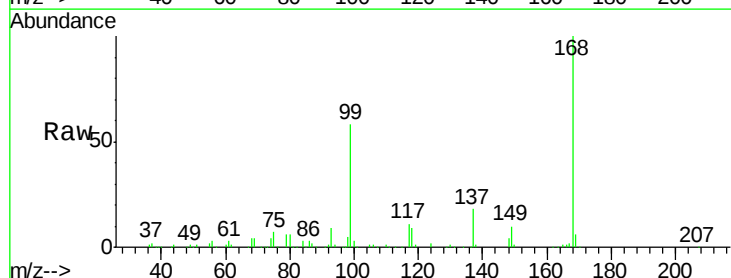
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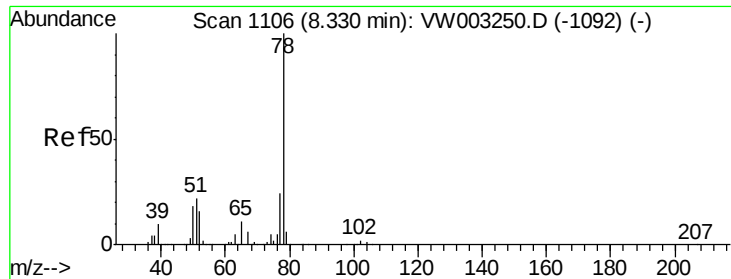
Tgt Ion: 43 Resp: 3974
Ion Ratio Lower Upper
43 100
61 0.0 10.8 16.2#
70 0.0 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 6.426 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003584.D
Acq: 26 Jun 2018 22:48

Tgt Ion: 117 Resp: 15029
Ion Ratio Lower Upper
117 100
119 8.1 76.6 115.0#
121 0.0 23.9 35.9#





#40

Benzene

Concen: 2.230 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW003584.D

Acq: 26 Jun 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

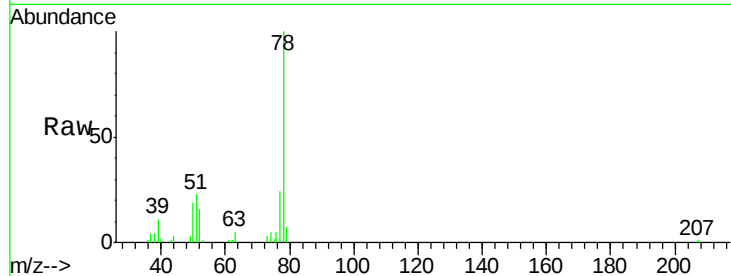
TP-2-S

Tgt Ion: 78 Resp: 14655

Ion Ratio Lower Upper

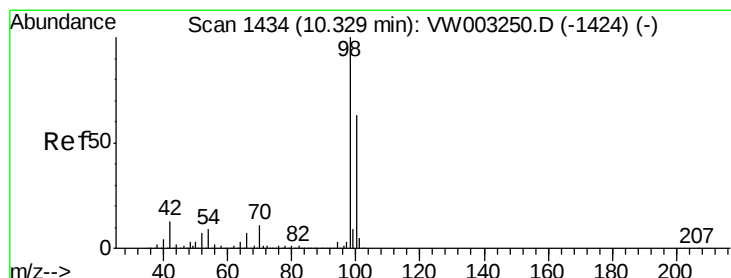
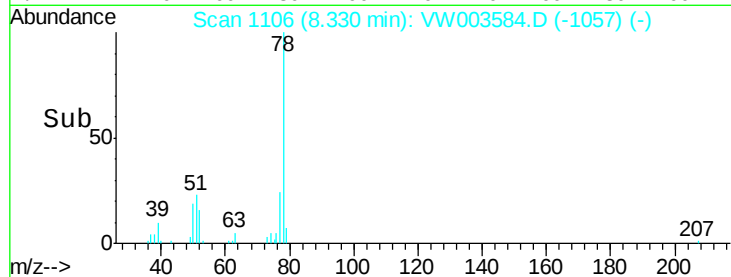
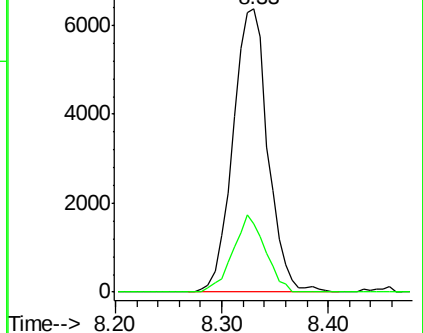
78 100

77 24.0 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#50

Toluene-d8

Concen: 0.177 ug/l

RT: 10.34 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW003584.D

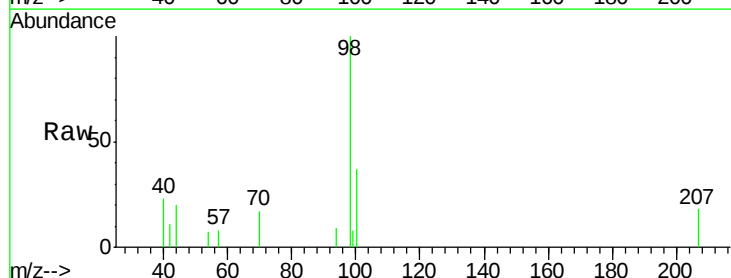
Acq: 26 Jun 2018 22:48

Tgt Ion: 98 Resp: 1079

Ion Ratio Lower Upper

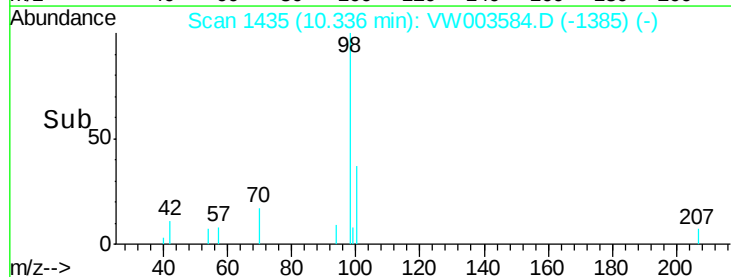
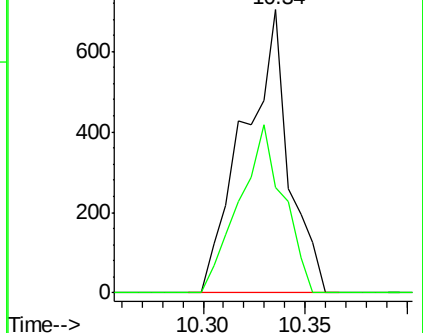
98 100

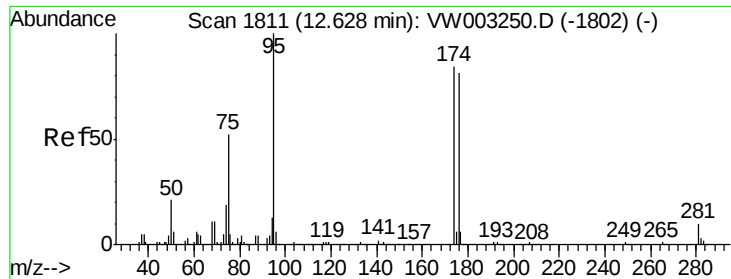
100 58.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 0.332 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003584.D

Acq: 26 Jun 2018 22:48

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TP-2-S

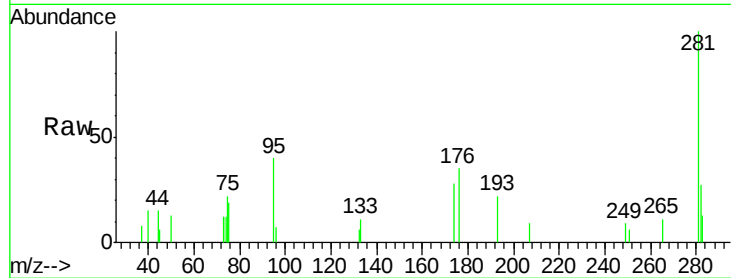
Tgt Ion: 95 Resp: 714

Ion Ratio Lower Upper

95 100

174 63.4 0.0 166.4

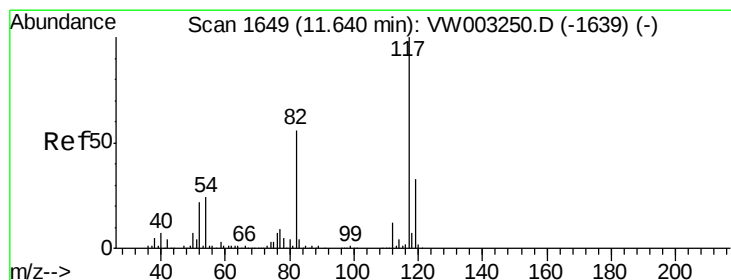
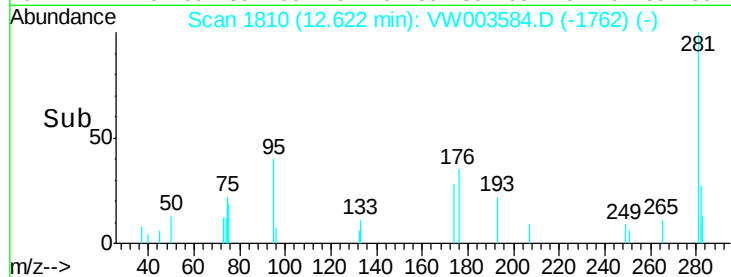
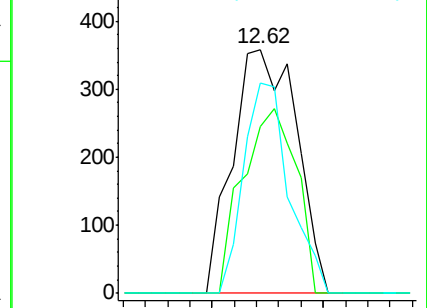
176 61.8 0.0 162.0



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: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003584.D

Acq: 26 Jun 2018 22:48

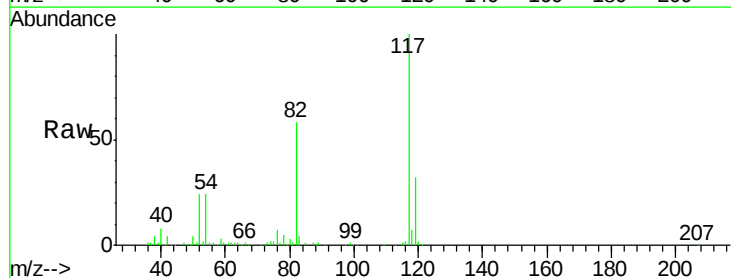
Tgt Ion: 117 Resp: 204008

Ion Ratio Lower Upper

117 100

82 58.3 44.6 67.0

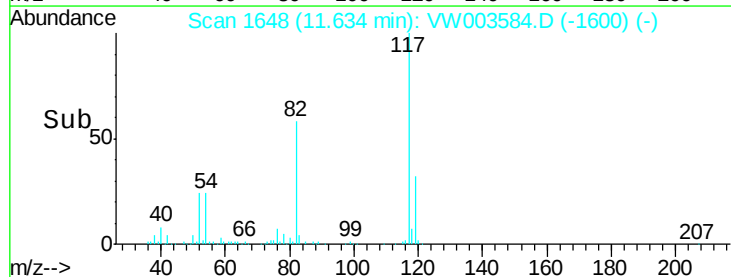
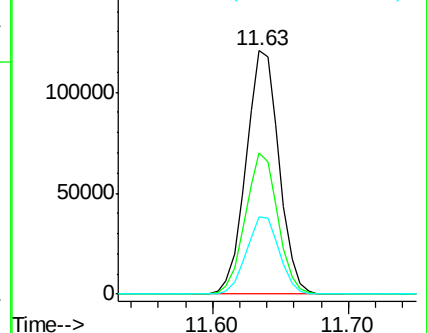
119 31.9 26.7 40.1

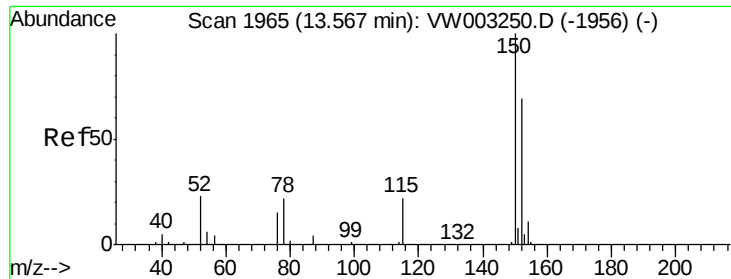


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW003584.D

Acq: 26 Jun 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

TP-2-S

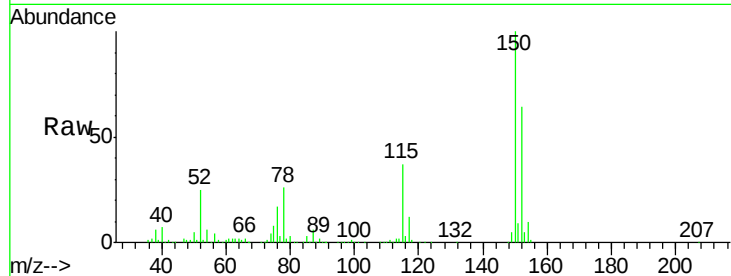
Tgt Ion:152 Resp: 72038

Ion Ratio Lower Upper

152 100

115 60.3 29.3 88.0

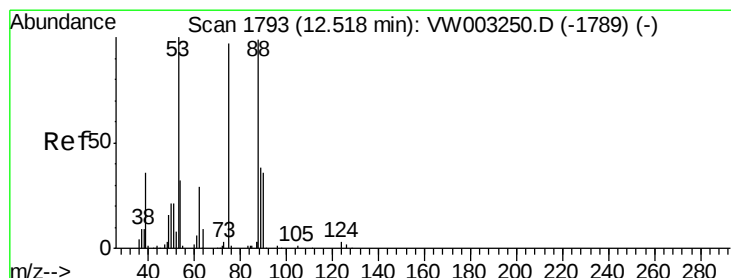
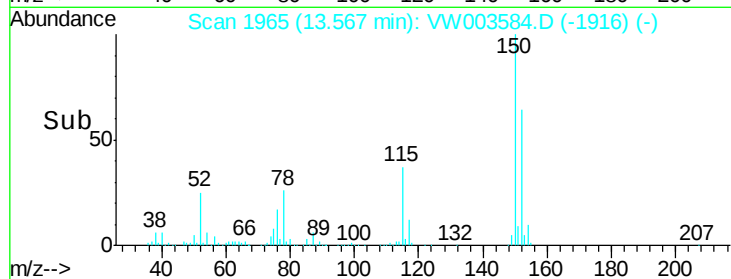
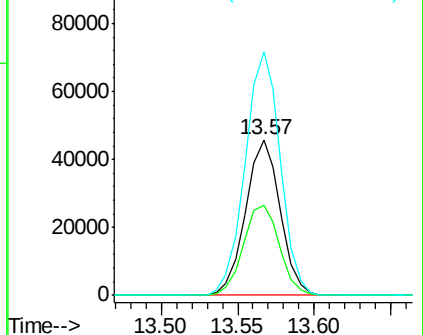
150 158.6 0.0 349.6



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



#81

trans-1,4-Dichloro-2-butene

Concen: 1.468 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003584.D

Acq: 26 Jun 2018 22:48

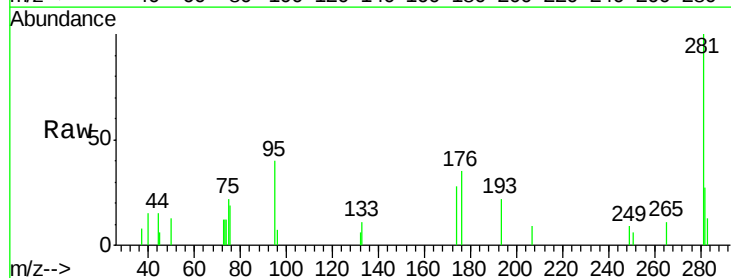
Tgt Ion: 75 Resp: 393

Ion Ratio Lower Upper

75 100

53 0.0 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

