

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003456.D
 Acq On : 23 Jun 2018 13:27
 Operator : SY/AP
 Sample : J3663-14
 Misc : 6.23G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB470-31-33-180618

Quant Time: Jun 25 02:48:14 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	133278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	218762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	198288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	96071	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	82980	57.48	ug/l	0.00
Spiked Amount						
			Recovery	=	114.96%	
35) Dibromofluoromethane	7.89	113	70606	51.94	ug/l	0.00
Spiked Amount						
			Recovery	=	103.88%	
50) Toluene-d8	10.33	98	240425	44.61	ug/l	0.00
Spiked Amount						
			Recovery	=	89.22%	
62) 4-Bromofluorobenzene	12.63	95	81176	42.56	ug/l	0.00
Spiked Amount						
			Recovery	=	85.12%	

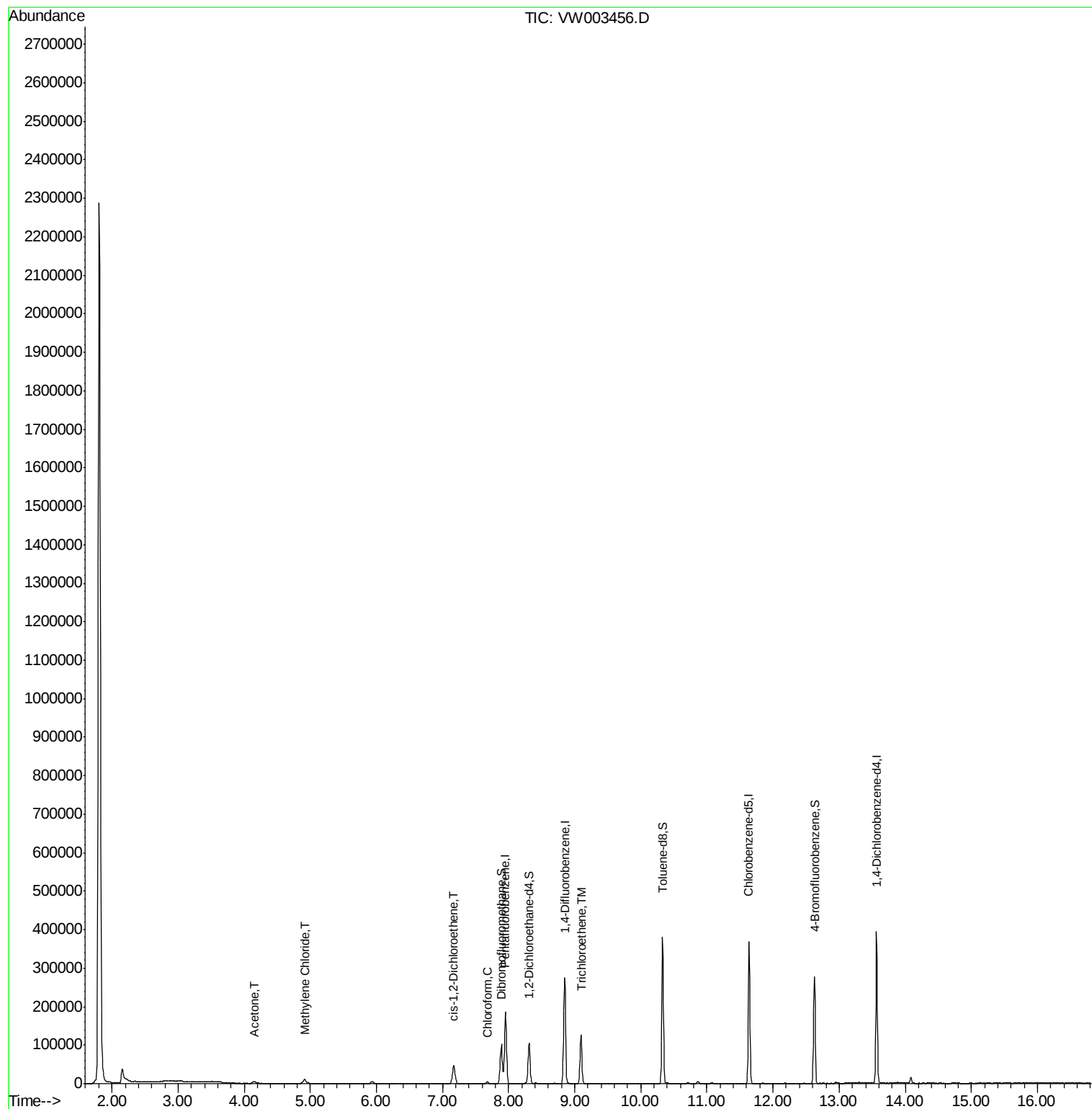
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	10520	34.75	ug/l	96
20) Methylene Chloride	4.91	84	7872	2.64	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	23755	16.47	ug/l	92
30) Chloroform	7.68	83	3005	1.18	ug/l	94
44) Trichloroethene	9.10	130	43165	27.97	ug/l	99

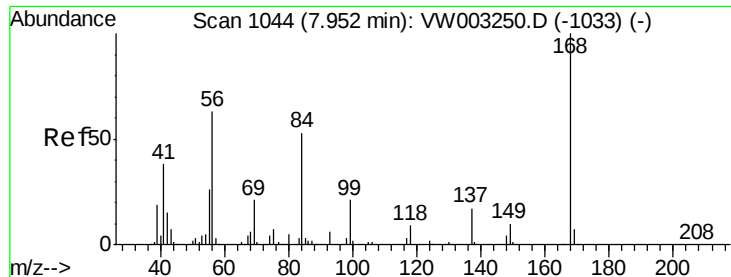
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

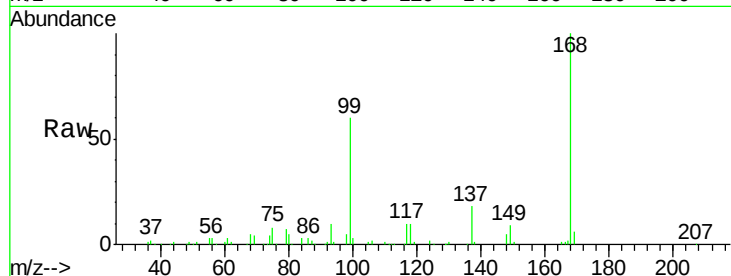
WP021SB470-31-33-180618

Tot Ion:168 Resp: 133278

Ion Ratio Lower Upper

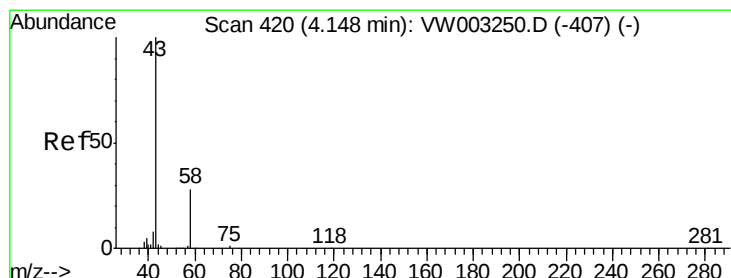
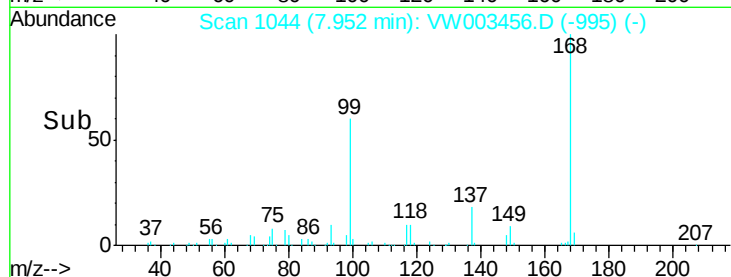
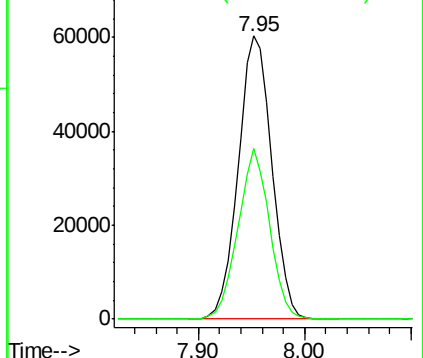
168 100

99 60.1 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: 34.75 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003456.D

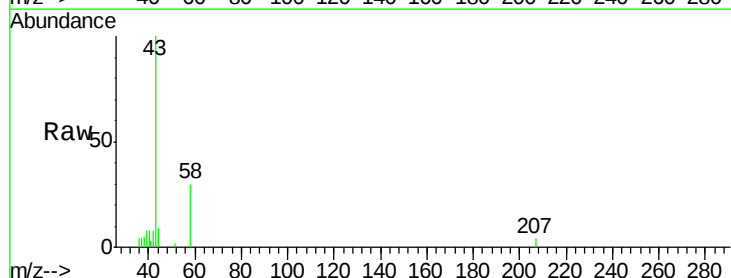
Acq: 23 Jun 2018 13:27

Tgt Ion: 43 Resp: 10520

Ion Ratio Lower Upper

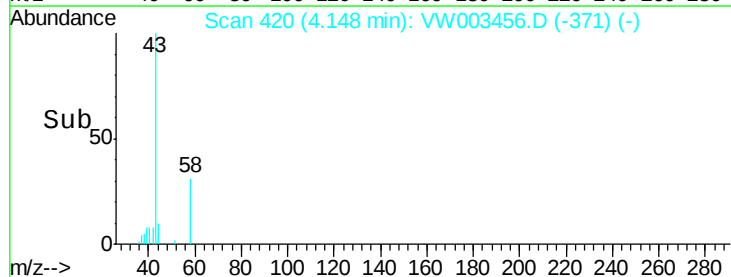
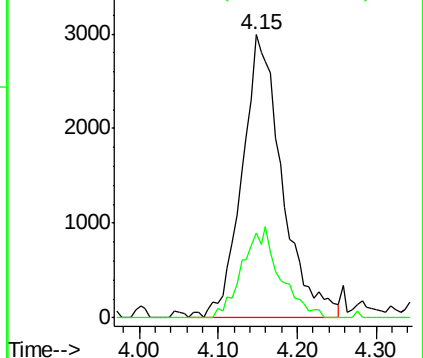
43 100

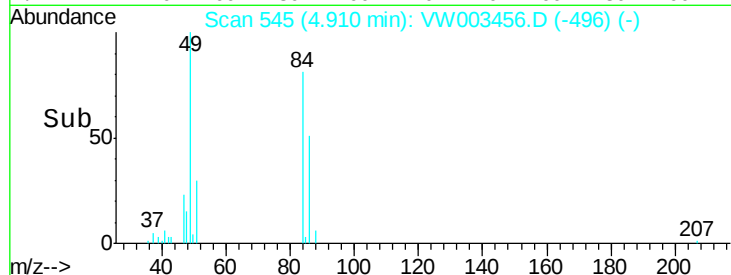
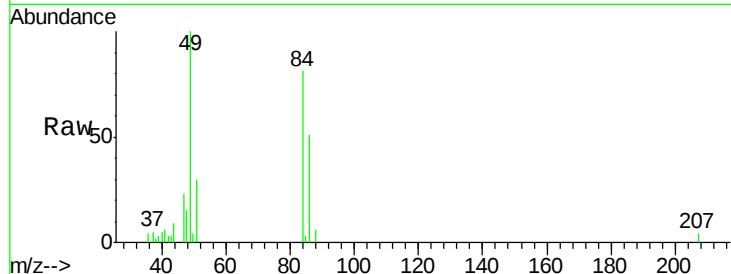
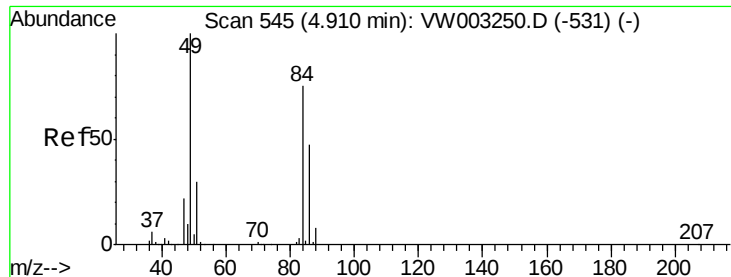
58 30.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

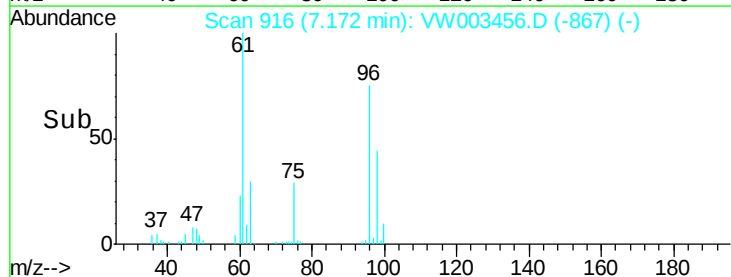
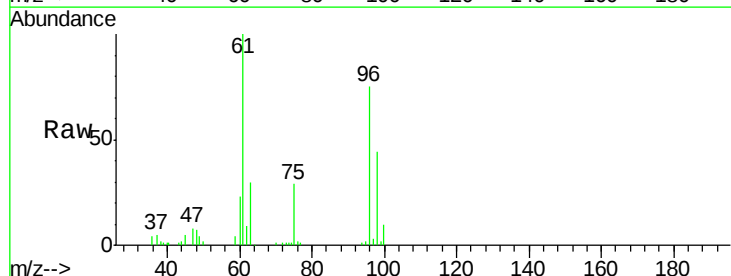
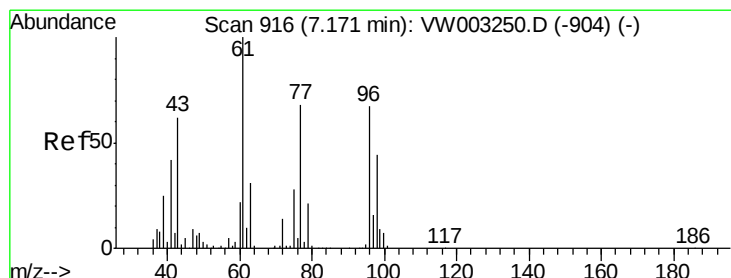
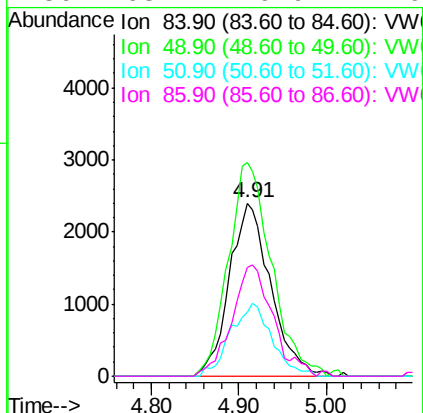




#20
Methylene Chloride
Concen: 2.64 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003456.D
Acq: 23 Jun 2018 13:27

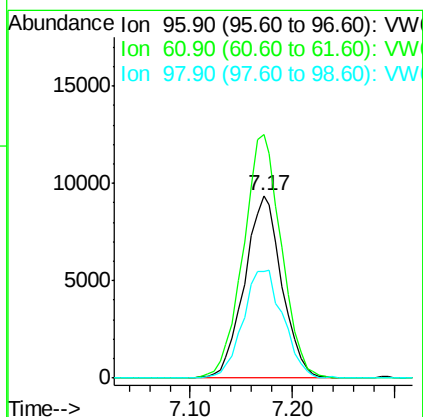
Instrument :
MSVOA_W
ClientSampleId :
WP021SB470-31-33-180618

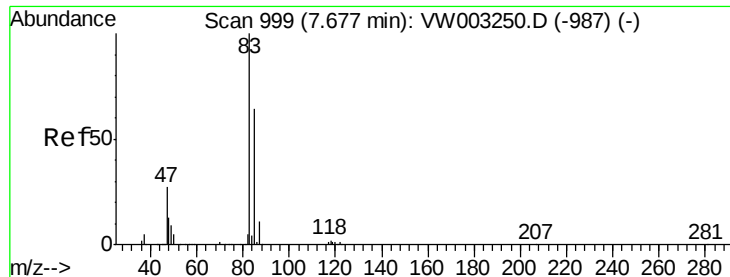
Tot Ion:	84	Resp:	7872
Ion	Ratio	Lower	Upper
84	100		
49	123.5	106.3	159.5
51	37.4	32.0	48.0
86	63.1	49.9	74.9



#27
cis-1,2-Dichloroethene
Concen: 16.47 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003456.D
Acq: 23 Jun 2018 13:27

Tgt Ion:	96	Resp:	23755
Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	298.8
98	63.6	0.0	130.4





#30

Chloroform

Concen: 1.18 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

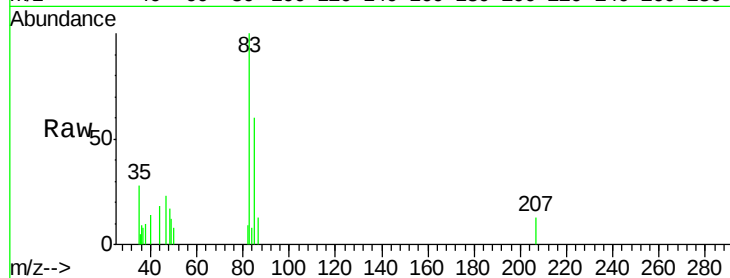
WP021SB470-31-33-180618

Tot Ion: 83 Resp: 3005

Ion Ratio Lower Upper

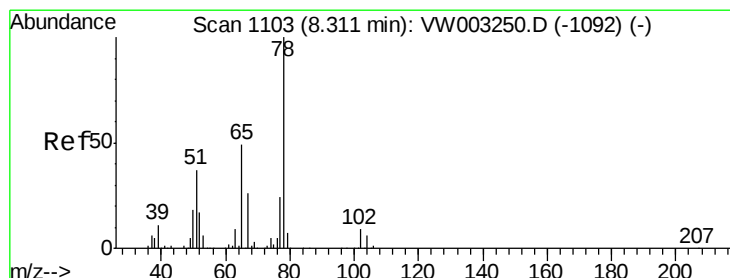
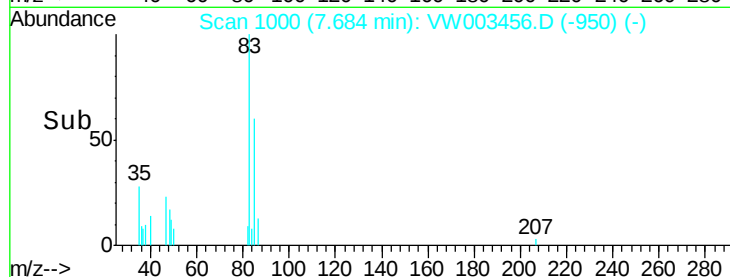
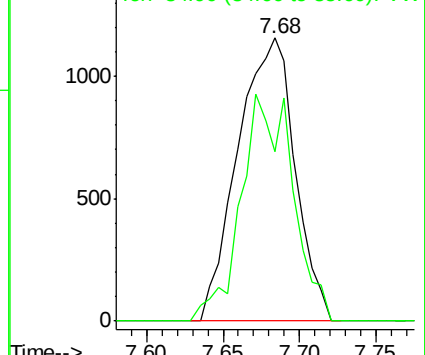
83 100

85 59.7 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: 57.48 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003456.D

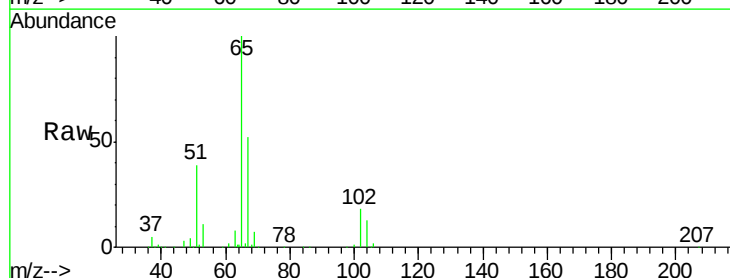
Acq: 23 Jun 2018 13:27

Tgt Ion: 65 Resp: 82980

Ion Ratio Lower Upper

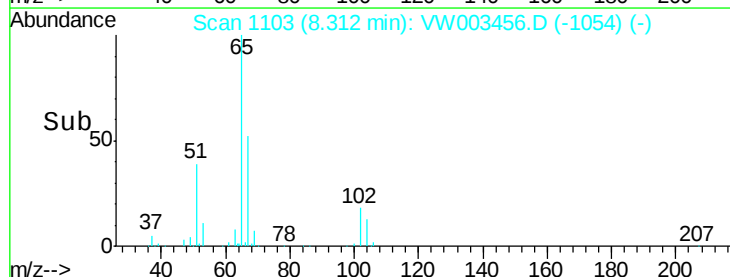
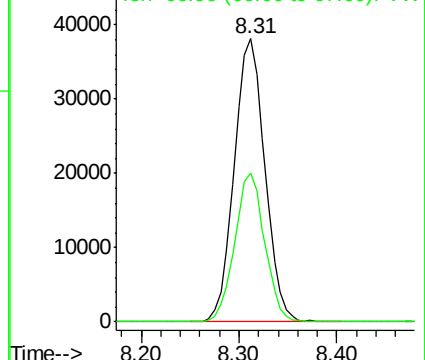
65 100

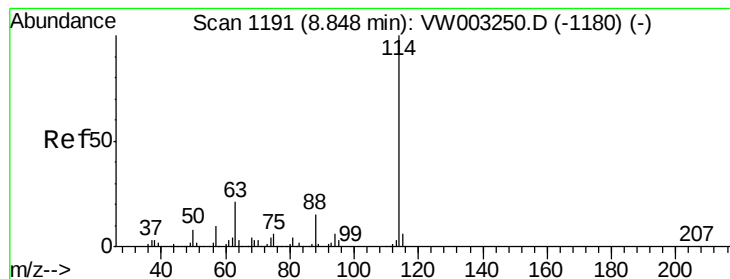
67 51.1 0.0 104.2



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: VW003456.D

Acq: 23 Jun 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

WP021SB470-31-33-180618

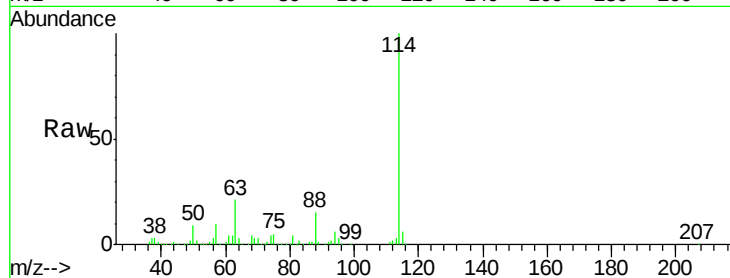
Tot Ion:114 Resp: 218762

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 15.2 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

8.85

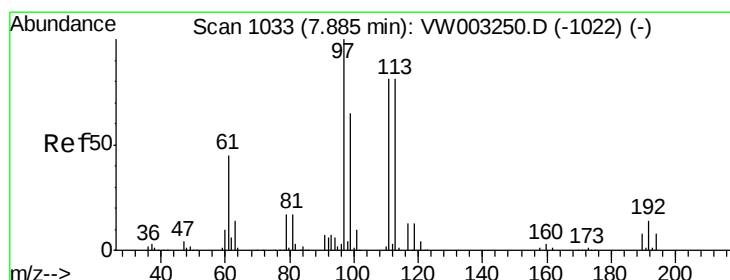
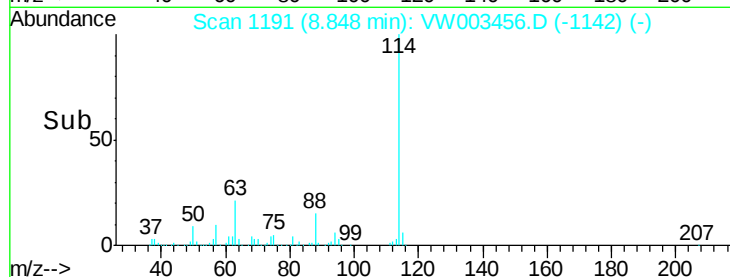
150000

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 51.94 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

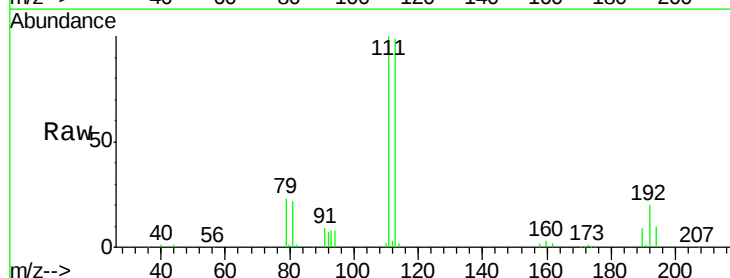
Tgt Ion:113 Resp: 70606

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 19.9 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

7.89

40000

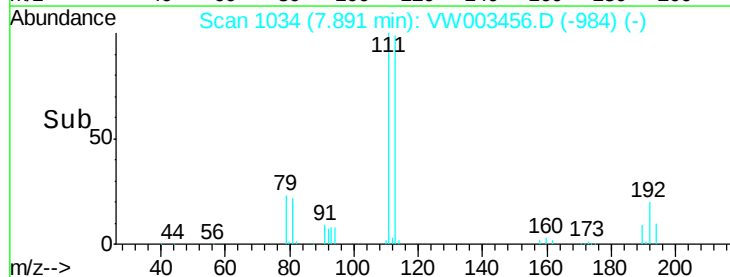
30000

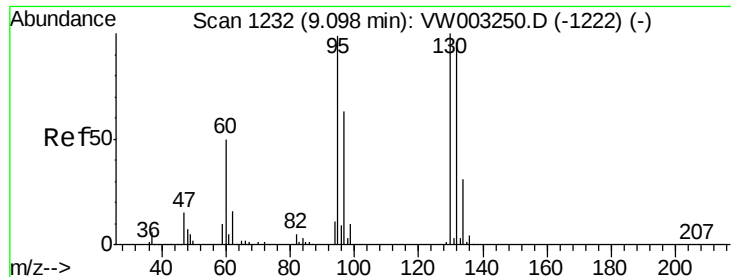
20000

10000

0

Time-->





#44

Trichloroethene

Concen: 27.97 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

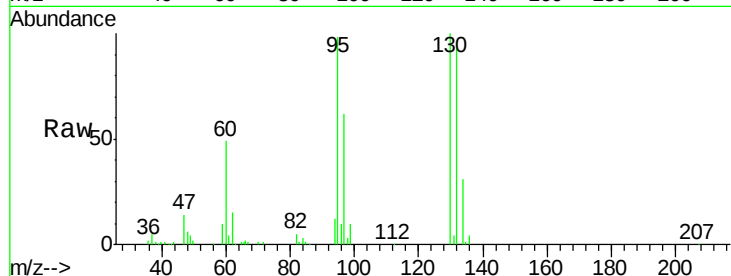
WP021SB470-31-33-180618

Tot Ion:130 Resp: 43165

Ion Ratio Lower Upper

130 100

95 98.5 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): VW

Ion 94.90 (94.60 to 95.60): VW

9.10

25000

20000

15000

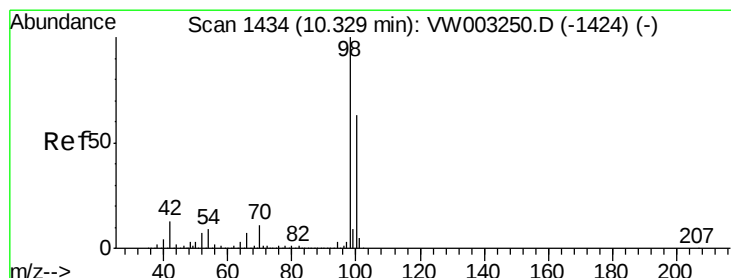
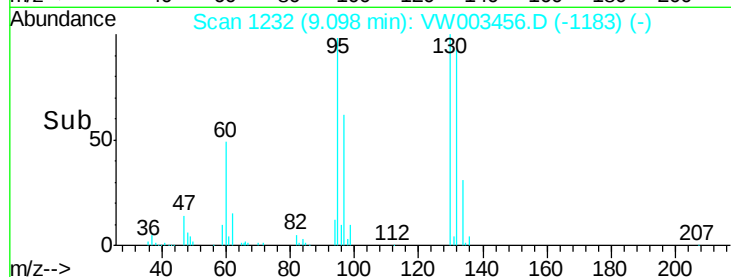
10000

5000

0

Time-->

9.00 9.05 9.10 9.15 9.20



#50

Toluene-d8

Concen: 44.61 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003456.D

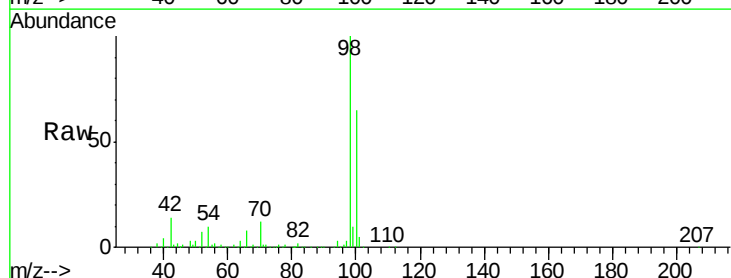
Acq: 23 Jun 2018 13:27

Tgt Ion: 98 Resp: 240425

Ion Ratio Lower Upper

98 100

100 63.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

150000

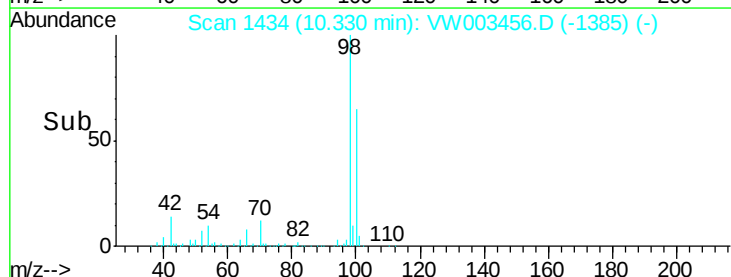
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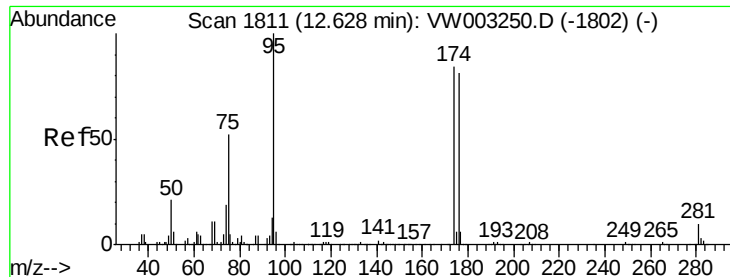
50000

0

Time-->

10.30 10.33 10.40

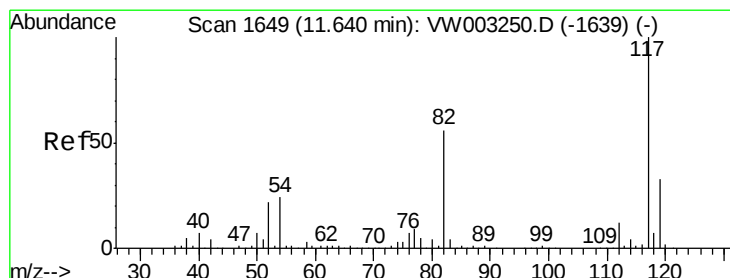
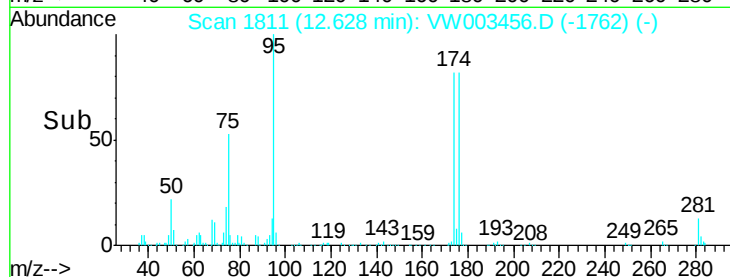
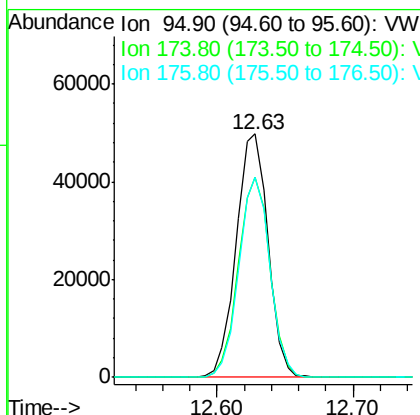
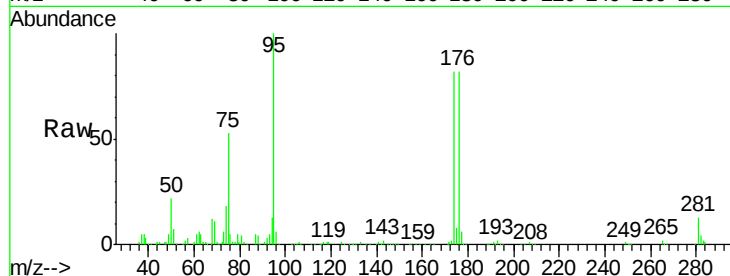




#62
4-Bromofluorobenzene
Concen: 42.56 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003456.D
Acq: 23 Jun 2018 13:27

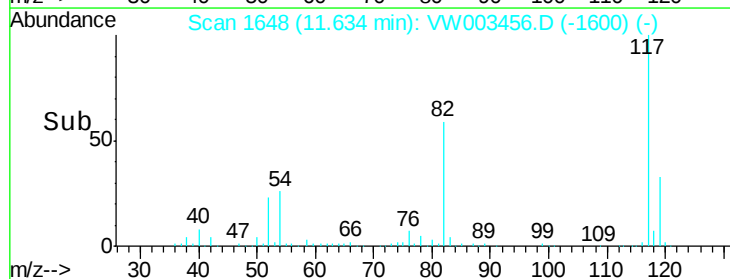
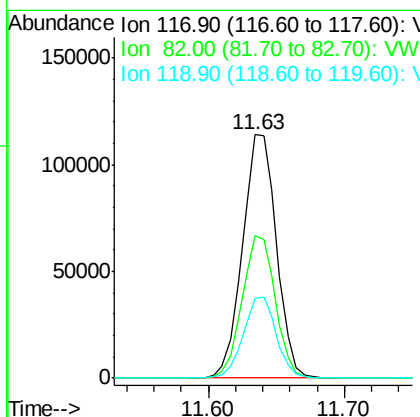
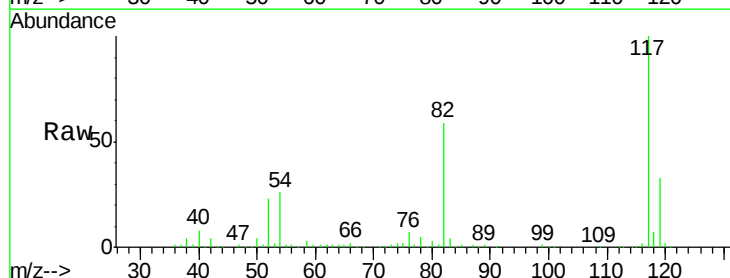
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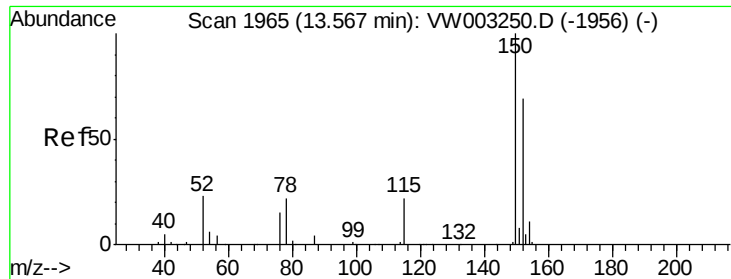
Tot Ion: 95 Resp: 81176
Ion Ratio Lower Upper
95 100
174 81.7 0.0 166.4
176 80.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003456.D
Acq: 23 Jun 2018 13:27

Tgt Ion: 117 Resp: 198288
Ion Ratio Lower Upper
117 100
82 58.8 44.6 67.0
119 32.9 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: VW003456.D

Acq: 23 Jun 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

WP021SB470-31-33-180618

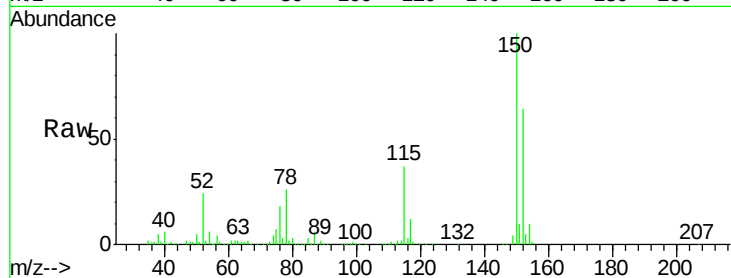
Tot Ion:152 Resp: 96071

Ion Ratio Lower Upper

152 100

115 58.1 29.3 88.0

150 157.6 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

