

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007642.D
 Acq On : 17 Dec 2018 19:50
 Operator : SY/AP
 Sample : J6379-01RE
 Misc : 5.90G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS002-1824-01RE

Quant Time: Dec 18 08:00:01 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

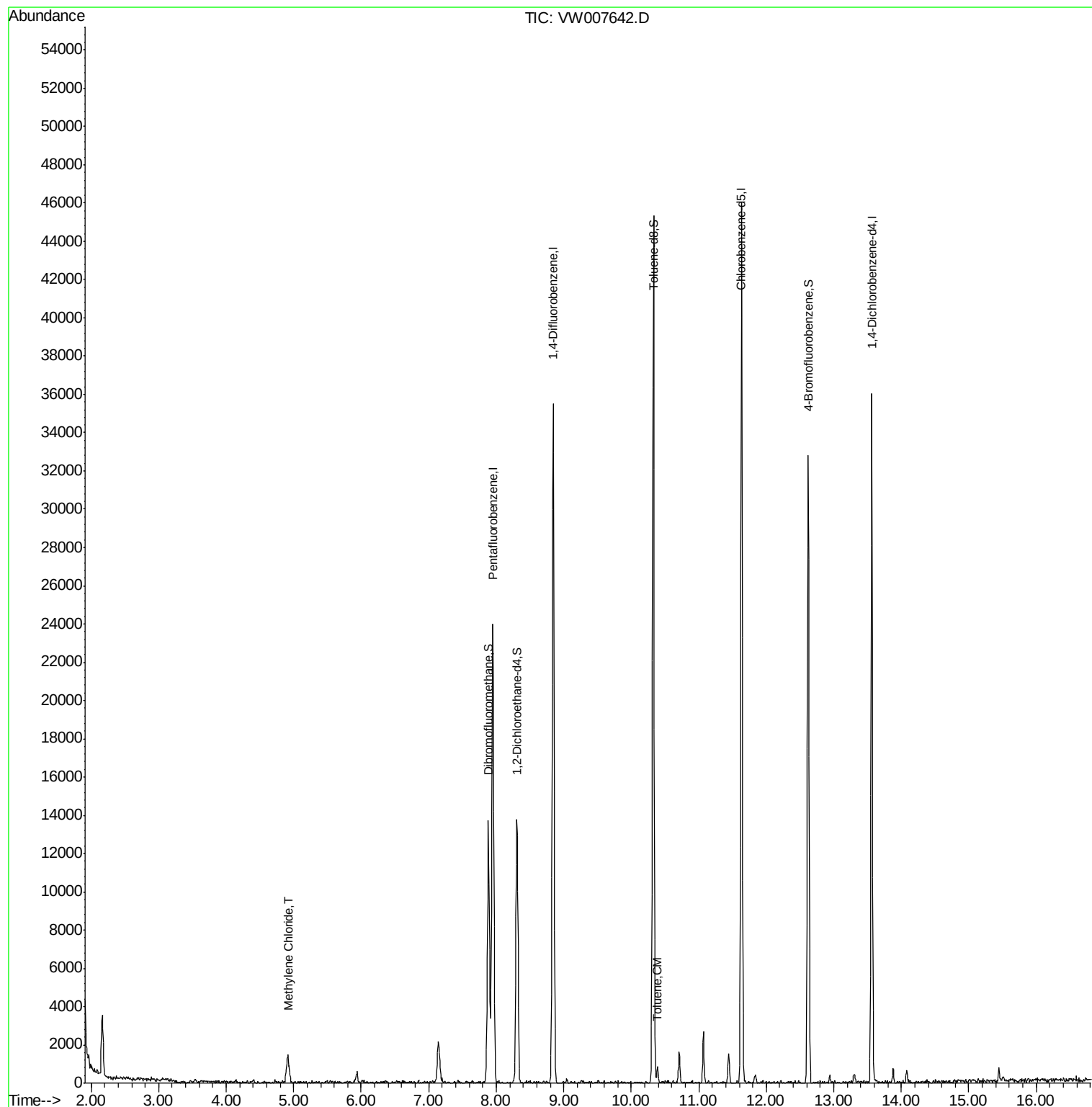
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	17648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	29997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	26044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	9832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11340	57.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.84%	
35) Dibromofluoromethane	7.88	113	9732	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
50) Toluene-d8	10.33	98	31596	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
62) 4-Bromofluorobenzene	12.62	95	10431	41.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.34%	
Target Compounds						
20) Methylene Chloride	4.92	84	1211	2.775	ug/l #	90
52) Toluene	10.39	92	520	1.058	ug/l #	73

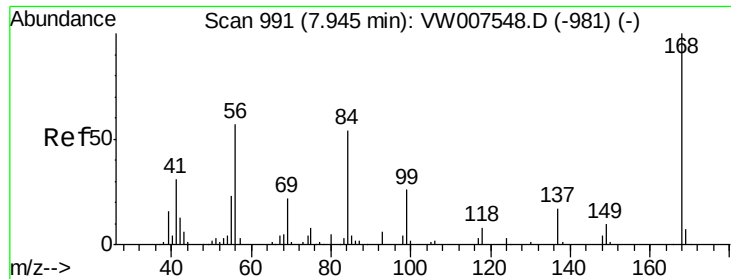
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007642.D

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MSVOA_W

ClientSampleId :

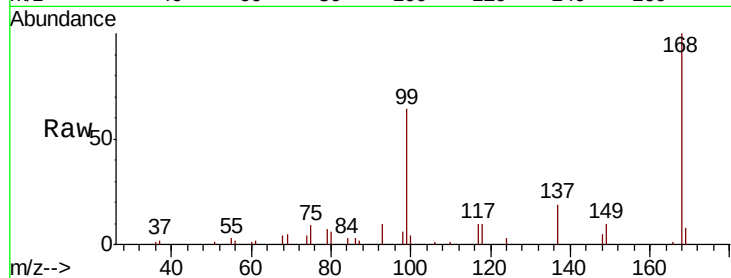
P001-SS002-1824-01RE

Tot Ion:168 Resp: 17648

Ion Ratio Lower Upper

168 100

99 64.2 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

8000

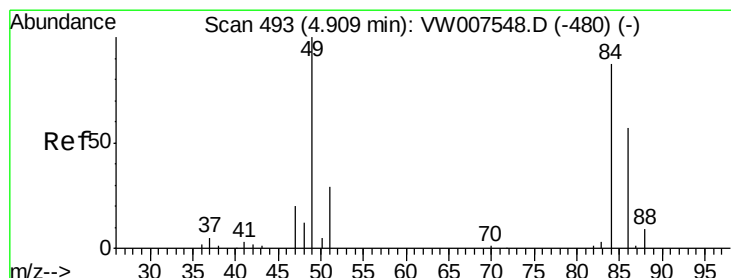
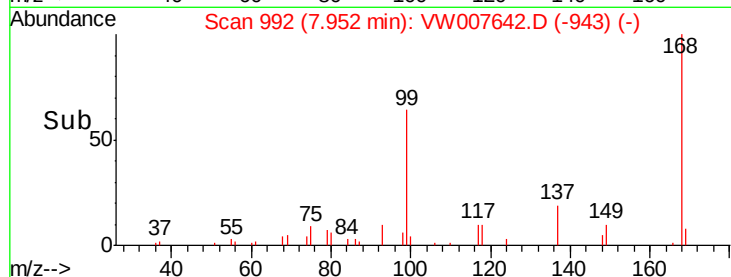
6000

4000

2000

0

Time--> 7.85 7.90 7.95 8.00



#20

Methylene Chloride

Concen: 2.775 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007642.D

Acq: 17 Dec 2018 19:50

Tgt Ion: 84 Resp: 1211

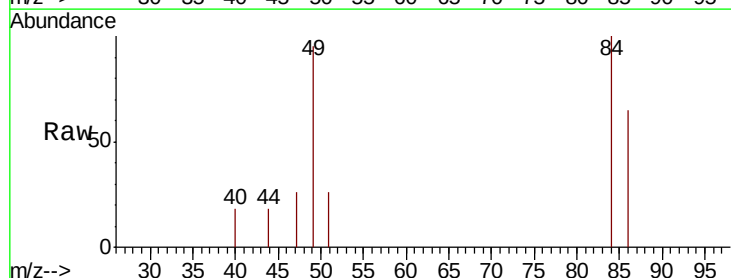
Ion Ratio Lower Upper

84 100

49 94.6 87.1 130.7

51 26.2 28.2 42.2#

86 65.1 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

4.92

600

500

400

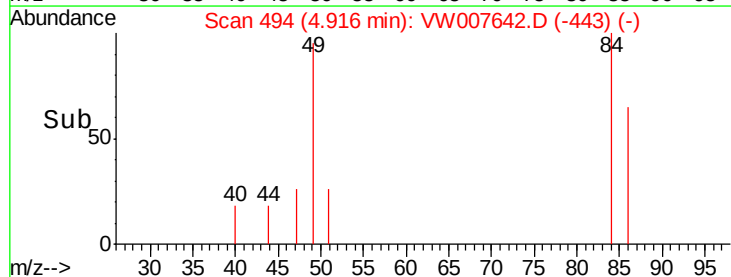
300

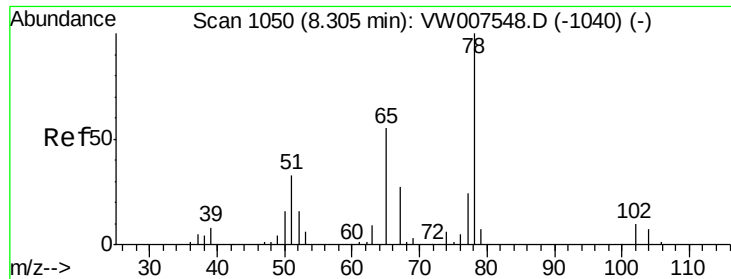
200

100

0

Time--> 4.85 4.90 4.95 5.00

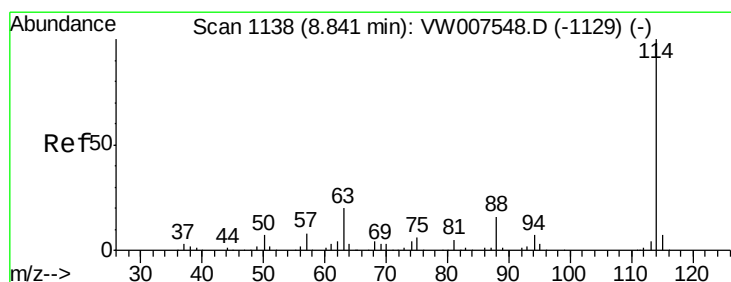
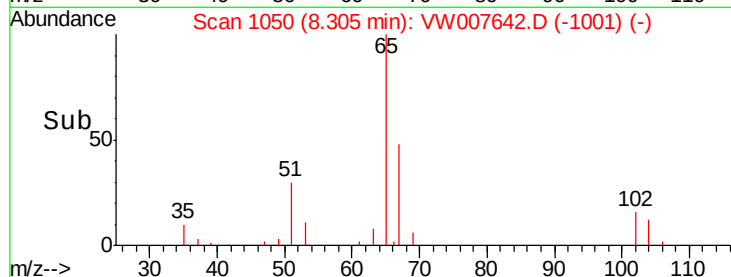
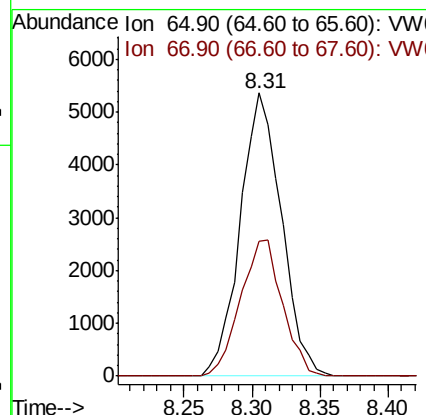
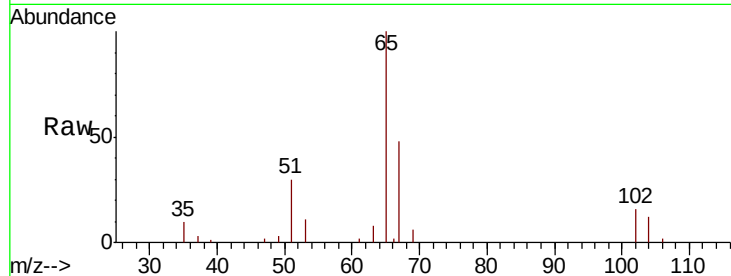




#33
 1,2-Dichloroethane-d4
 Concen: 57.919 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007642.D
 Acq: 17 Dec 2018 19:50

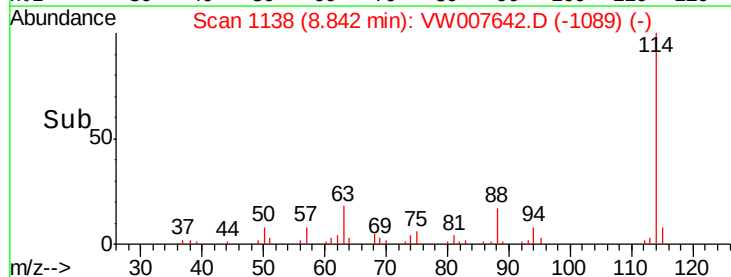
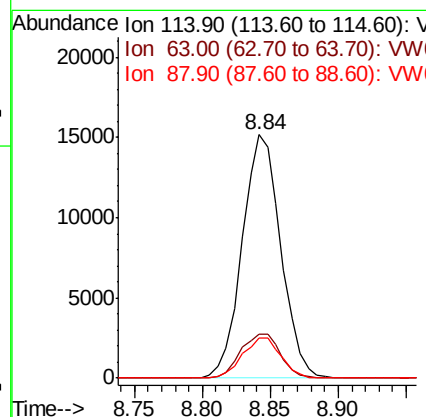
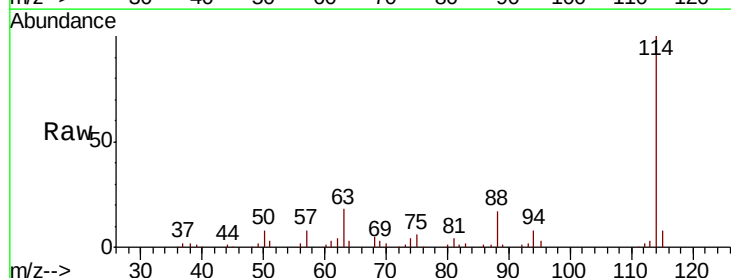
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS002-1824-01RE

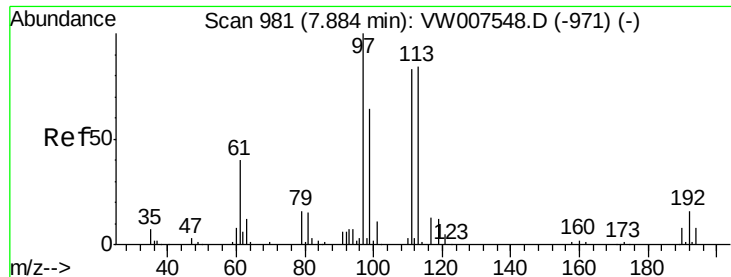
Tot Ion: 65 Resp: 11340
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007642.D
 Acq: 17 Dec 2018 19:50

Tgt Ion: 114 Resp: 29997
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.6
 88 16.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.595 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007642.D

Acq: 17 Dec 2018 19:50

Instrument :

MSVOA_W

ClientSampleId :

P001-SS002-1824-01RE

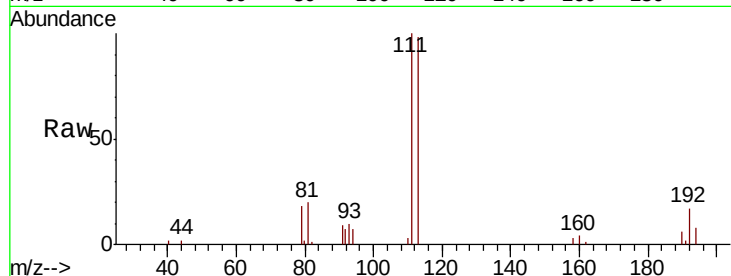
Tot Ion:113 Resp: 9732

Ion Ratio Lower Upper

113 100

111 104.7 81.1 121.7

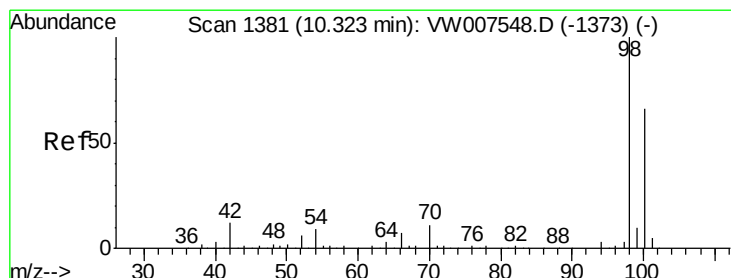
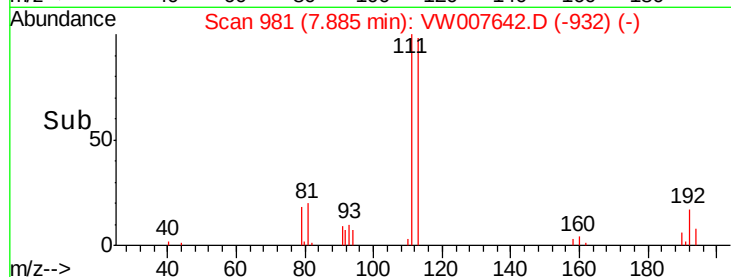
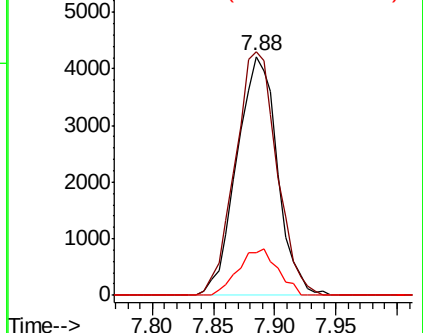
192 18.7 14.6 21.8



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: 46.407 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW007642.D

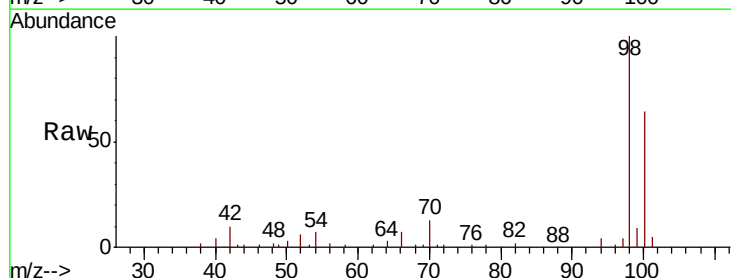
Acq: 17 Dec 2018 19:50

Tgt Ion: 98 Resp: 31596

Ion Ratio Lower Upper

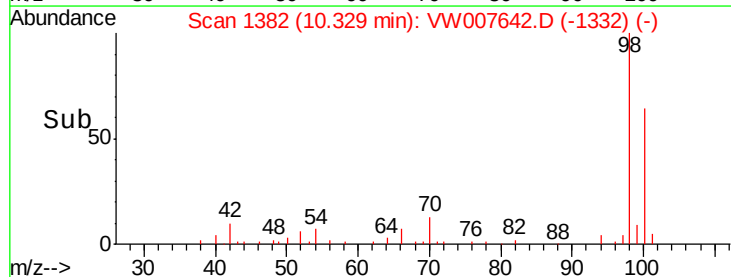
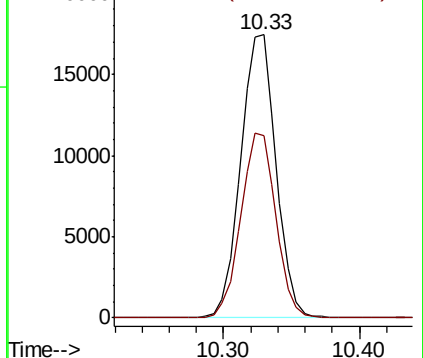
98 100

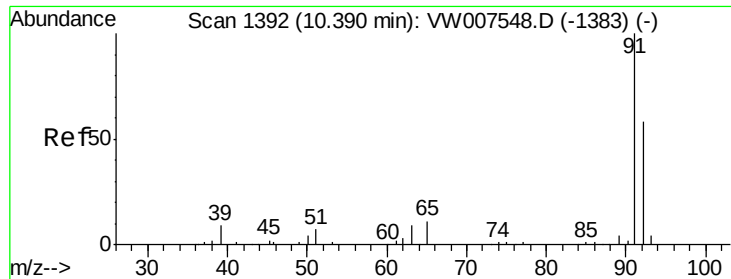
100 64.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.058 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007642.D

Acq: 17 Dec 2018 19:50

Instrument :

MSVOA_W

ClientSampleId :

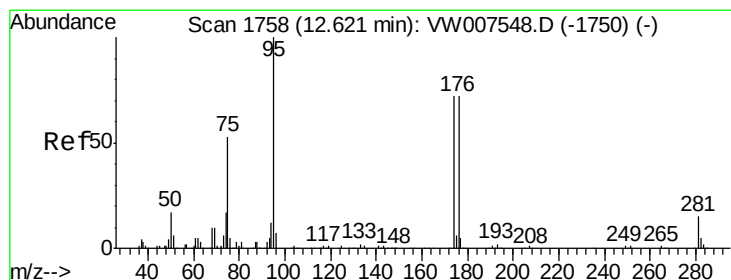
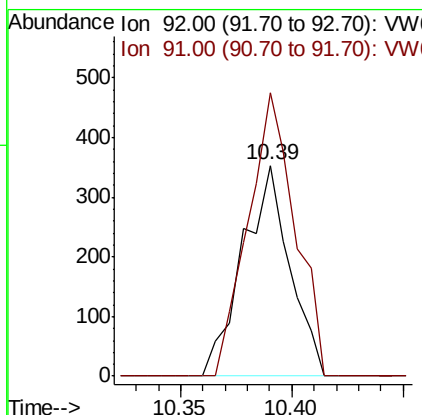
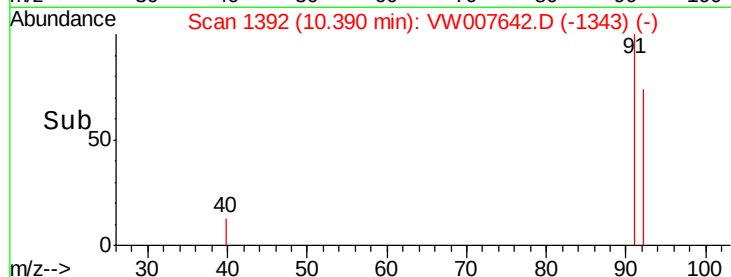
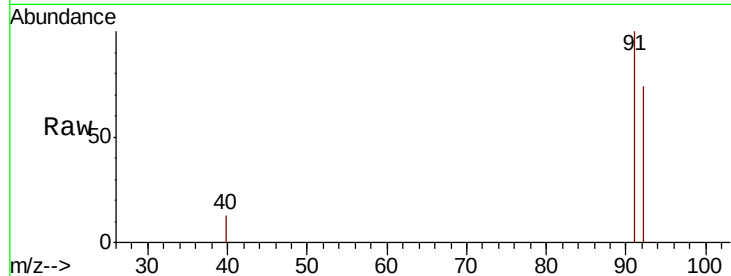
P001-SS002-1824-01RE

Tot Ion: 92 Resp: 520

Ion Ratio Lower Upper

92 100

91 133.7 136.2 204.2#



#62

4-Bromofluorobenzene

Concen: 41.670 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007642.D

Acq: 17 Dec 2018 19:50

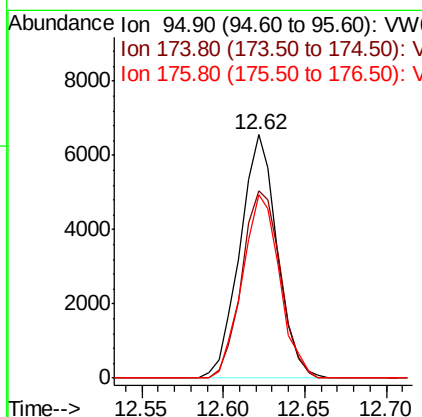
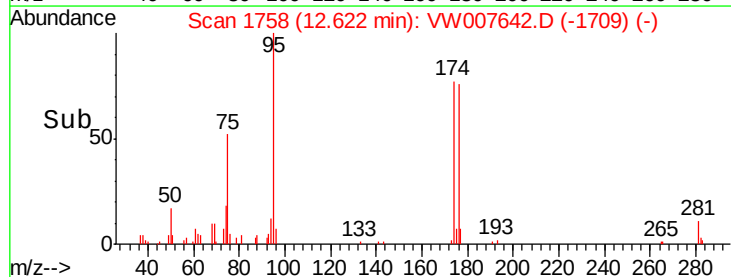
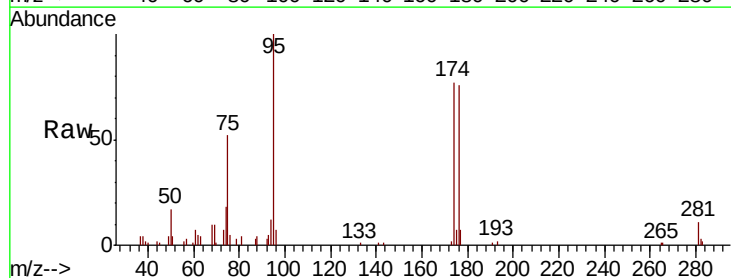
Tgt Ion: 95 Resp: 10431

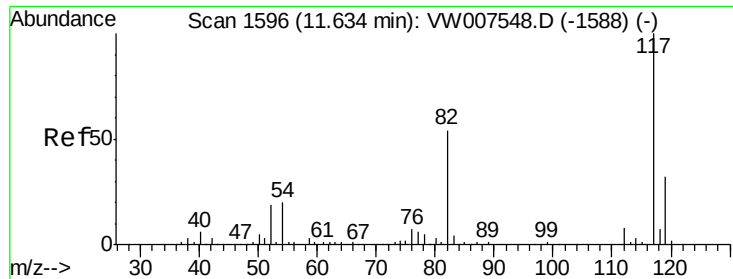
Ion Ratio Lower Upper

95 100

174 79.7 0.0 147.2

176 75.5 0.0 138.8

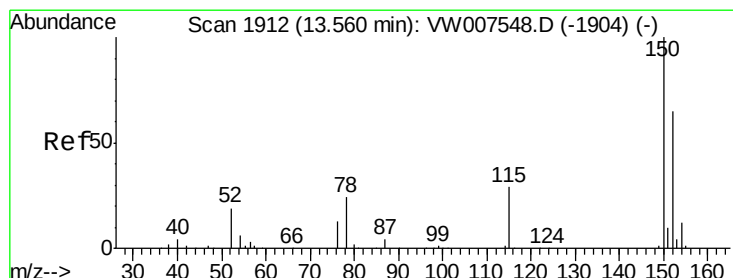
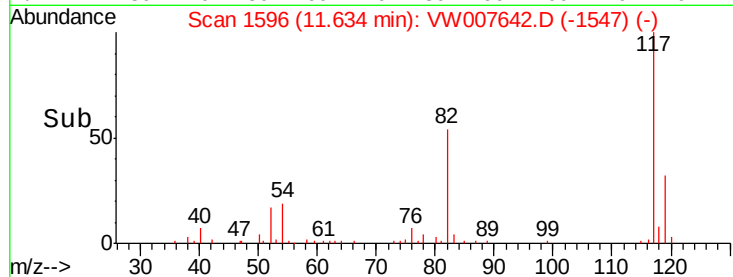
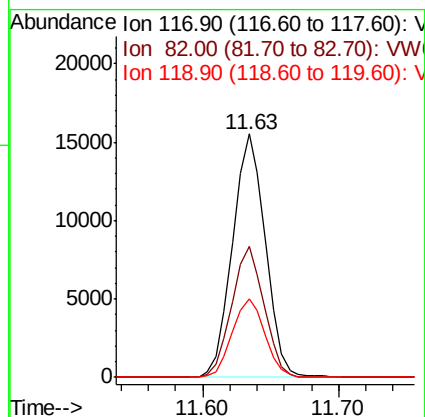
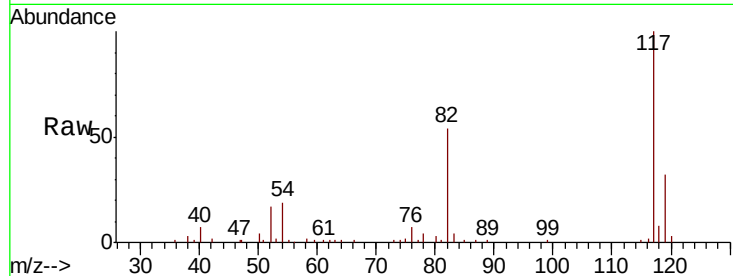




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007642.D
Acq: 17 Dec 2018 19:50

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-1824-01RE

Tot Ion:117 Resp: 26044
Ion Ratio Lower Upper
117 100
82 53.7 42.3 63.5
119 32.4 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: VW007642.D
Acq: 17 Dec 2018 19:50

Tgt Ion:152 Resp: 9832
Ion Ratio Lower Upper
152 100
115 60.9 31.4 94.2
150 153.0 0.0 358.4

