

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003473.D
 Acq On : 23 Jun 2018 20:46
 Operator : SY/AP
 Sample : J3664-16
 Misc : 6.30G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-27-29-180619

Quant Time: Jun 25 04:18:03 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	247052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	415253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	182166	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	103762	38.78	ug/l	0.00
Spiked Amount			Recovery	=	77.56%	
35) Dibromofluoromethane	7.89	113	94220	36.52	ug/l	0.00
Spiked Amount			Recovery	=	73.04%	
50) Toluene-d8	10.33	98	359874	35.17	ug/l	0.00
Spiked Amount			Recovery	=	70.34%	
62) 4-Bromofluorobenzene	12.63	95	139627	38.56	ug/l	0.00
Spiked Amount			Recovery	=	77.12%	

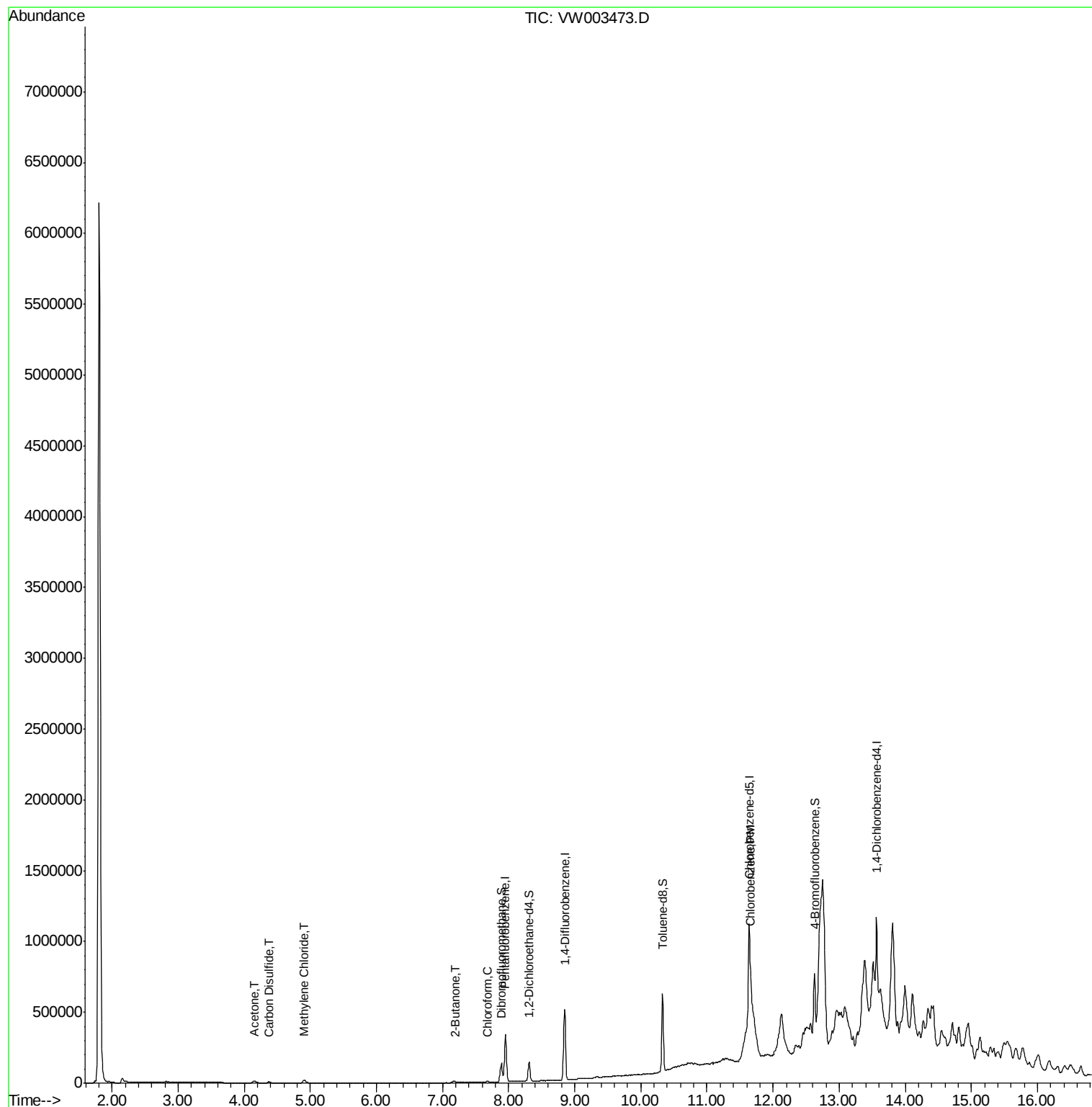
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	31747	56.57	ug/l	93
17) Carbon Disulfide	4.37	76	19308	2.92	ug/l	# 95
20) Methylene Chloride	4.91	84	14682	2.68	ug/l	93
25) 2-Butanone	7.20	43	7320	10.49	ug/l	99
30) Chloroform	7.68	83	6106	1.29	ug/l	87
65) Chlorobenzene	11.66	112	161567	20.90	ug/l	98

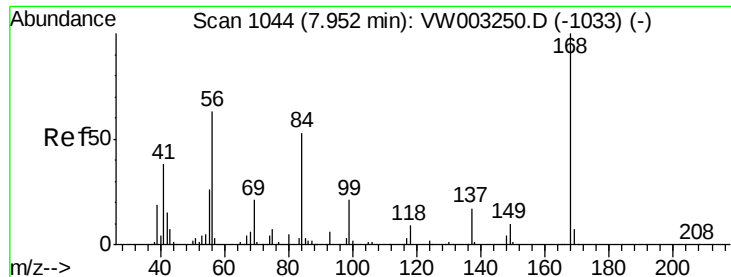
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VW003473.D

Acq: 23 Jun 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

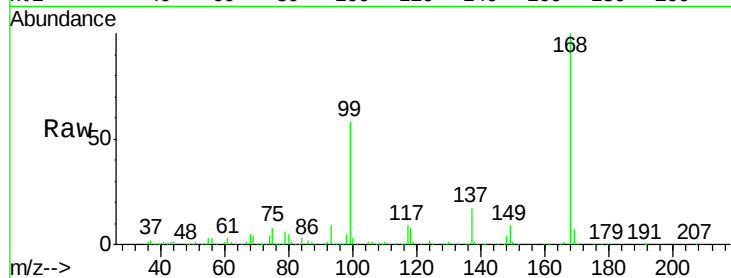
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Tot Ion:168 Resp: 247052

Ion Ratio Lower Upper

168 100

99 58.0 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

120000

100000

80000

60000

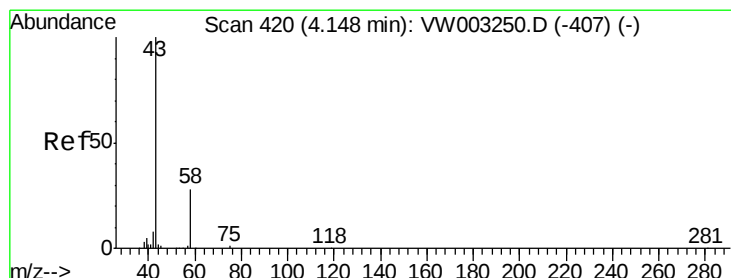
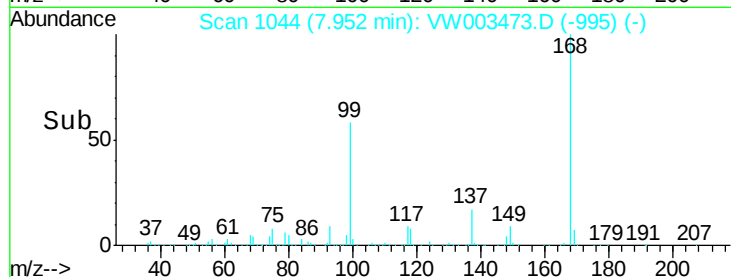
40000

20000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 56.57 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003473.D

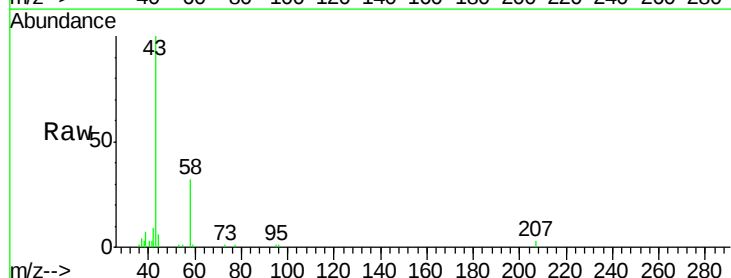
Acq: 23 Jun 2018 20:46

Tgt Ion: 43 Resp: 31747

Ion Ratio Lower Upper

43 100

58 32.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10000

8000

6000

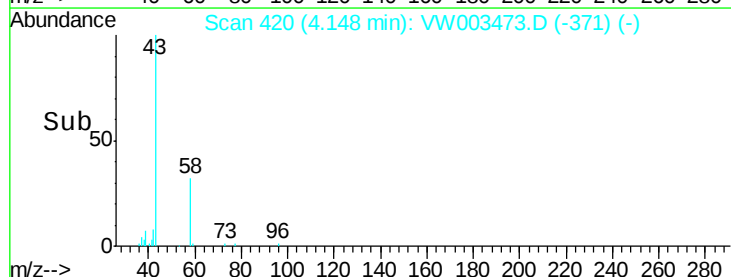
4000

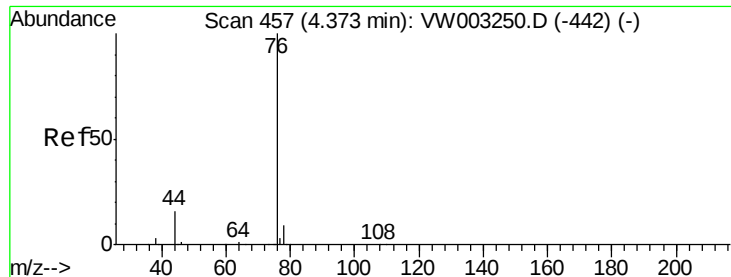
2000

0

Time-->

4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 2.92 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003473.D

Acq: 23 Jun 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

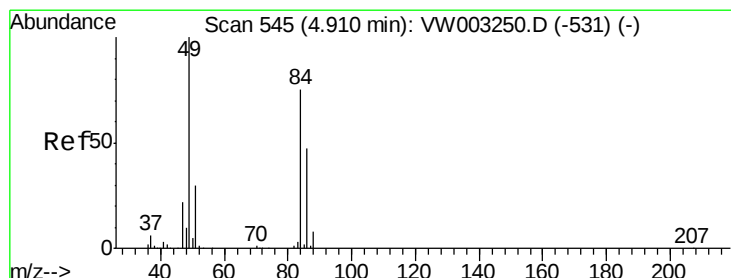
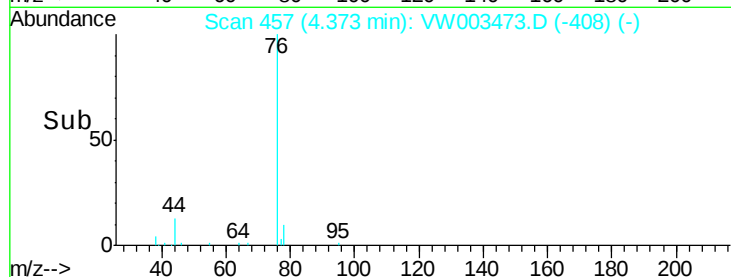
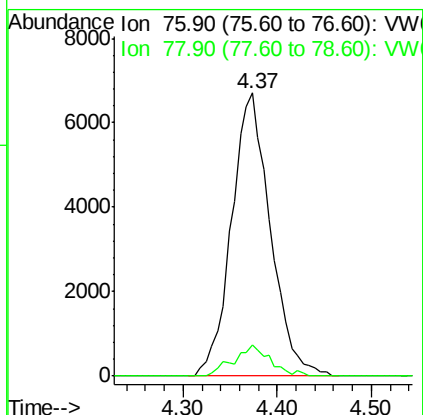
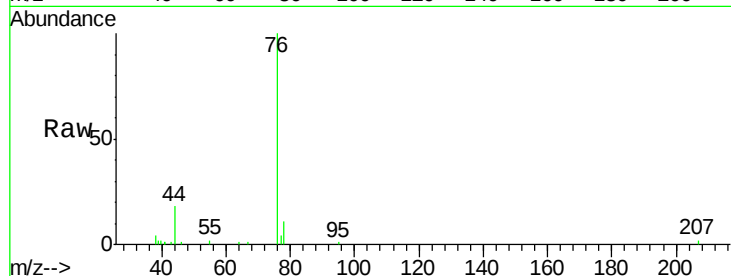
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Tot Ion: 76 Resp: 19308

Ion Ratio Lower Upper

76 100

78 10.8 7.1 10.7#



#20

Methylene Chloride

Concen: 2.68 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003473.D

Acq: 23 Jun 2018 20:46

Tgt Ion: 84 Resp: 14682

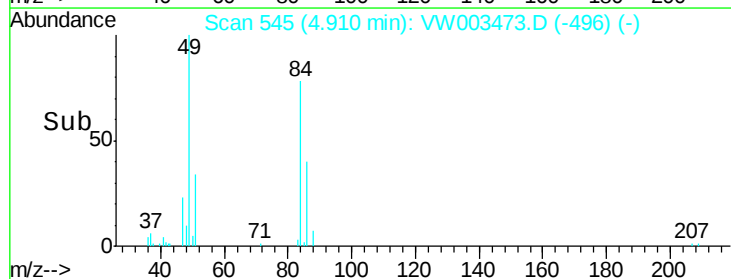
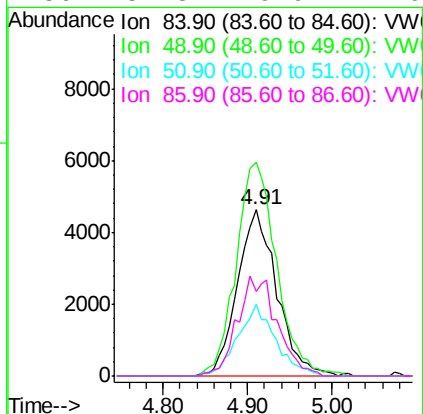
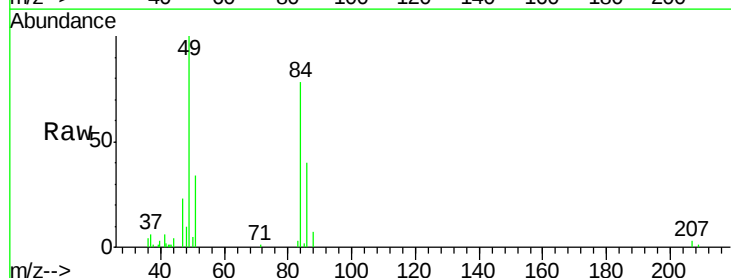
Ion Ratio Lower Upper

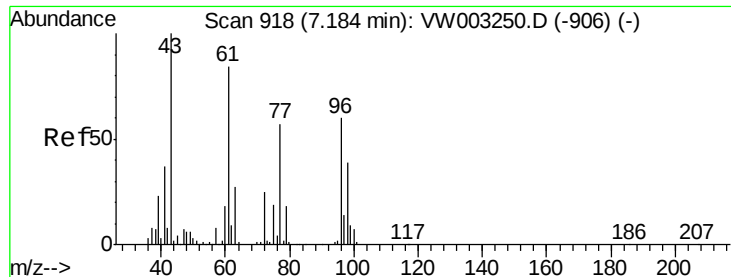
84 100

49 128.8 106.3 159.5

51 43.5 32.0 48.0

86 51.3 49.9 74.9





#25

2-Butanone

Concen: 10.49 ug/l

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW003473.D

Acq: 23 Jun 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

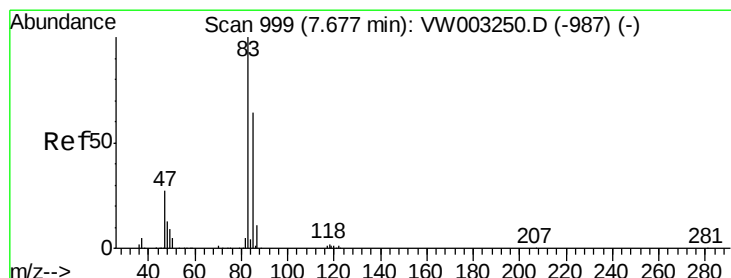
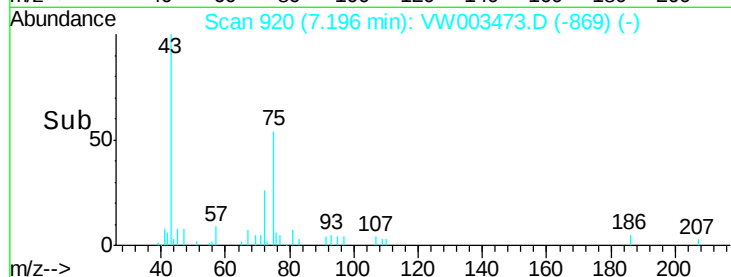
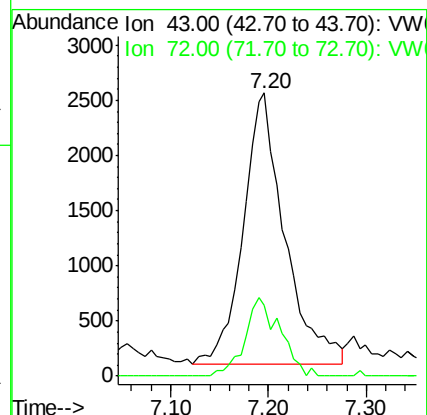
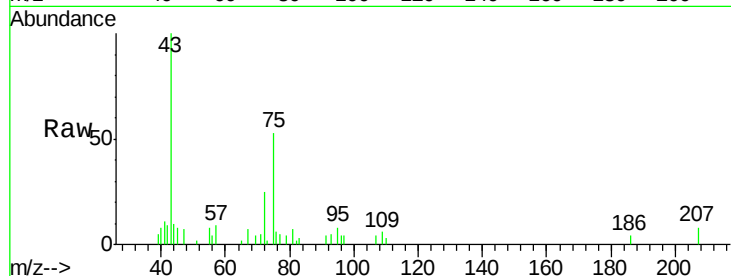
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Tot Ion: 43 Resp: 7320

Ion Ratio Lower Upper

43 100

72 26.1 20.3 30.5



#30

Chloroform

Concen: 1.29 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VW003473.D

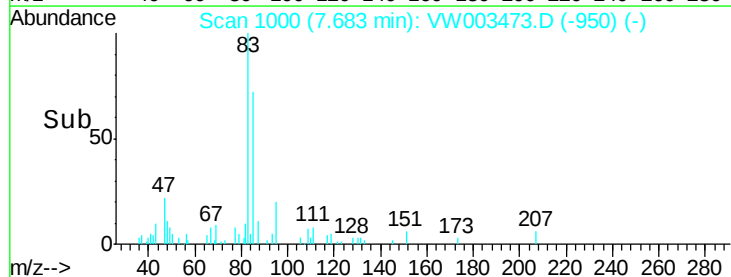
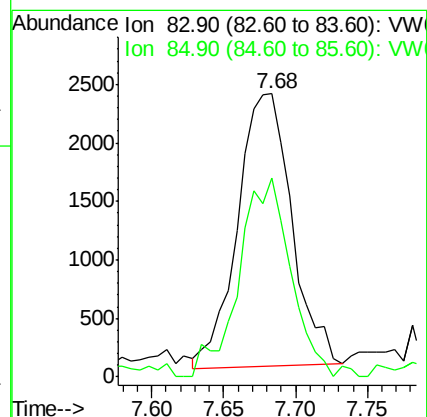
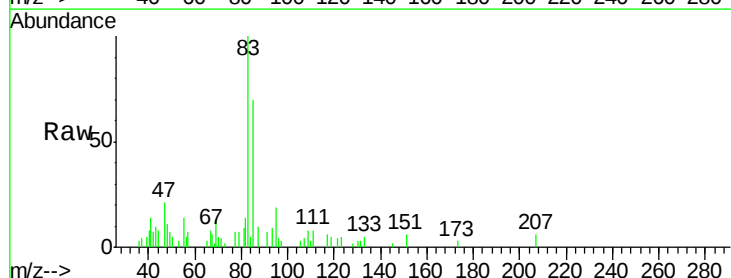
Acq: 23 Jun 2018 20:46

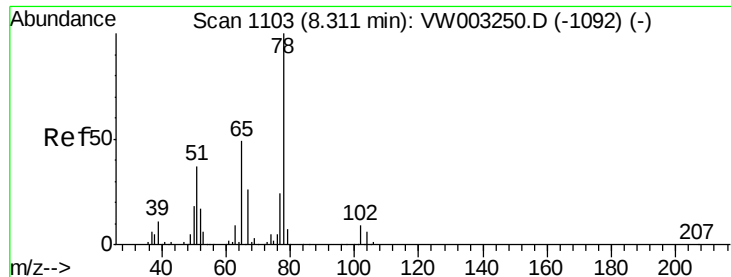
Tgt Ion: 83 Resp: 6106

Ion Ratio Lower Upper

83 100

85 74.1 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 38.78 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003473.D

Acq: 23 Jun 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

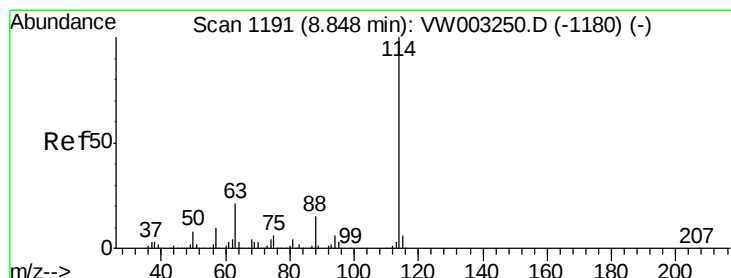
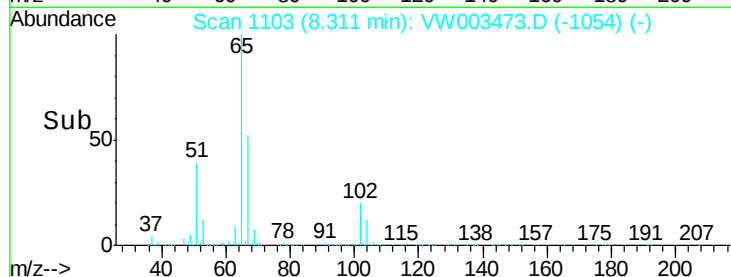
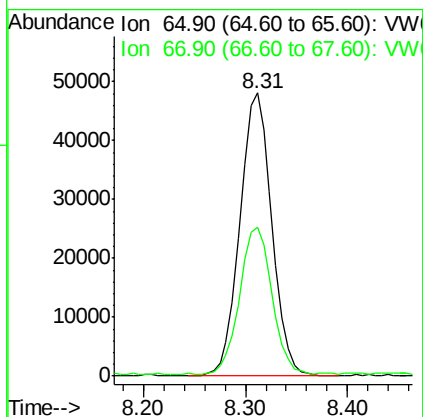
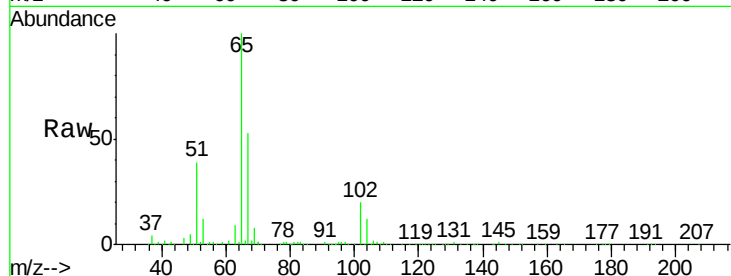
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Tot Ion: 65 Resp: 103762

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003473.D

Acq: 23 Jun 2018 20:46

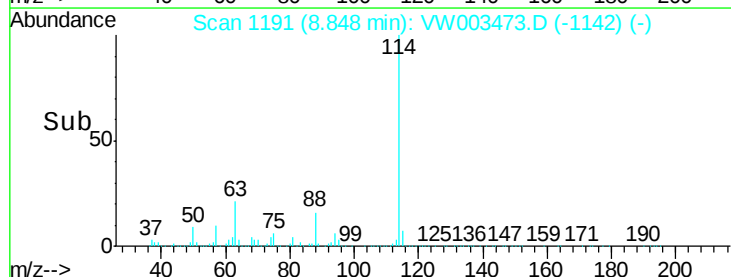
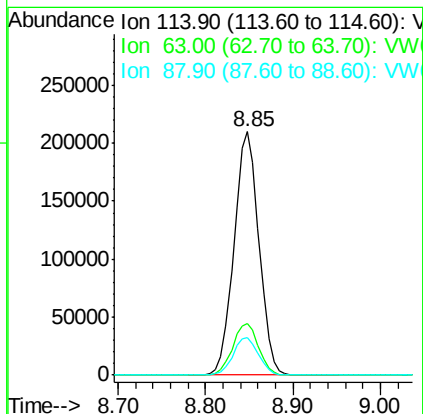
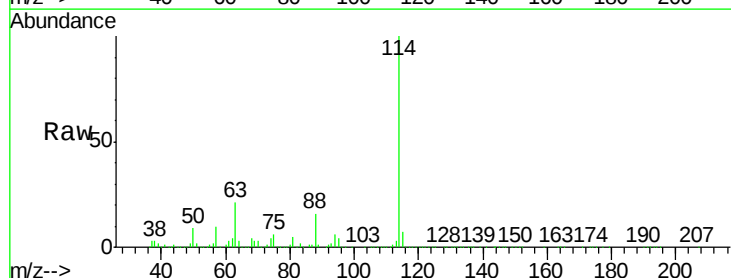
Tgt Ion: 114 Resp: 415253

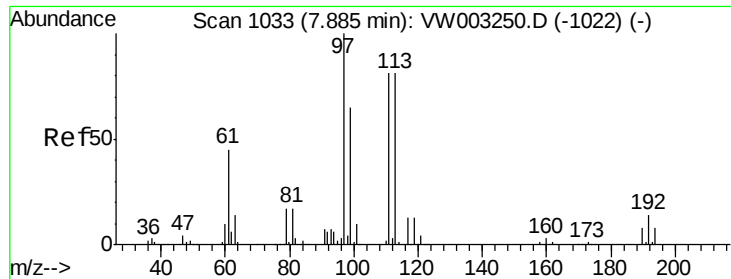
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.0

88 15.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 36.52 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003473.D

Acq: 23 Jun 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-27-29-180619

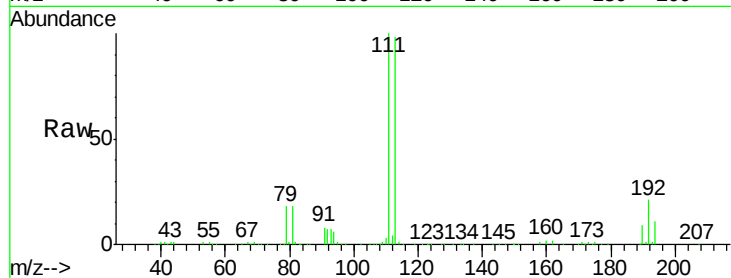
Tot Ion:113 Resp: 94220

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.2

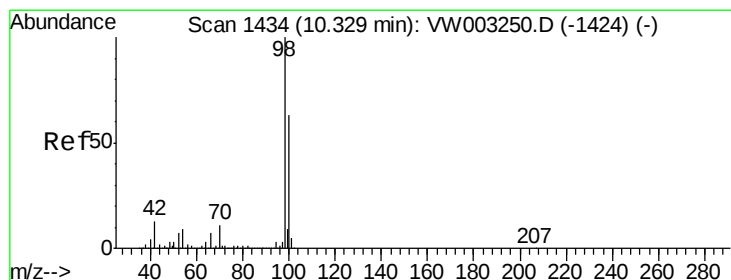
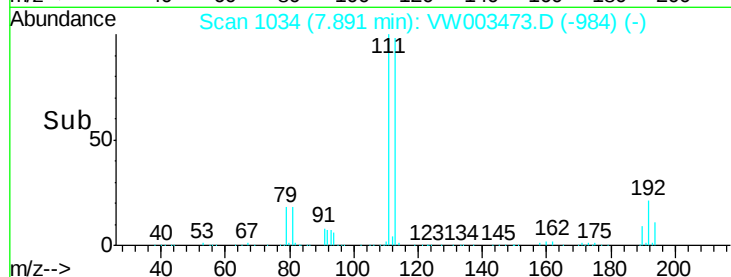
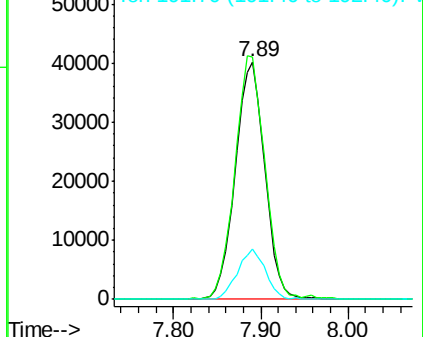
192 20.1 16.2 24.2



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



#50

Toluene-d8

Concen: 35.17 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003473.D

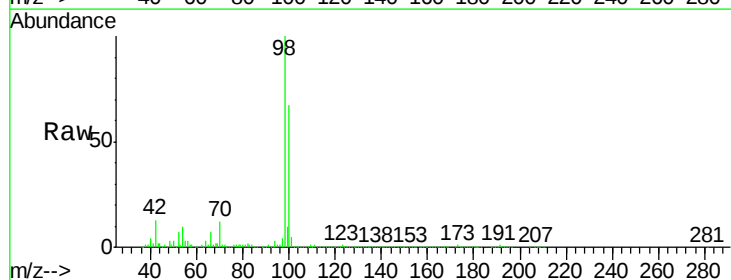
Acq: 23 Jun 2018 20:46

Tgt Ion: 98 Resp: 359874

Ion Ratio Lower Upper

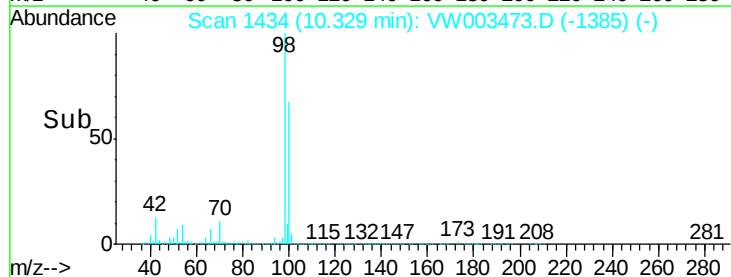
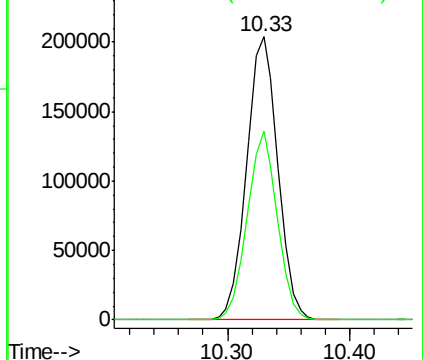
98 100

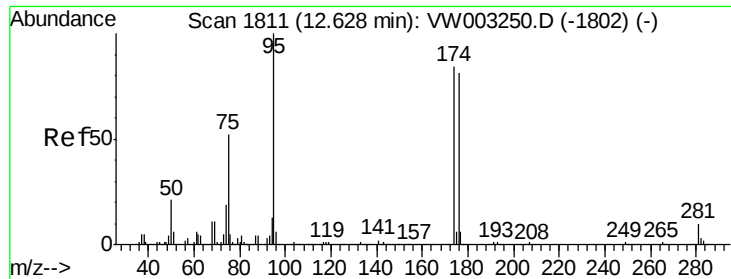
100 64.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

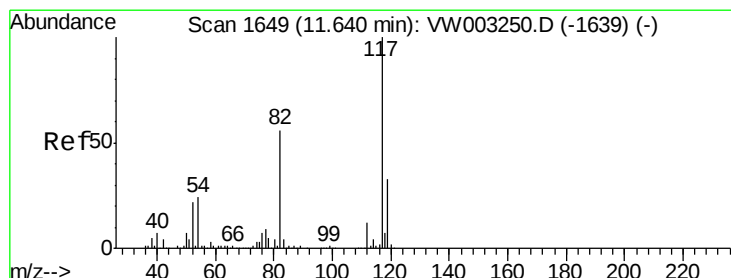
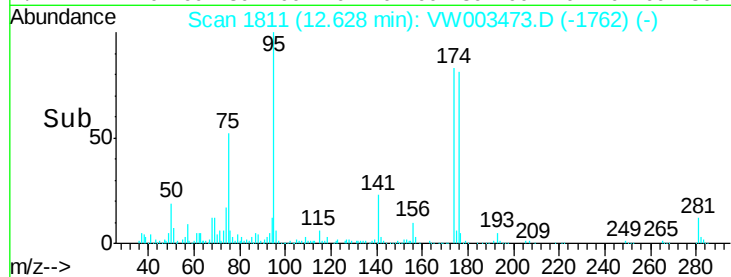
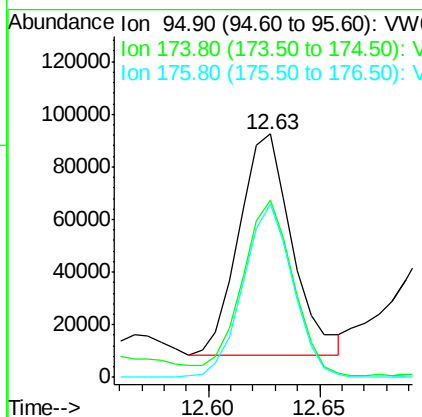
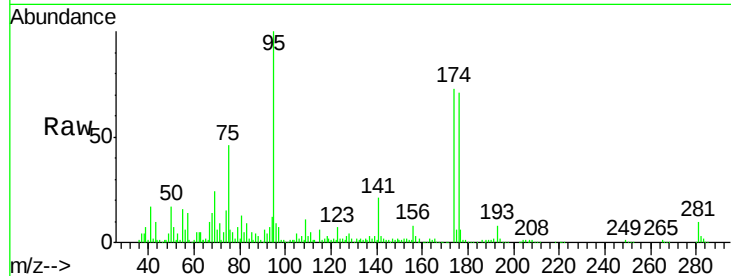




#62
4-Bromofluorobenzene
Concen: 38.56 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003473.D
Acq: 23 Jun 2018 20:46

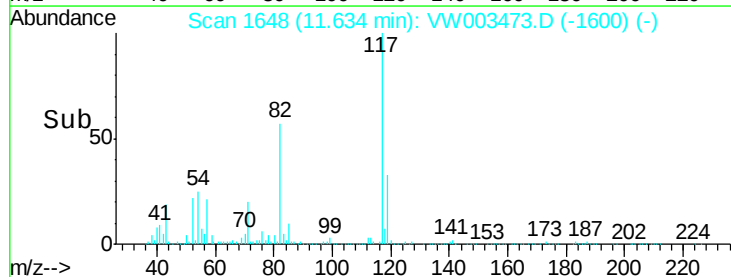
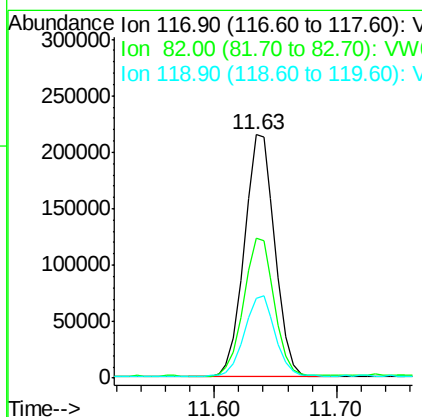
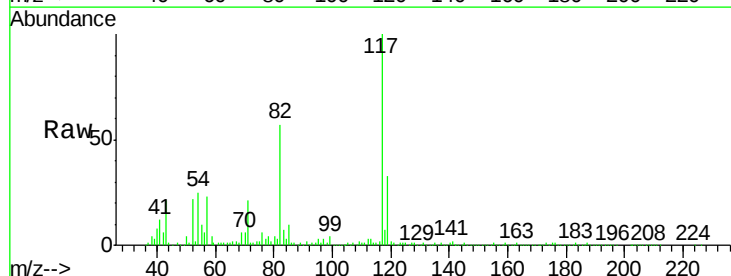
Instrument :
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WP021SB485-27-29-180619

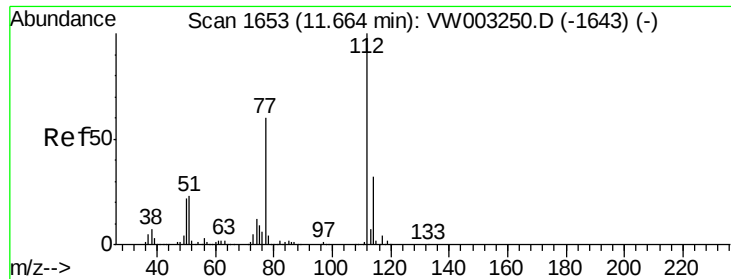
Tot Ion: 95 Resp: 139627
Ion Ratio Lower Upper
95 100
174 75.7 0.0 166.4
176 72.4 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003473.D
Acq: 23 Jun 2018 20:46

Tgt Ion: 117 Resp: 371290
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 32.3 26.7 40.1





#65

Chlorobenzene

Concen: 20.90 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW003473.D

Acq: 23 Jun 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

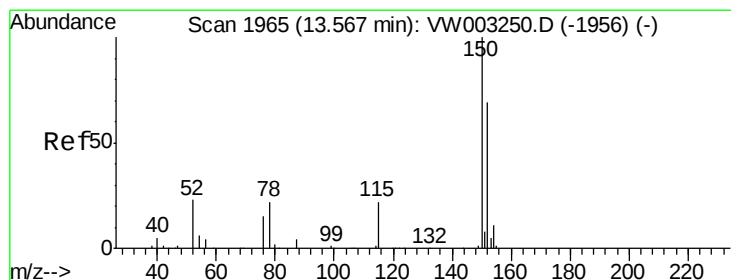
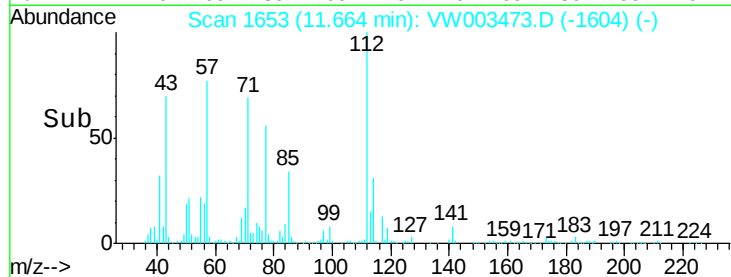
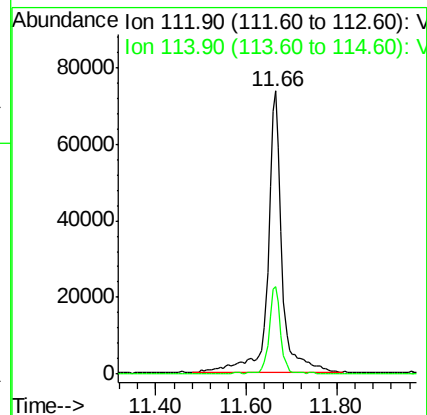
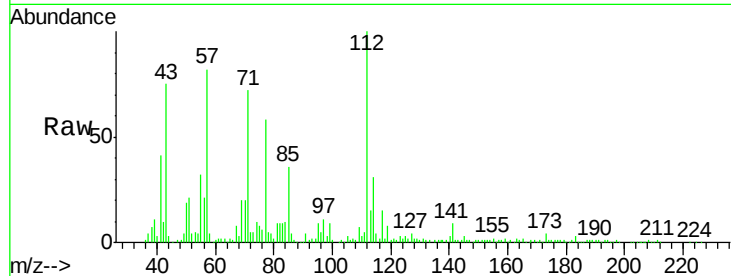
WP021SB485-27-29-180619

Tot Ion:112 Resp: 161567

Ion Ratio Lower Upper

112 100

114 31.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003473.D

Acq: 23 Jun 2018 20:46

Tgt Ion:152 Resp: 182166

Ion Ratio Lower Upper

152 100

115 64.4 29.3 88.0

150 151.4 0.0 349.6

