

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007583.D
 Acq On : 15 Dec 2018 15:44
 Operator : SY/AP
 Sample : J6353-07
 Misc : 5.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-0002-01

Quant Time: Dec 15 22:25:21 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

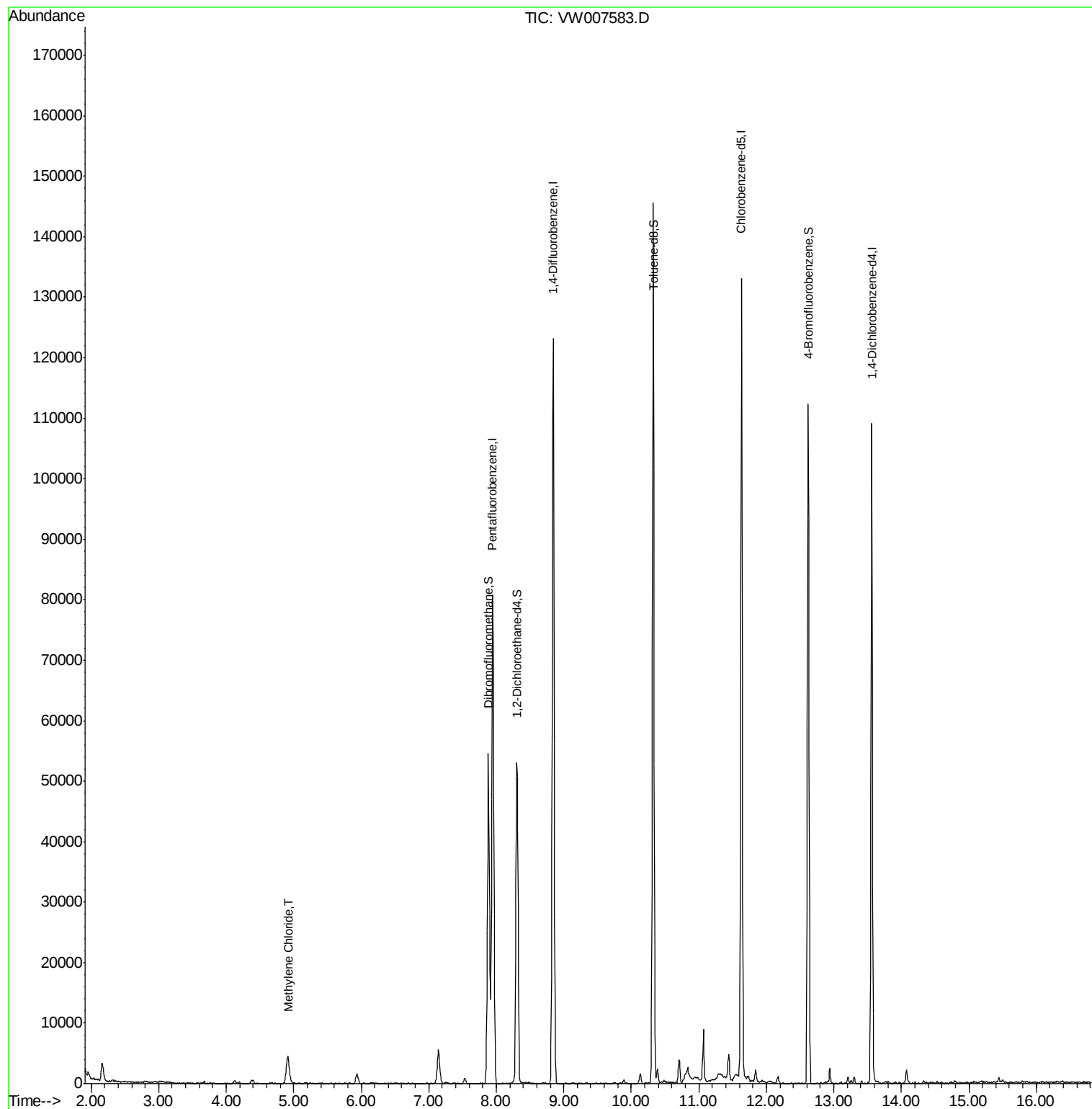
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	59309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	73294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	29060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	45052	68.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.94%	
35) Dibromofluoromethane	7.88	113	38984	59.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.86%	
50) Toluene-d8	10.32	98	98801	40.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.34%	
62) 4-Bromofluorobenzene	12.62	95	36409	40.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.52%	
Target Compounds						
20) Methylene Chloride	4.92	84	3822	2.347	ug/l	Qvalue 92

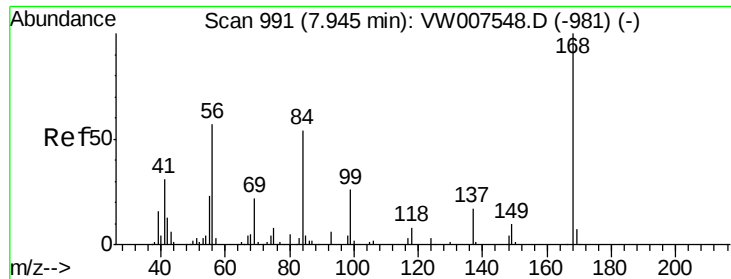
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007583.D

Acq: 15 Dec 2018 15:44

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MSVOA_W

ClientSampleId :

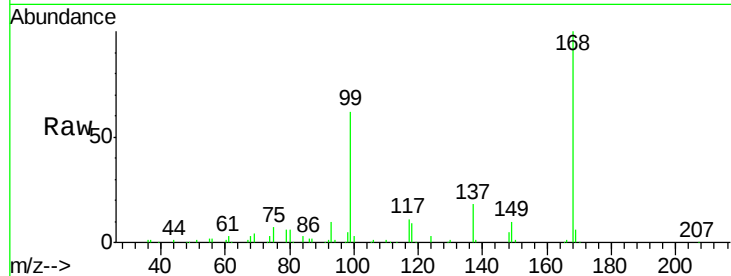
P001-SS004-0002-01

Tgt Ion:168 Resp: 59309

Ion Ratio Lower Upper

168 100

99 62.2 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

30000

25000

20000

15000

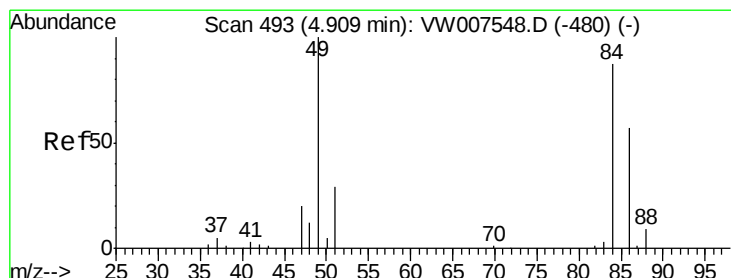
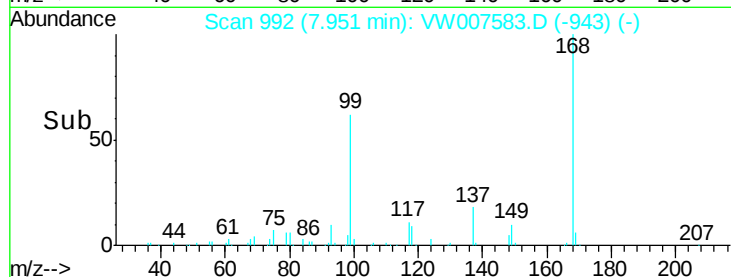
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#20

Methylene Chloride

Concen: 2.347 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007583.D

Acq: 15 Dec 2018 15:44

Tgt Ion: 84 Resp: 3822

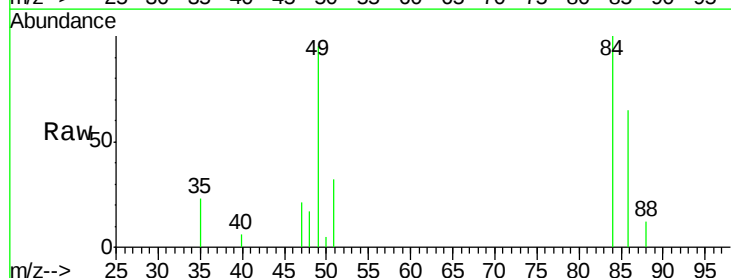
Ion Ratio Lower Upper

84 100

49 95.3 87.1 130.7

51 31.8 28.2 42.2

86 65.4 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

2000

1500

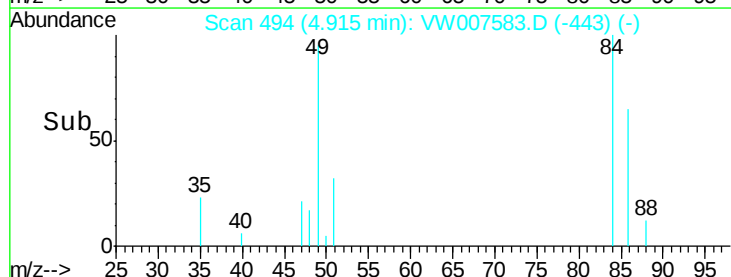
1000

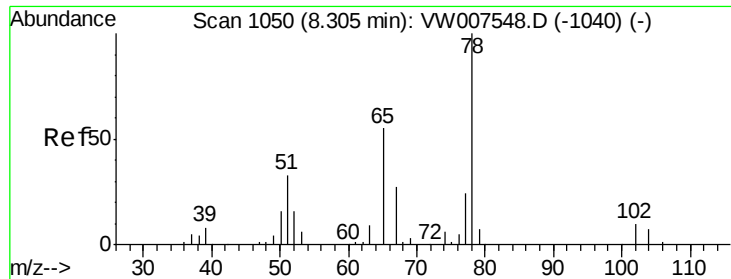
500

0

4.80 4.85 4.90 4.95 5.00

Time-->

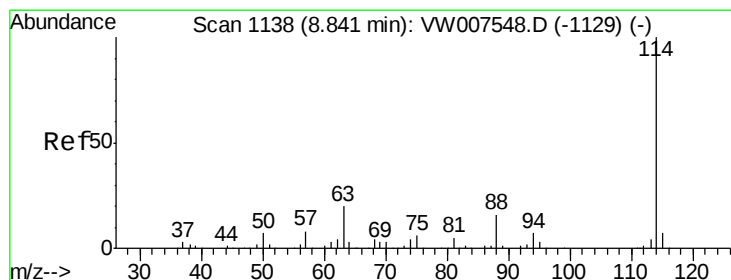
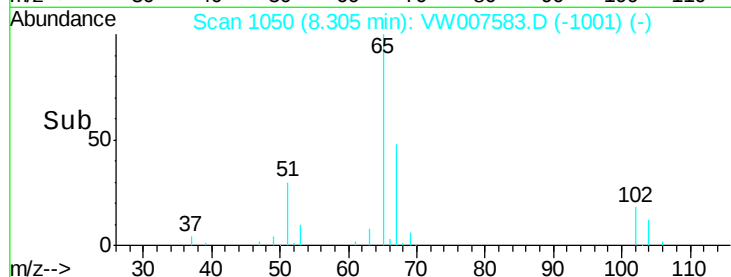
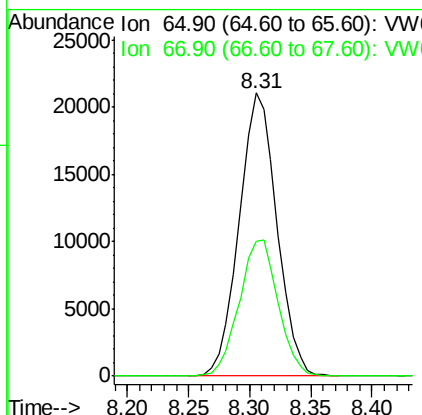
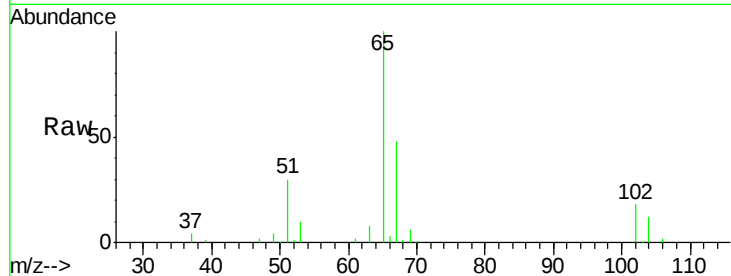




#33
 1,2-Dichloroethane-d4
 Concen: 68.470 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007583.D
 Acq: 15 Dec 2018 15:44

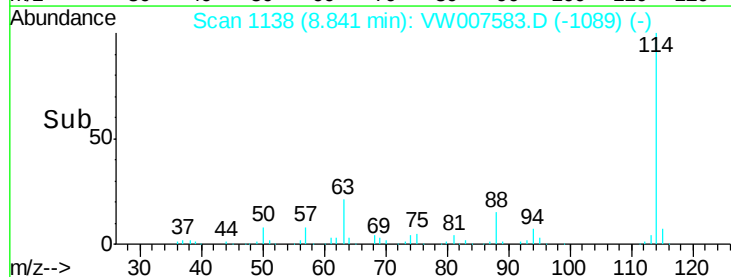
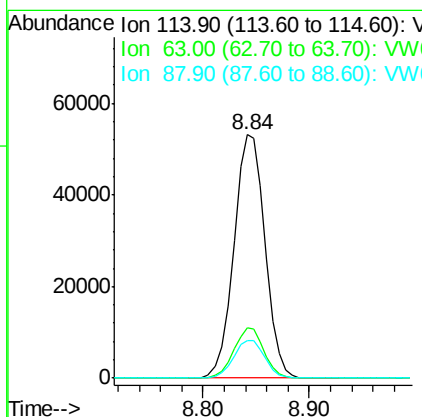
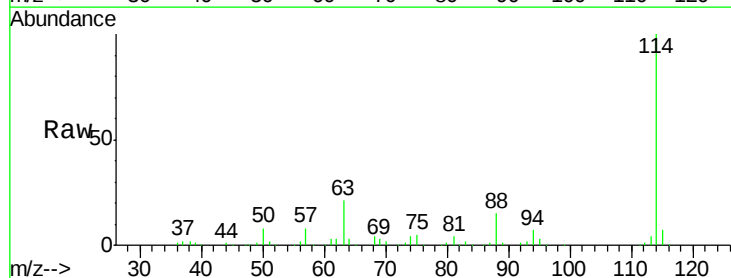
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-0002-01

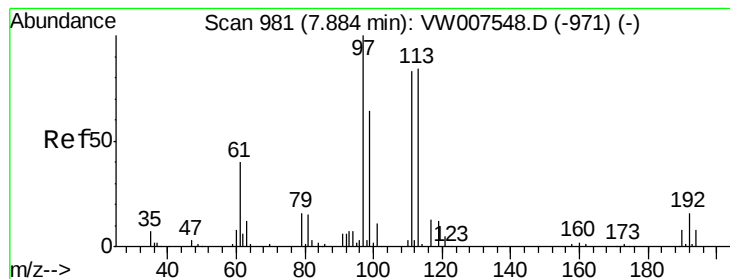
Tgt Ion: 65 Resp: 45052
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007583.D
 Acq: 15 Dec 2018 15:44

Tgt Ion: 114 Resp: 108368
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.6
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 59.427 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007583.D

Acq: 15 Dec 2018 15:44

Instrument :

MSVOA_W

ClientSampleId :

P001-SS004-0002-01

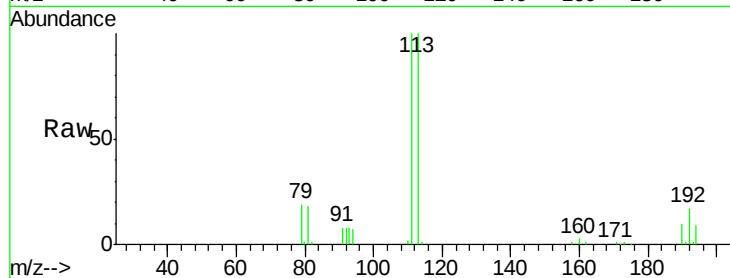
Tgt Ion:113 Resp: 38984

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

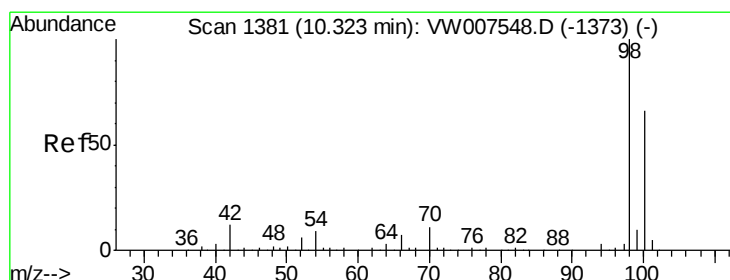
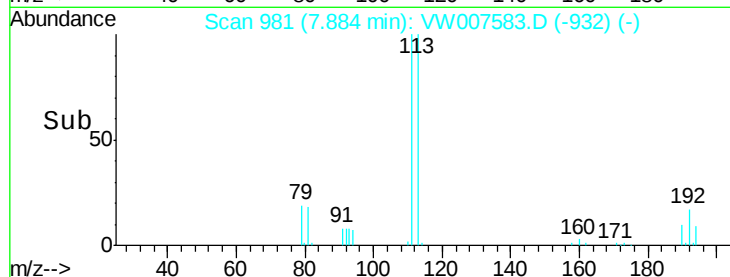
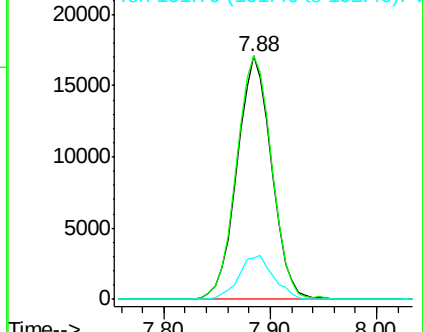
192 17.8 14.6 21.8



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



#50

Toluene-d8

Concen: 40.169 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007583.D

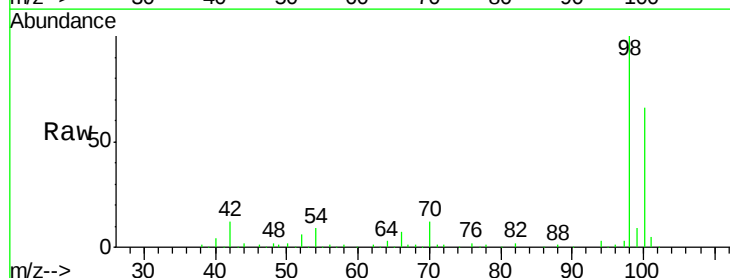
Acq: 15 Dec 2018 15:44

Tgt Ion: 98 Resp: 98801

Ion Ratio Lower Upper

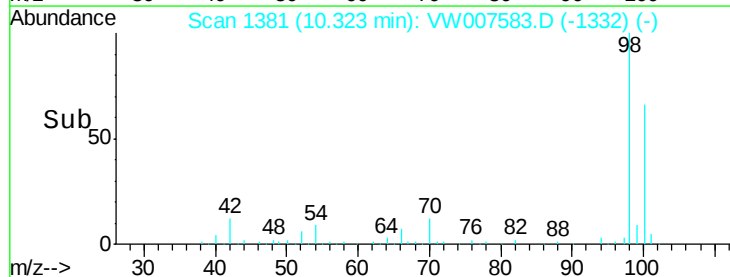
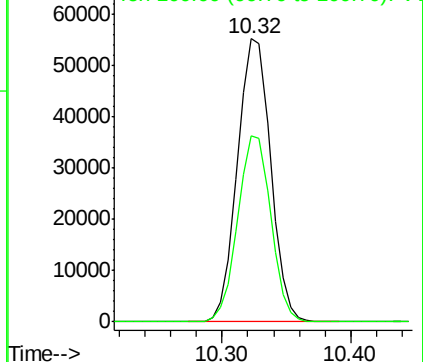
98 100

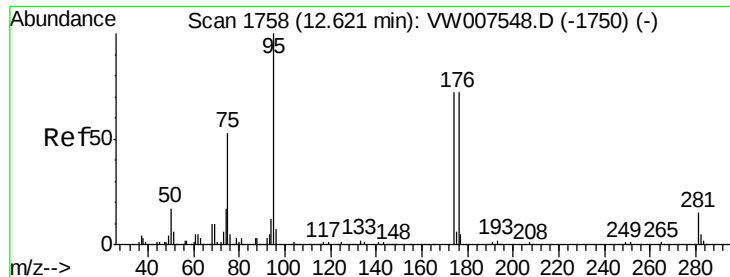
100 65.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

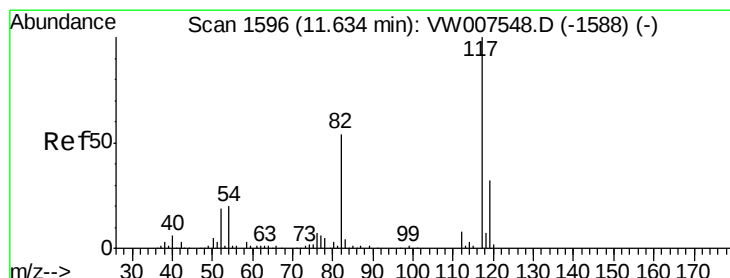
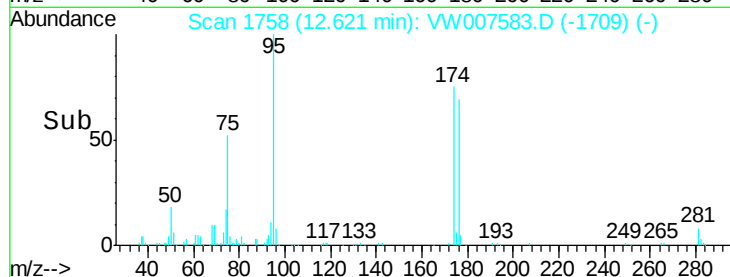
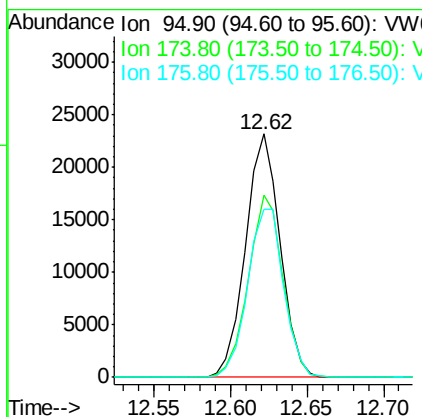
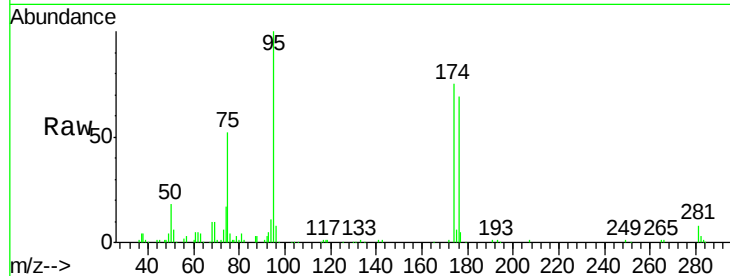




#62
4-Bromofluorobenzene
Concen: 40.260 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007583.D
Acq: 15 Dec 2018 15:44

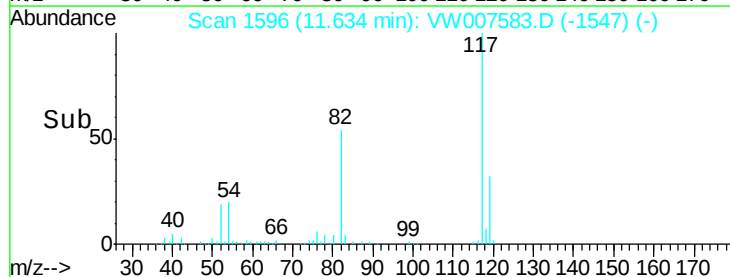
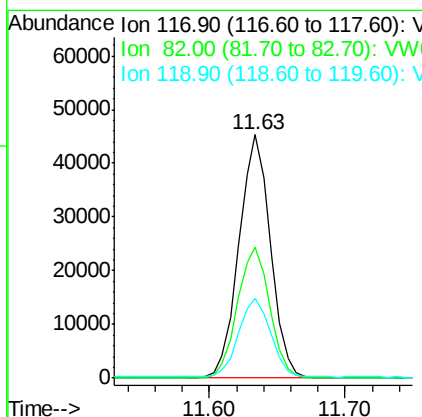
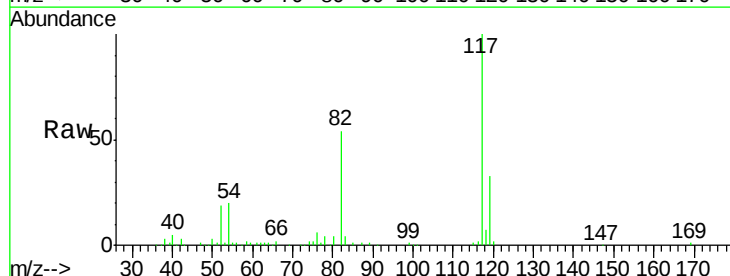
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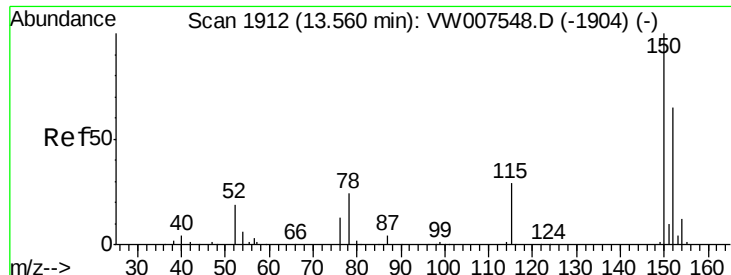
Tgt Ion: 95 Resp: 36409
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.2
176 72.3 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007583.D
Acq: 15 Dec 2018 15:44

Tgt Ion: 117 Resp: 73294
Ion Ratio Lower Upper
117 100
82 54.0 42.3 63.5
119 32.6 23.0 34.6

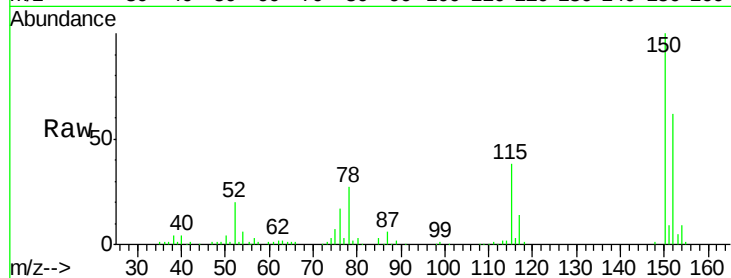




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007583.D
 Acq: 15 Dec 2018 15:44

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-0002-01

Tgt Ion:152 Resp: 29060
 Ion Ratio Lower Upper
 152 100
 115 61.0 31.4 94.2
 150 156.7 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

