

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 08:03:45 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%	

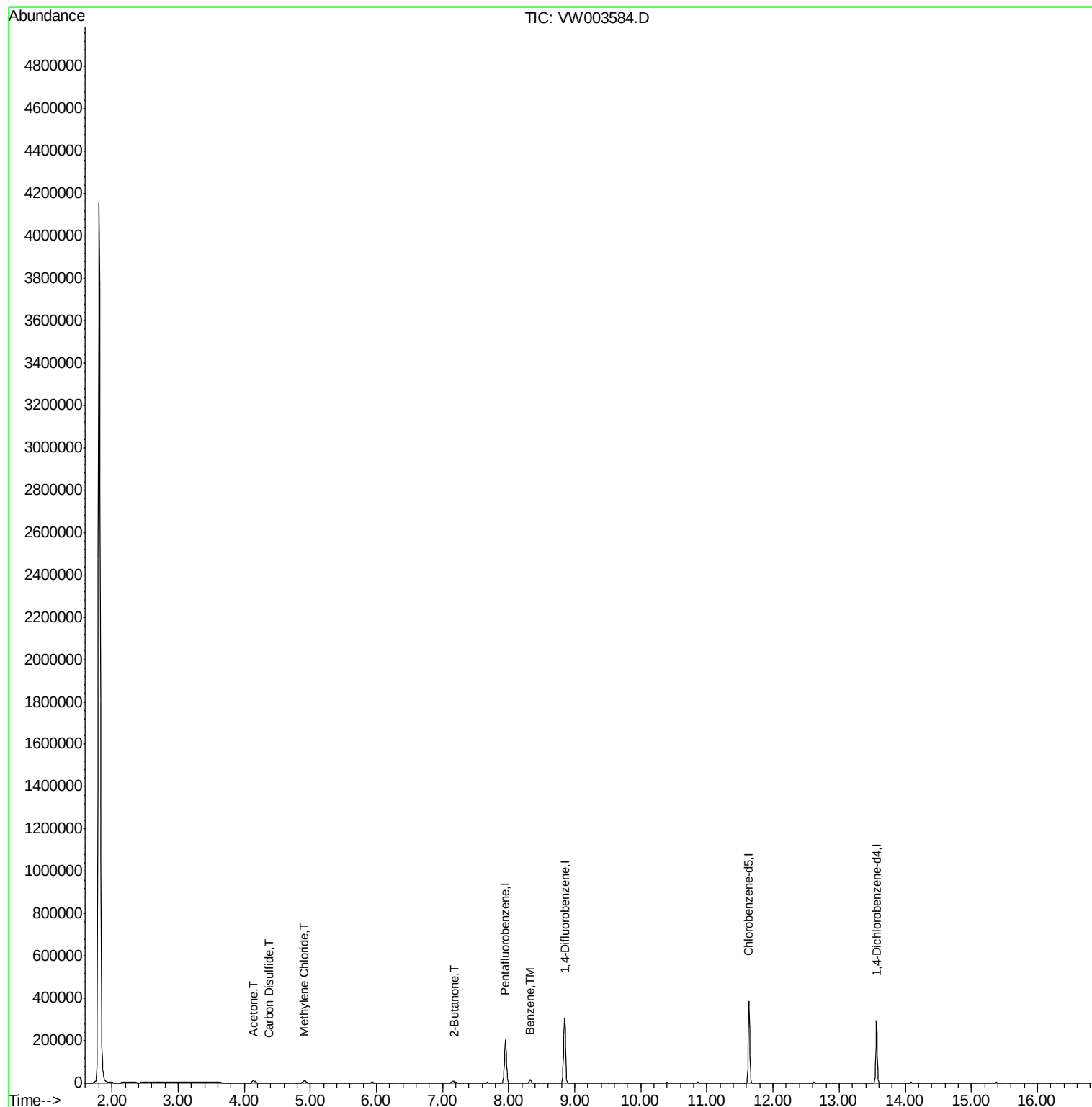
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	23127	69.56	ug/l	98
17) Carbon Disulfide	4.37	76	4238	1.08	ug/l #	91
20) Methylene Chloride	4.92	84	8676	2.67	ug/l	96
25) 2-Butanone	7.18	43	3974	9.61	ug/l	92
40) Benzene	8.33	78	14655	2.23	ug/l	100

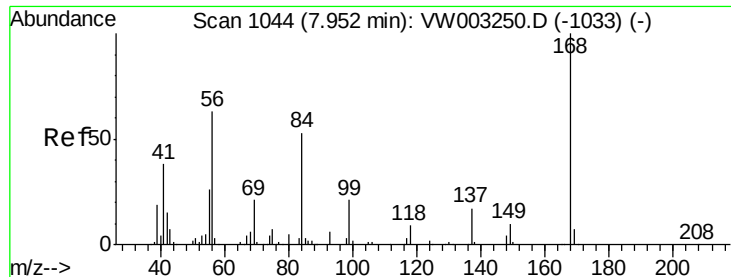
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062718\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
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: VW003584.D

Acq: 26 Jun 2018 22:48

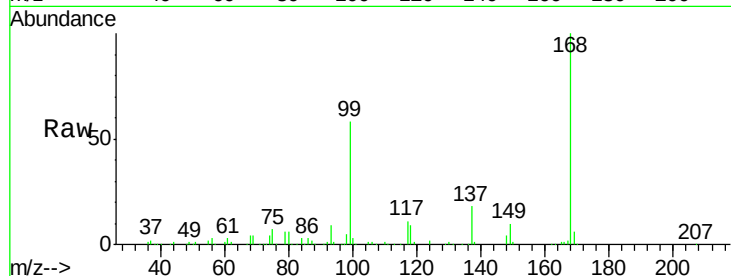
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S

Tot 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

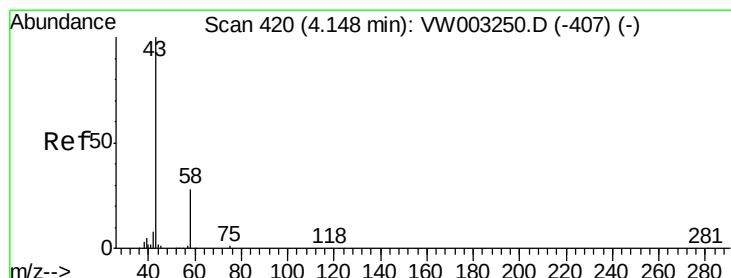
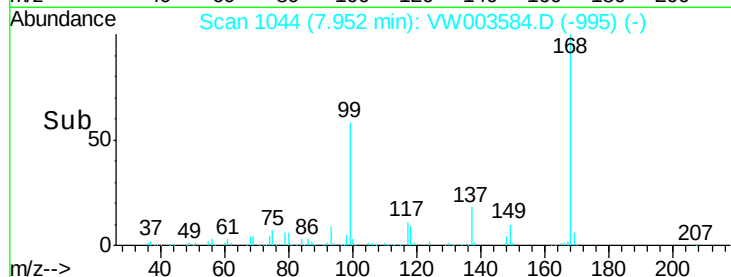
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 69.56 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003584.D

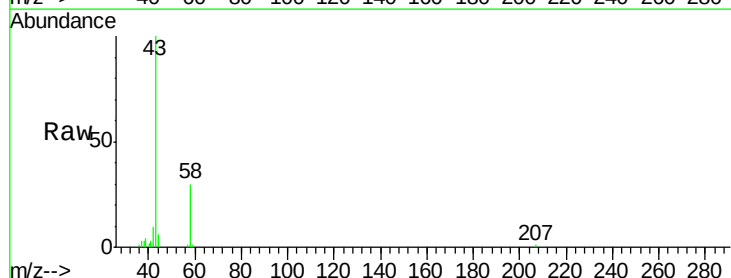
Acq: 26 Jun 2018 22:48

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

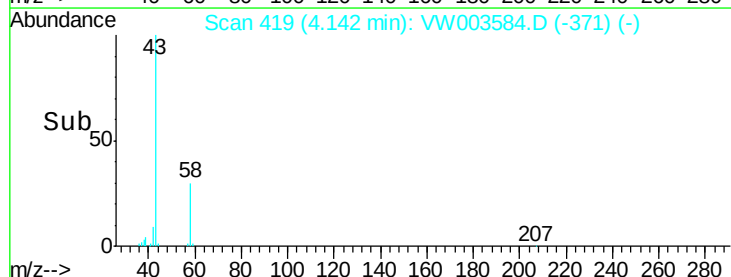
4000

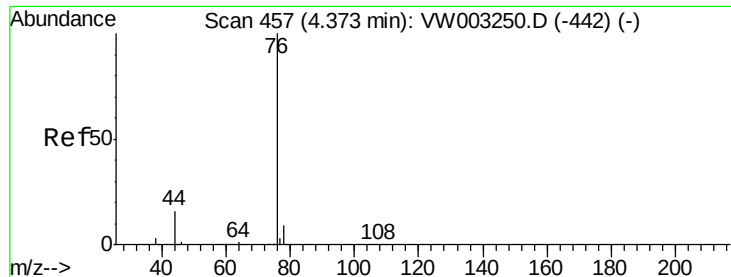
2000

0

4.00 4.10 4.20 4.30

Time-->





#17

Carbon Disulfide

Concen: 1.08 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 :

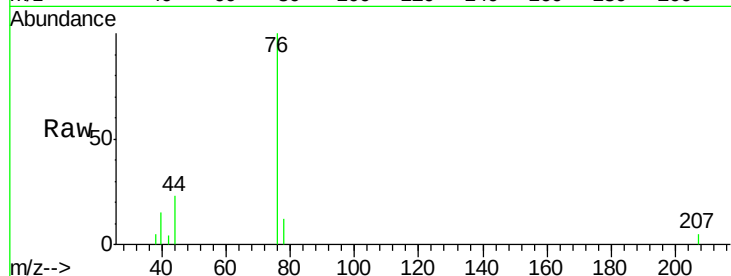
TP-2-S

Tot Ion: 76 Resp: 4238

Ion Ratio Lower Upper

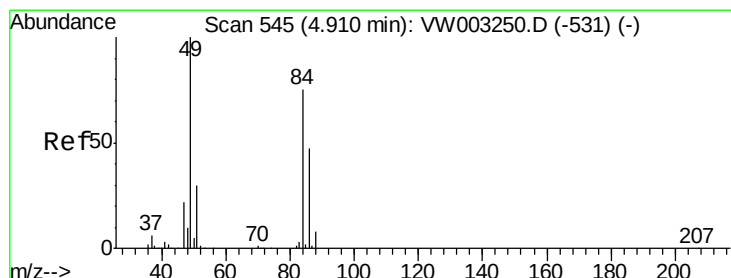
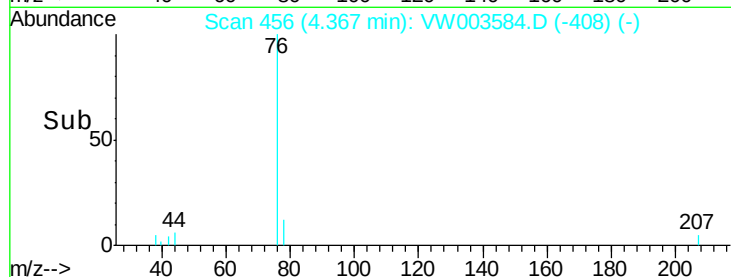
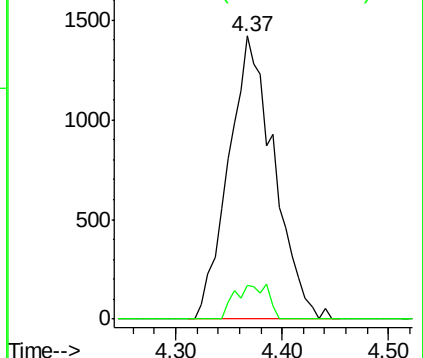
76 100

78 12.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 2.67 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

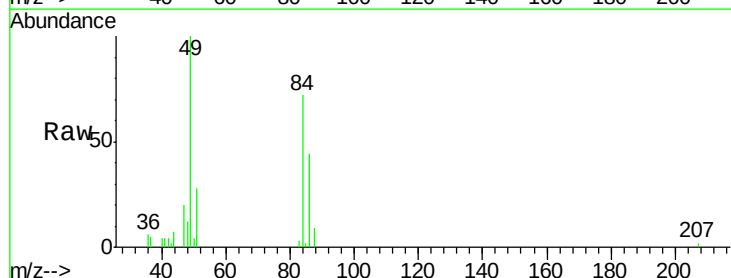
Ion Ratio Lower Upper

84 100

49 139.2 106.3 159.5

51 38.7 32.0 48.0

86 61.5 49.9 74.9

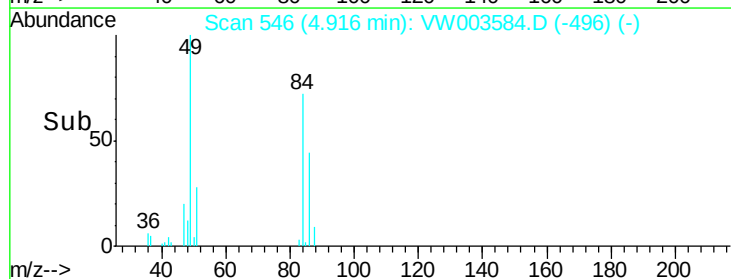
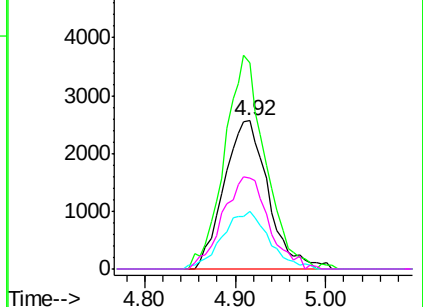


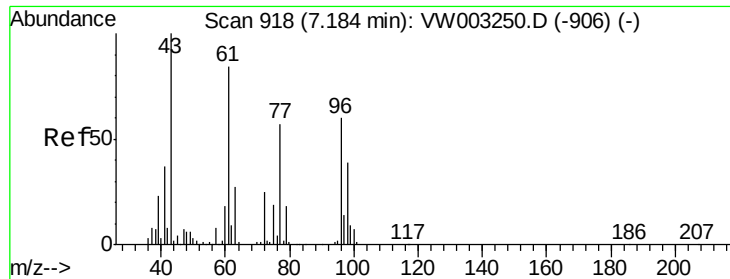
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 9.61 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

ClientSampled :

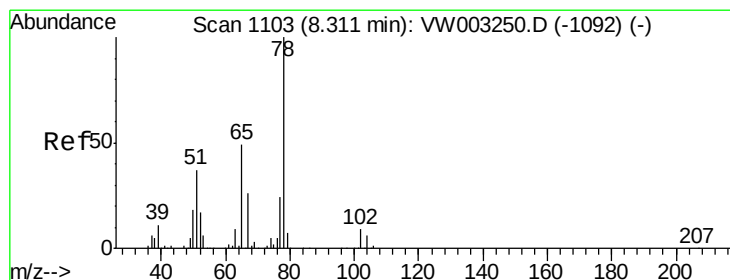
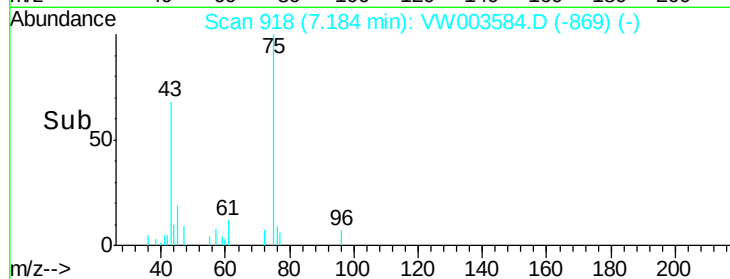
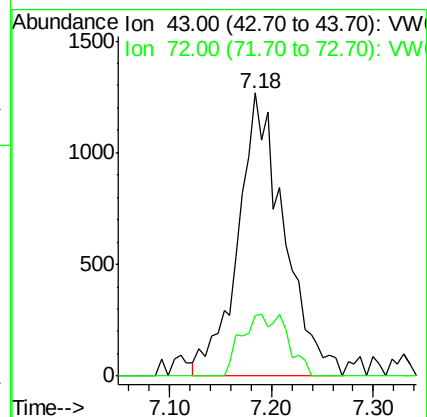
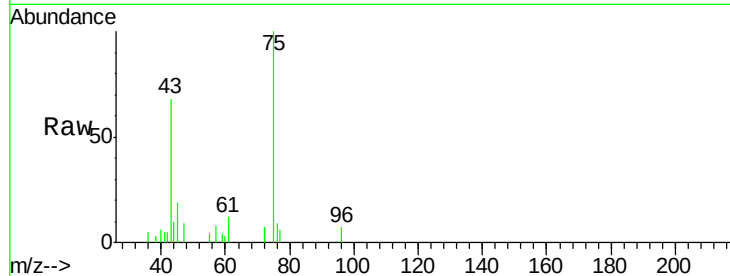
TP-2-S

Tot Ion: 43 Resp: 3974

Ion Ratio Lower Upper

43 100

72 21.4 20.3 30.5



#33

1,2-Dichloroethane-d4

Concen: 0.18 ug/l

RT: 8.32 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VW003584.D

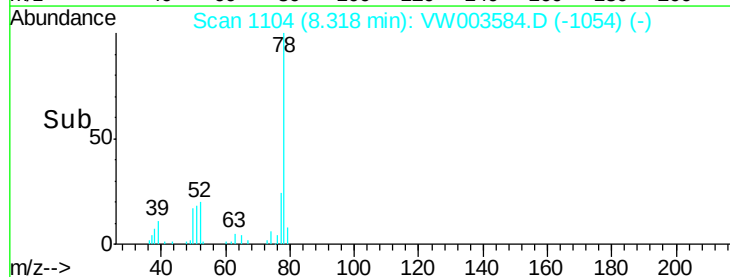
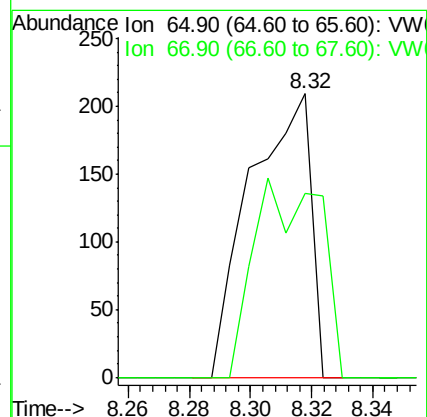
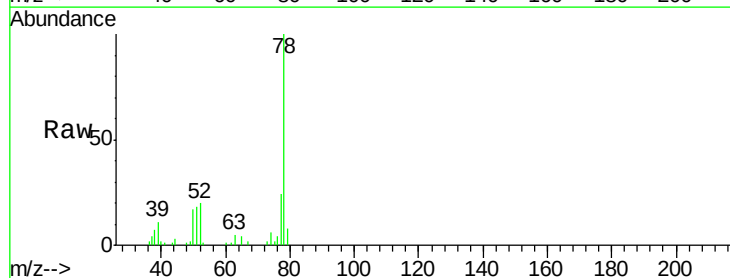
Acq: 26 Jun 2018 22:48

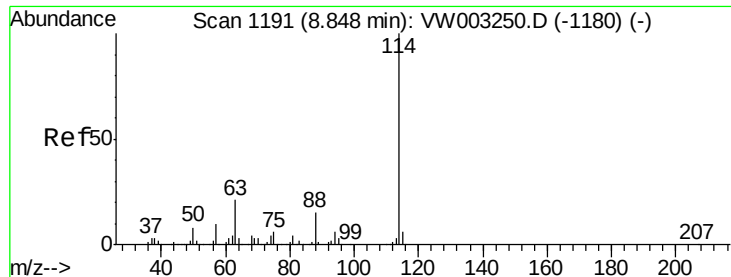
Tgt Ion: 65 Resp: 288

Ion Ratio Lower Upper

65 100

67 76.7 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: VW003584.D

Acq: 26 Jun 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

TP-2-S

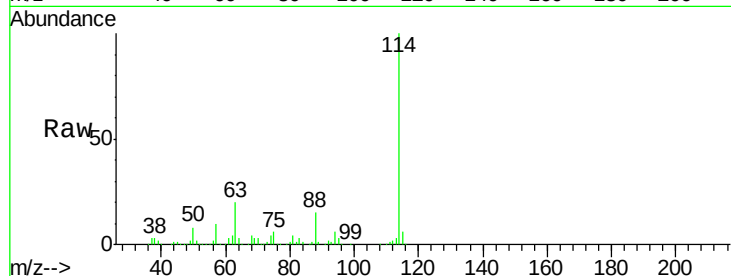
Tot Ion:114 Resp: 246875

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.0

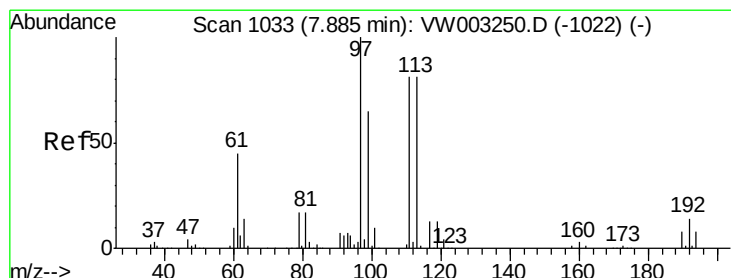
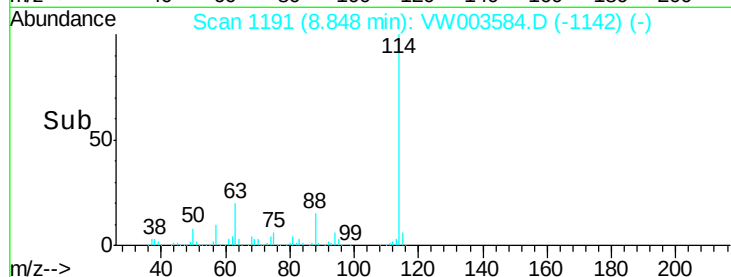
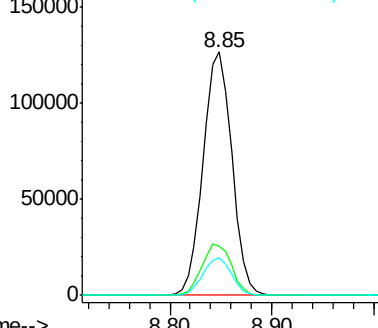
88 15.4 0.0 29.6



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: 0.08 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003584.D

Acq: 26 Jun 2018 22:48

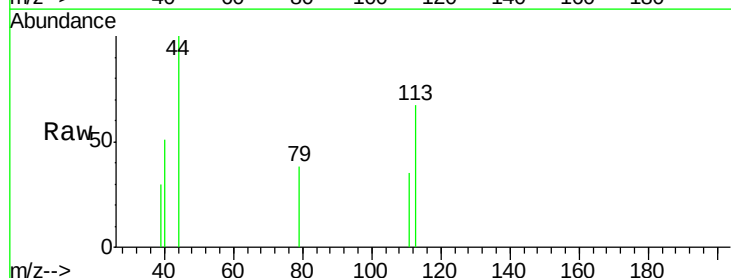
Tgt Ion:113 Resp: 123

Ion Ratio Lower Upper

113 100

111 210.6 82.2 123.2#

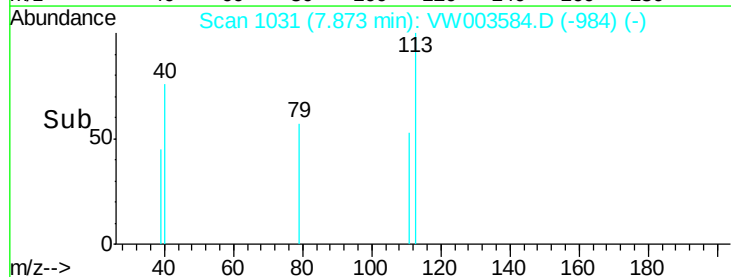
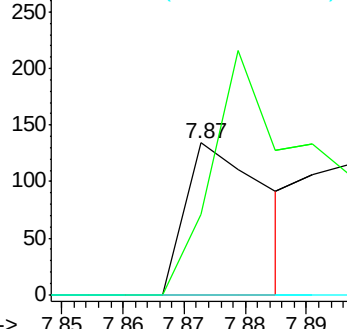
192 0.0 16.2 24.2#

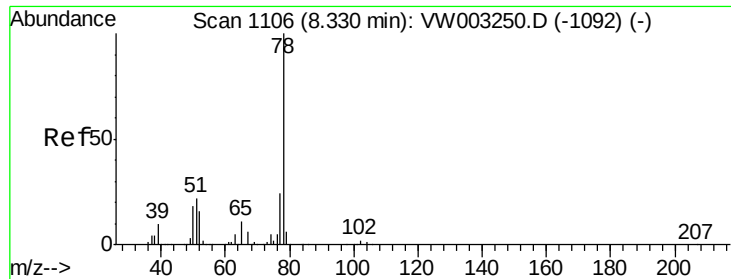


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 2.23 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 :

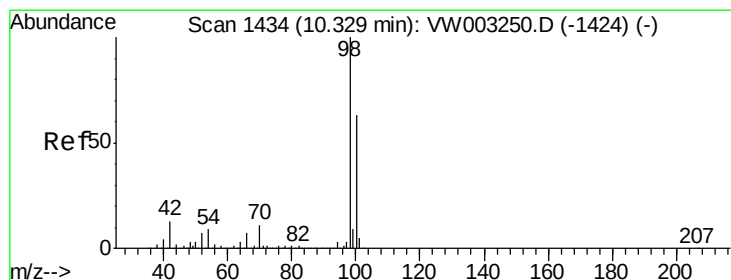
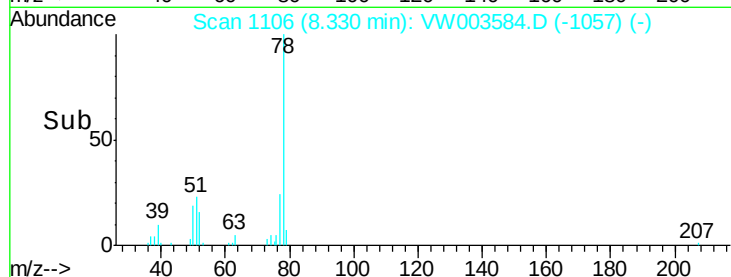
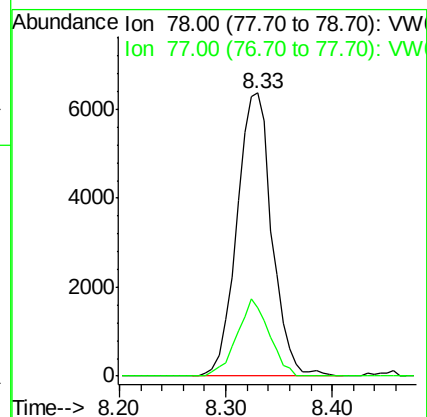
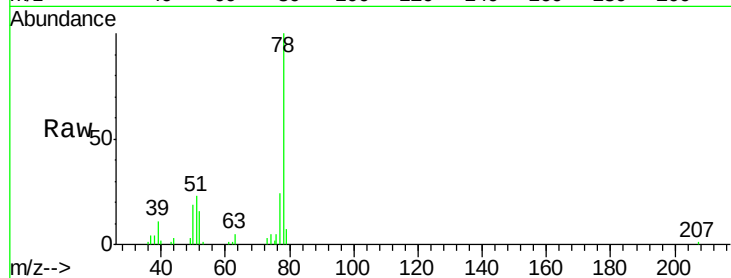
TP-2-S

Tot Ion: 78 Resp: 14655

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6



#50

Toluene-d8

Concen: 0.18 ug/l

RT: 10.34 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW003584.D

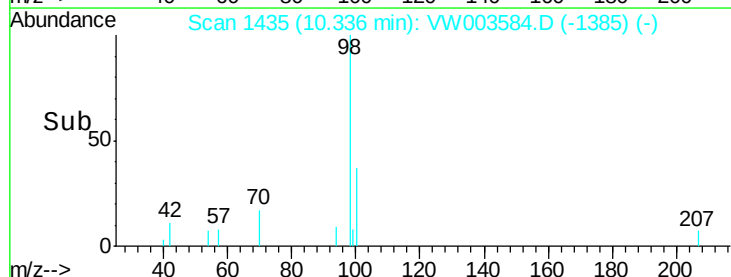
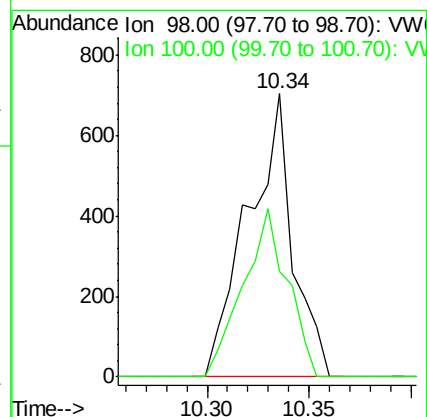
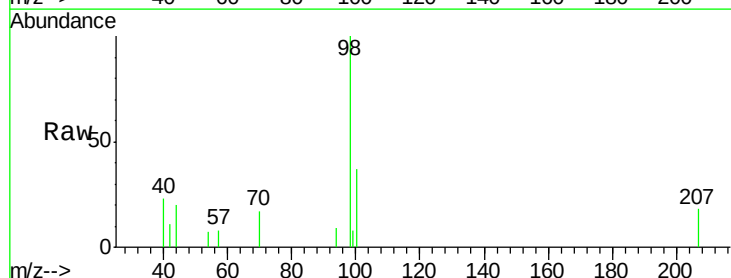
Acq: 26 Jun 2018 22:48

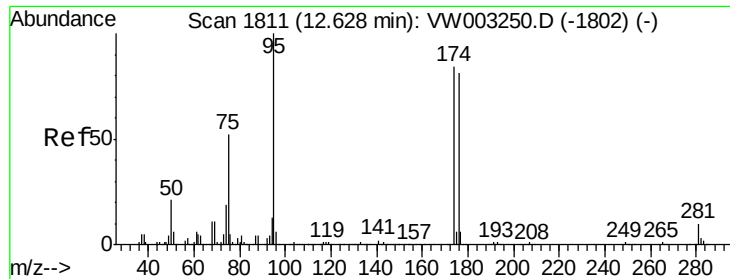
Tgt Ion: 98 Resp: 1079

Ion Ratio Lower Upper

98 100

100 58.3 50.8 76.2

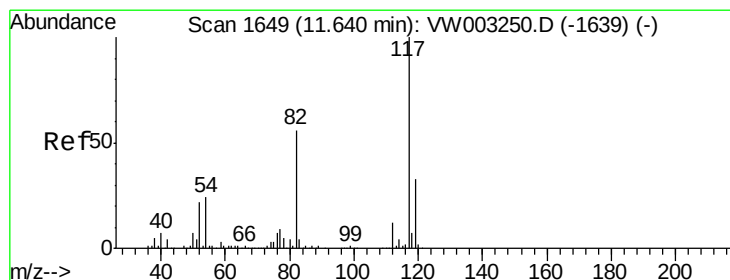
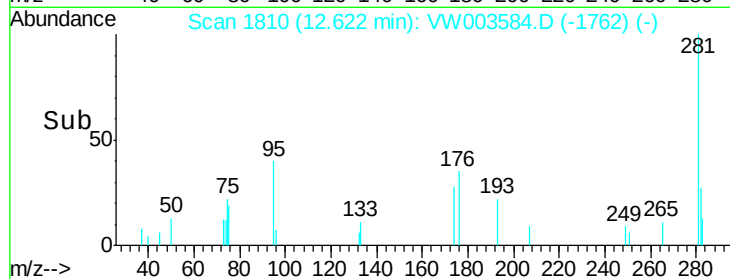
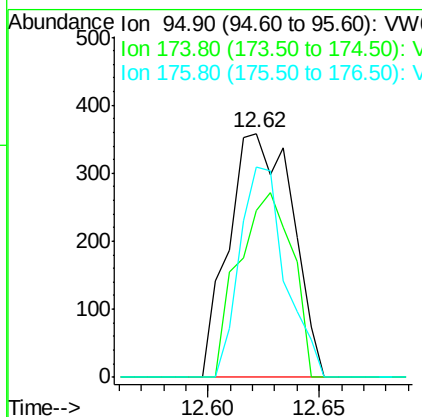
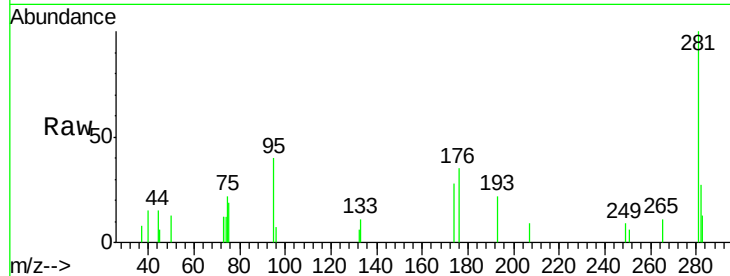




#62
4-Bromofluorobenzene
Concen: 0.33 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003584.D
Acq: 26 Jun 2018 22:48

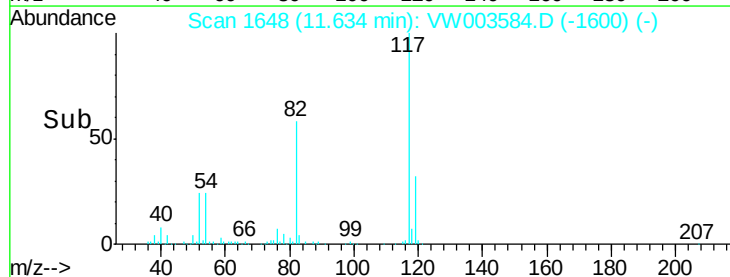
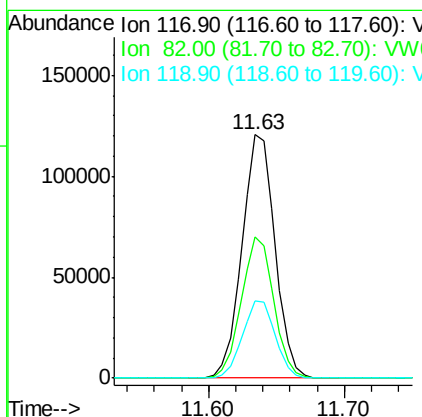
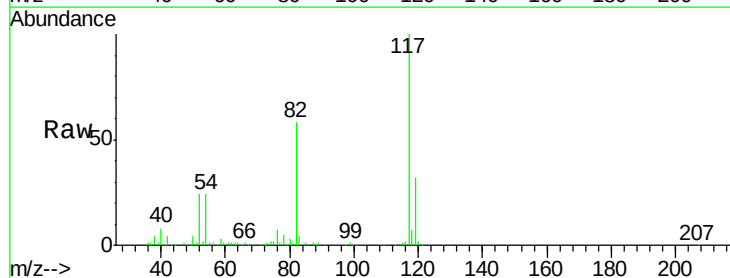
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S

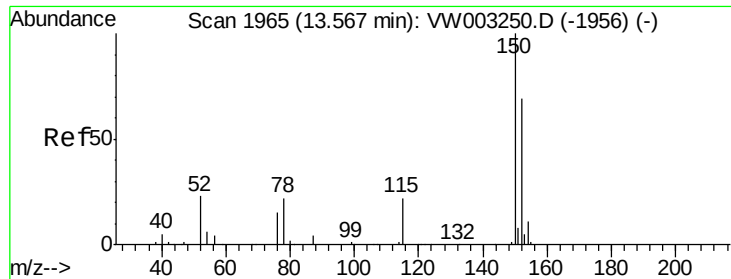
Tot Ion: 95 Resp: 714
Ion Ratio Lower Upper
95 100
174 63.4 0.0 166.4
176 61.8 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: 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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 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

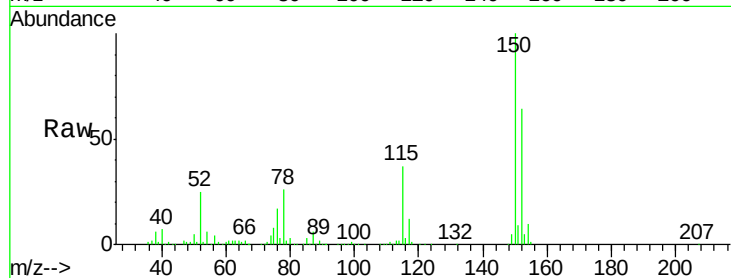
Tot Ion:152 Resp: 72038

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

