

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007660.D
 Acq On : 18 Dec 2018 16:01
 Operator : SY/AP
 Sample : J6379-06
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-0006-01

Quant Time: Dec 19 04:54:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

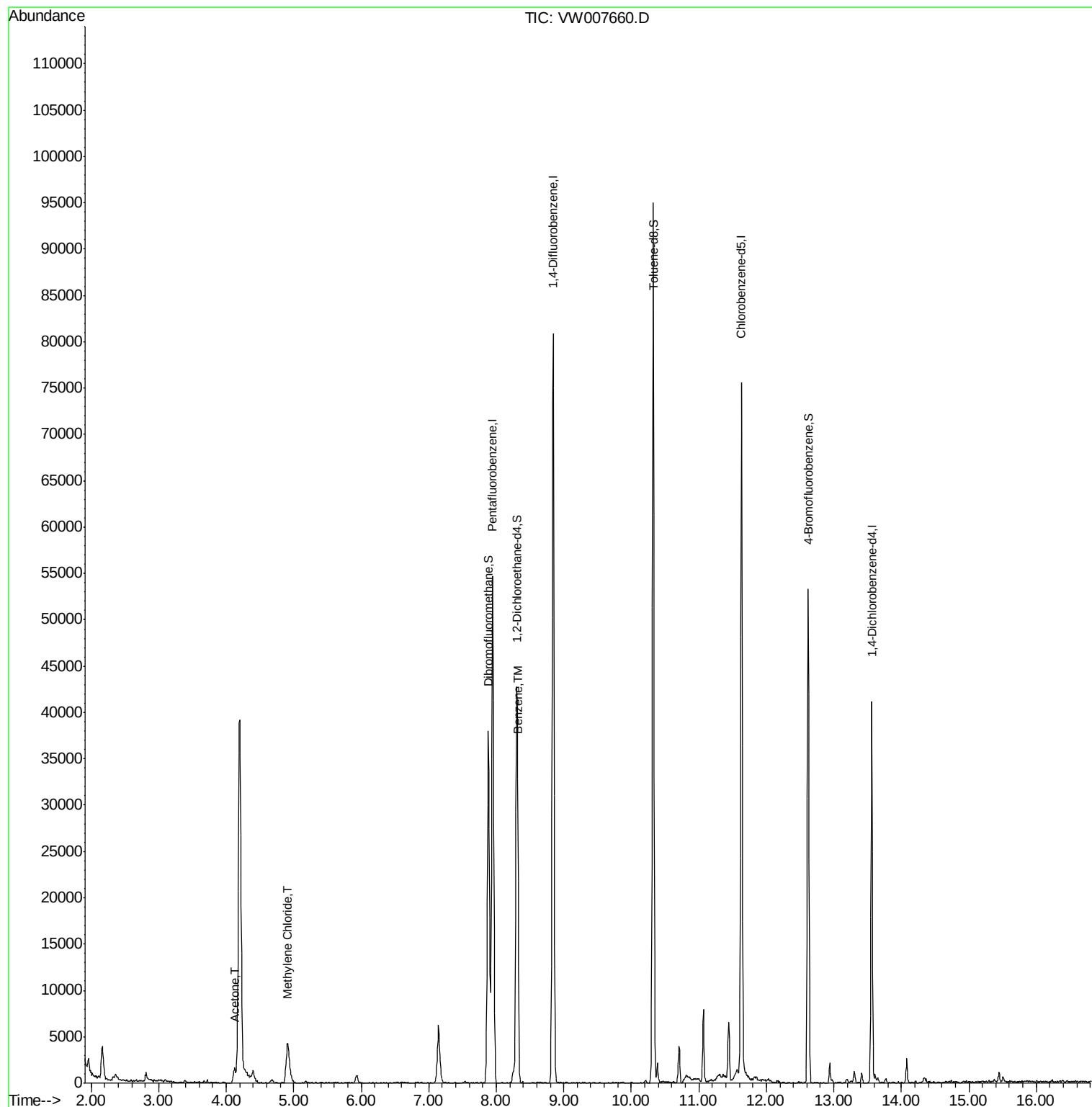
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	39488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	69083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	43031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	10646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	36015	82.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	164.42%	
35) Dibromofluoromethane	7.88	113	27319	65.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.66%	
50) Toluene-d8	10.32	98	64586	41.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.38%	
62) 4-Bromofluorobenzene	12.62	95	16925	29.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.72%	
Target Compounds						
16) Acetone	4.12	43	2929	38.277	ug/l	89
20) Methylene Chloride	4.90	84	3874	5.794	ug/l	97
40) Benzene	8.32	78	1956	1.118	ug/l #	86

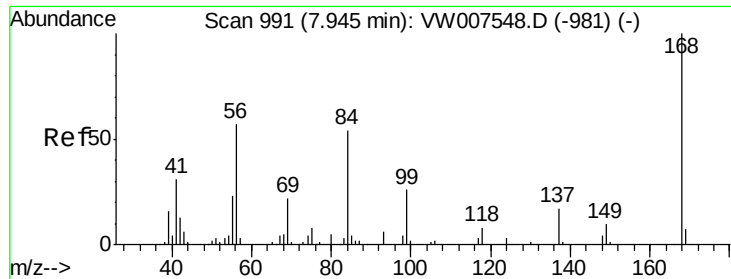
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007660.D

Acq: 18 Dec 2018 16:01

Instrument :

MSVOA_W

ClientSampleId :

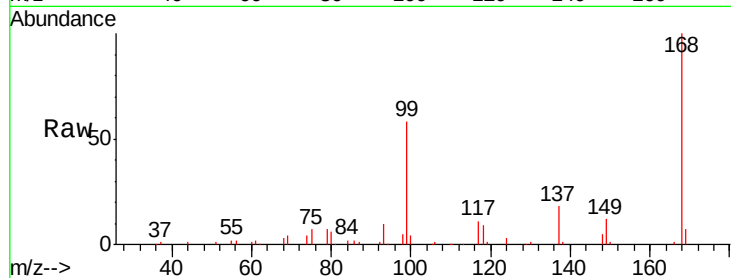
P001-SS004-0006-01

Tgt Ion: 168 Resp: 39488

Ion Ratio Lower Upper

168 100

99 58.3 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

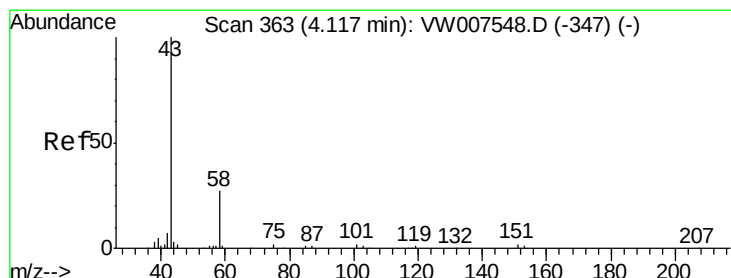
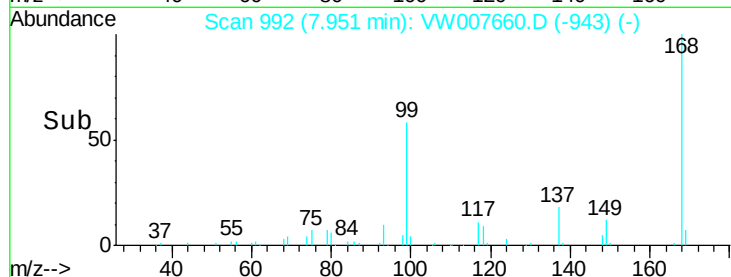
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 38.277 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007660.D

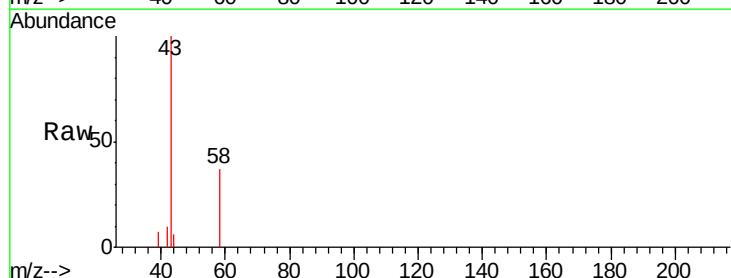
Acq: 18 Dec 2018 16:01

Tgt Ion: 43 Resp: 2929

Ion Ratio Lower Upper

43 100

58 37.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1200

1000

800

600

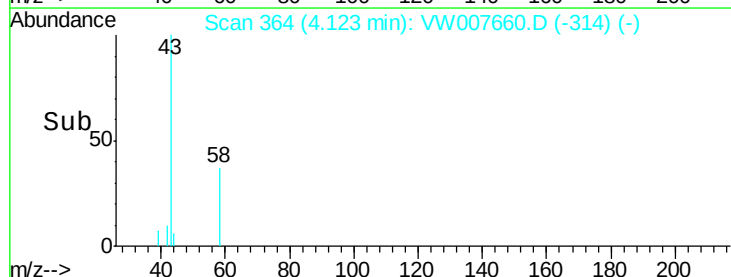
400

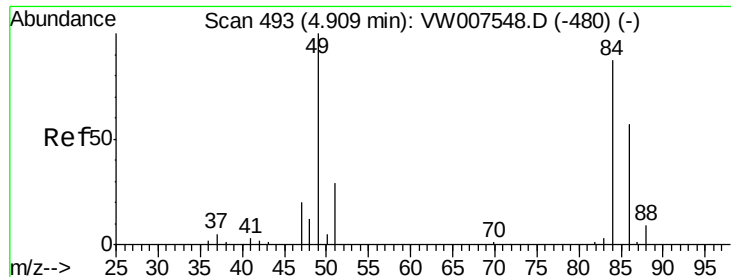
200

0

4.05 4.10 4.15 4.20

Time-->





#20

Methylene Chloride

Concen: 5.794 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW007660.D

Acq: 18 Dec 2018 16:01

Instrument :

MSVOA_W

ClientSampleId :

P001-SS004-0006-01

Tgt Ion: 84 Resp: 3874

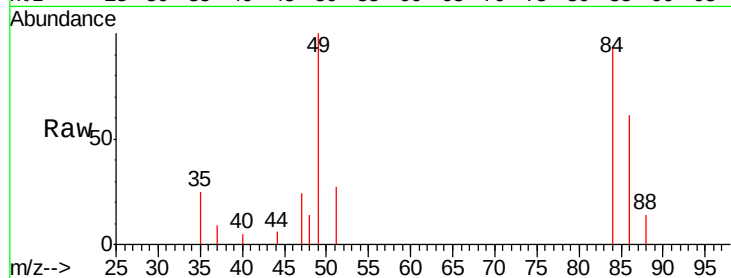
Ion Ratio Lower Upper

84 100

49 107.3 87.1 130.7

51 29.3 28.2 42.2

86 65.9 50.8 76.2

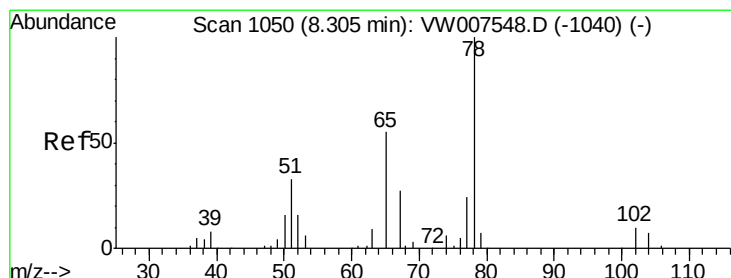
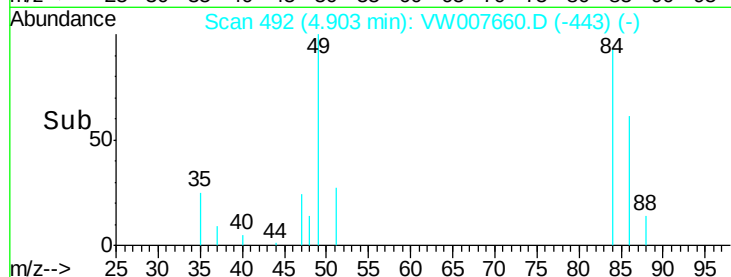
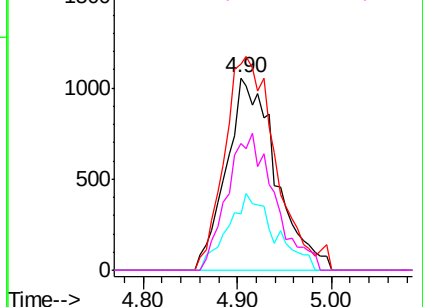


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 82.210 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007660.D

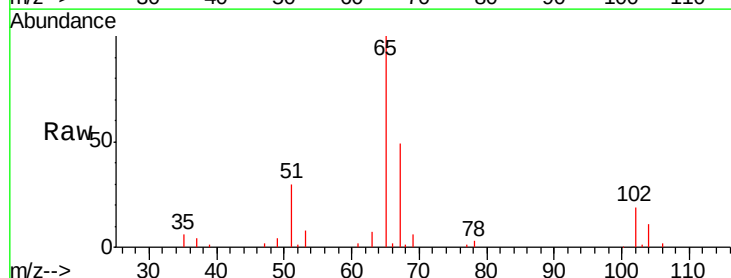
Acq: 18 Dec 2018 16:01

Tgt Ion: 65 Resp: 36015

Ion Ratio Lower Upper

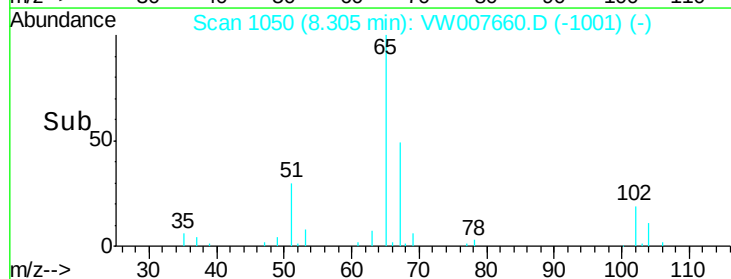
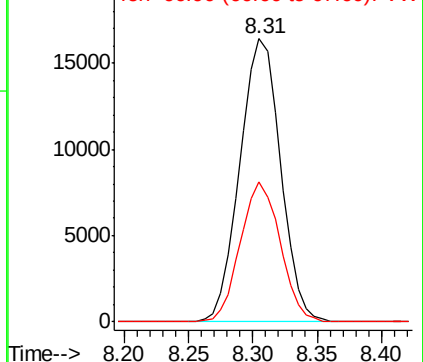
65 100

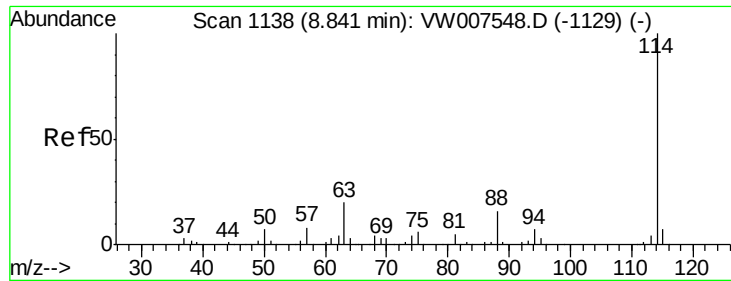
67 48.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

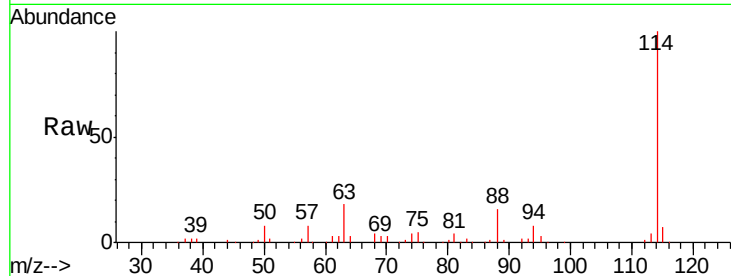




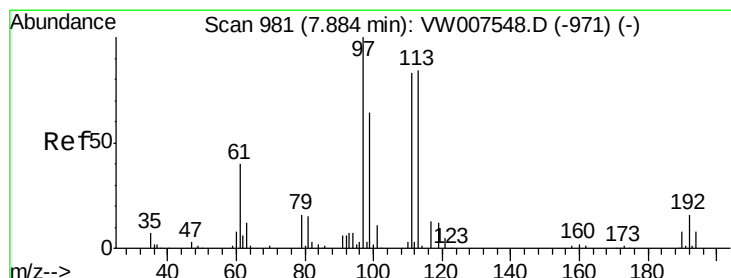
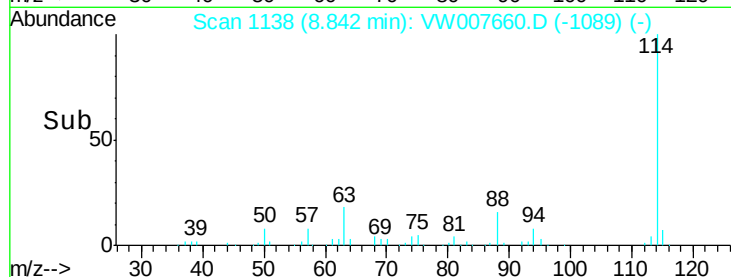
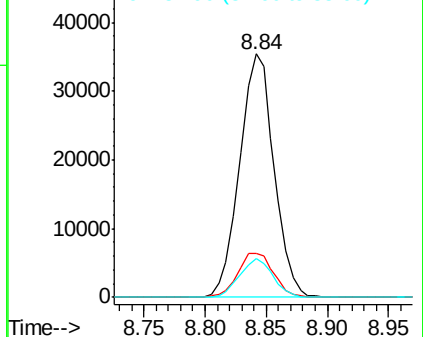
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007660.D
Acq: 18 Dec 2018 16:01

Instrument :
MSVOA_W
ClientSampleId :
P001-SS004-0006-01

Tgt Ion:114 Resp: 69083
Ion Ratio Lower Upper
114 100
63 18.2 0.0 39.6
88 15.7 0.0 31.4

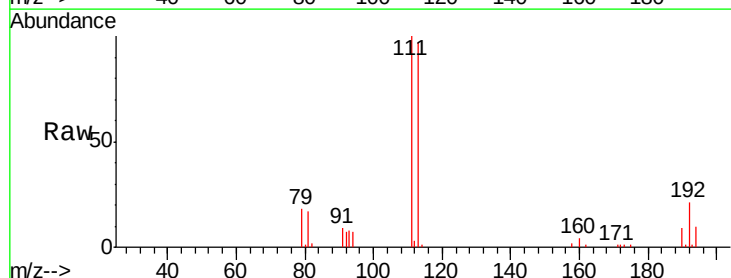


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

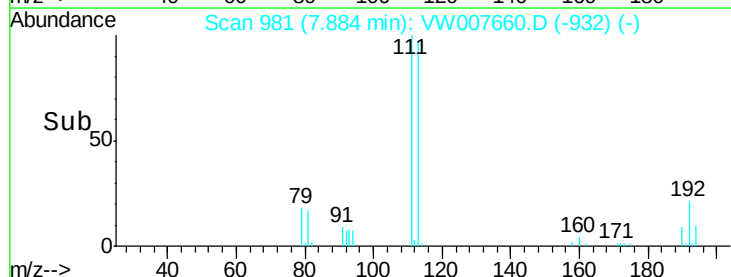
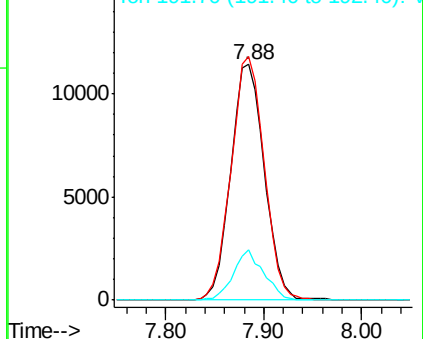


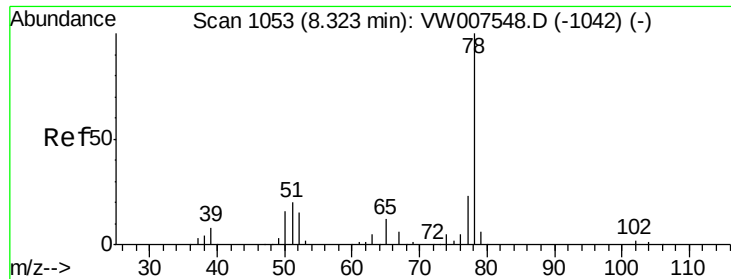
#35
Dibromofluoromethane
Concen: 65.327 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007660.D
Acq: 18 Dec 2018 16:01

Tgt Ion:113 Resp: 27319
Ion Ratio Lower Upper
113 100
111 101.4 81.1 121.7
192 19.0 14.6 21.8



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: 1.118 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007660.D

Acq: 18 Dec 2018 16:01

Instrument :

MSVOA_W

ClientSampleId :

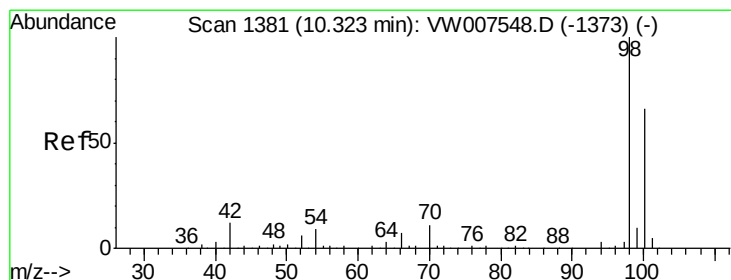
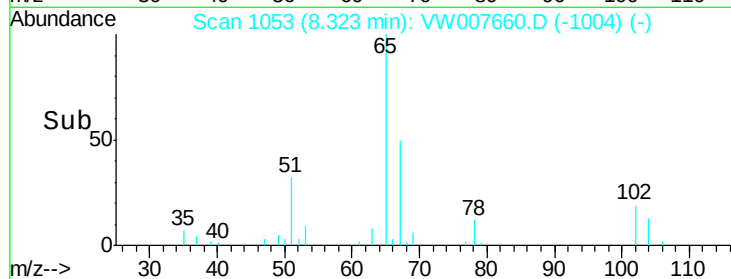
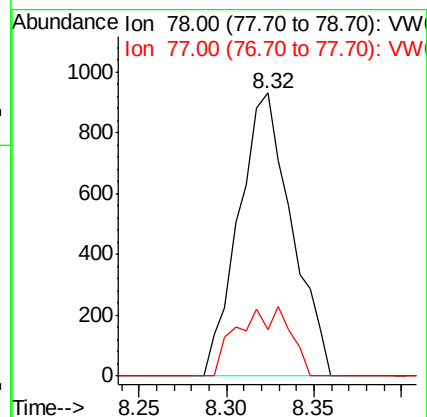
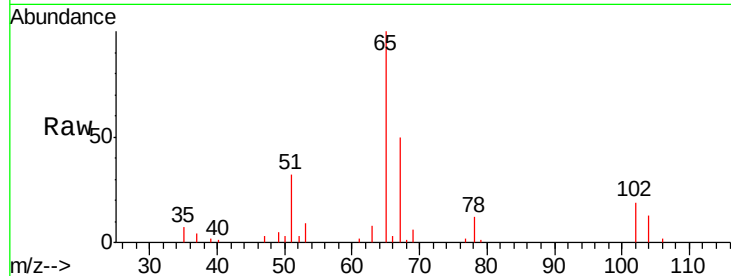
P001-SS004-0006-01

Tgt Ion: 78 Resp: 1956

Ion Ratio Lower Upper

78 100

77 16.6 18.8 28.2#



#50

Toluene-d8

Concen: 41.191 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007660.D

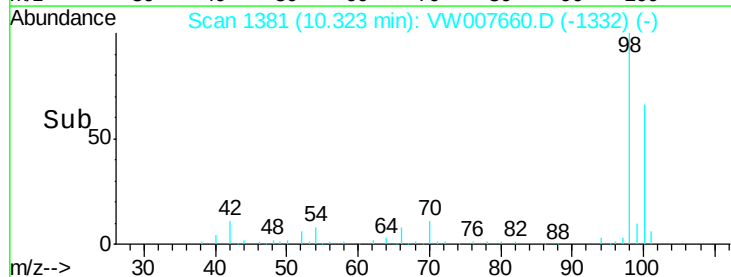
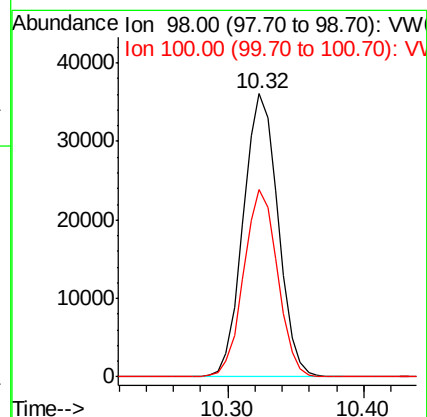
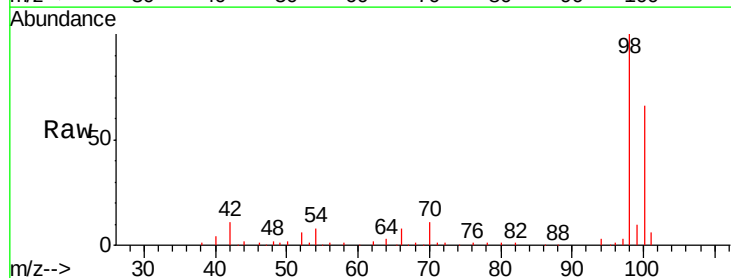
Acq: 18 Dec 2018 16:01

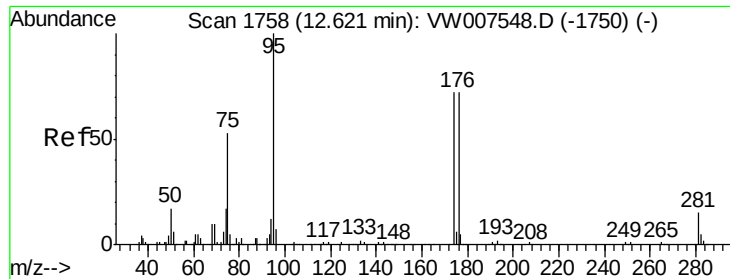
Tgt Ion: 98 Resp: 64586

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8

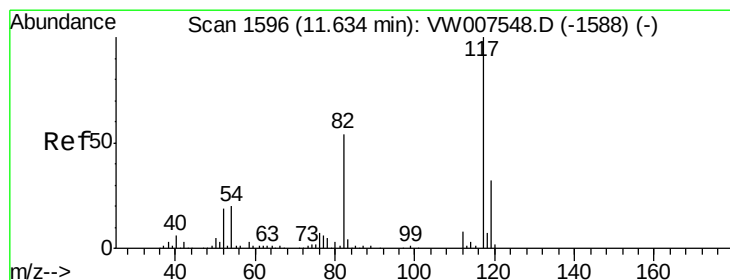
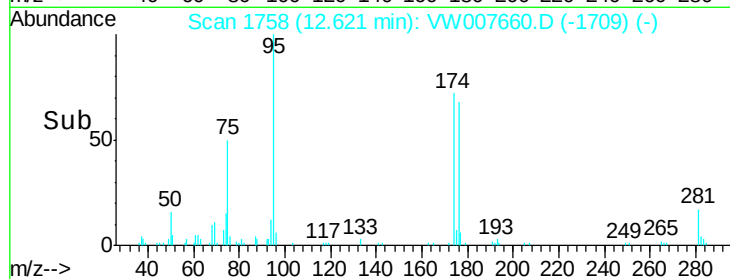
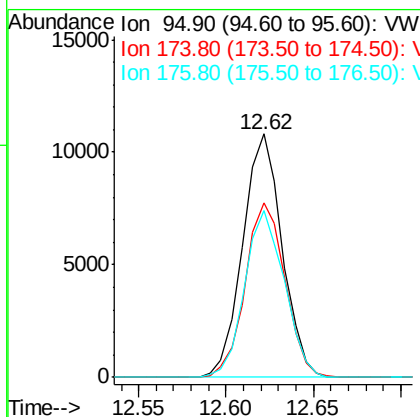
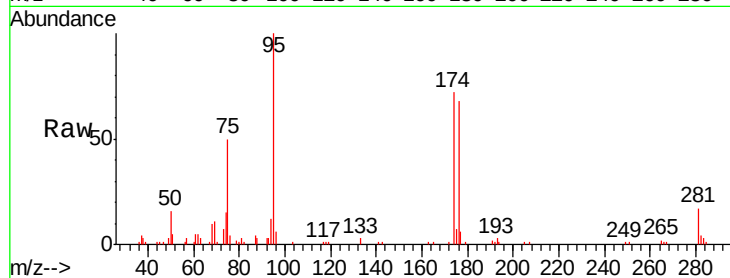




#62
4-Bromofluorobenzene
Concen: 29.358 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007660.D
Acq: 18 Dec 2018 16:01

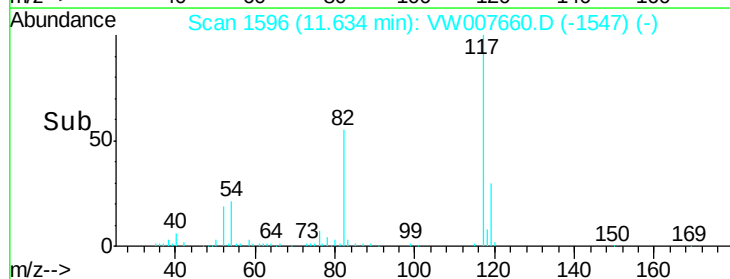
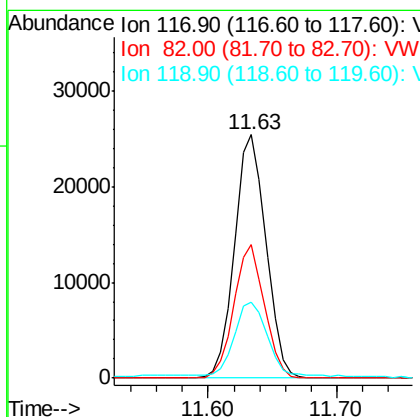
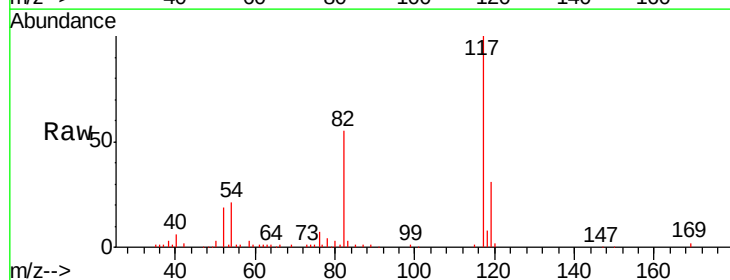
Instrument :
MSVOA_W
ClientSampleId :
P001-SS004-0006-01

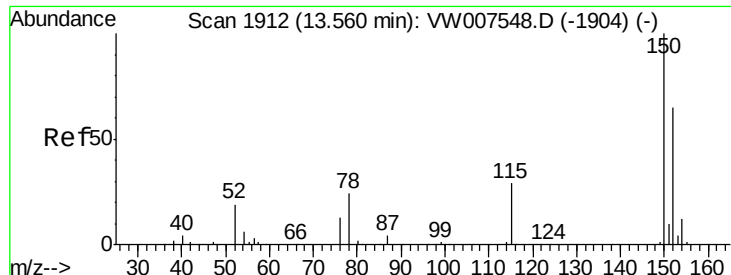
Tgt Ion	Resp	Lower	Upper
95	16925		
174	72.4	0.0	147.2
176	68.8	0.0	138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007660.D
Acq: 18 Dec 2018 16:01

Tgt Ion	Resp	Lower	Upper
117	43031		
82	54.8	42.3	63.5
119	30.0	23.0	34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007660.D

Acq: 18 Dec 2018 16:01

Instrument :

MSVOA_W

ClientSampleId :

P001-SS004-0006-01

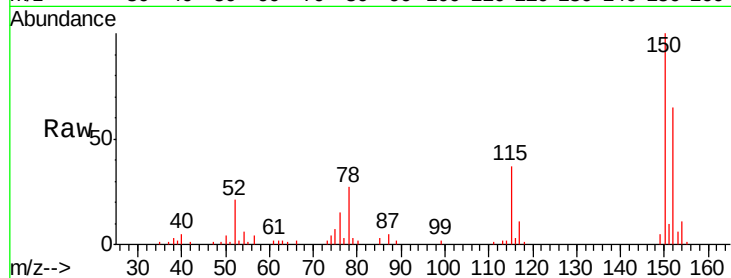
Tgt Ion:152 Resp: 10646

Ion Ratio Lower Upper

152 100

115 60.8 31.4 94.2

150 158.3 0.0 358.4



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

