

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007640.D
 Acq On : 17 Dec 2018 18:58
 Operator : SY/AP
 Sample : J6378-22
 Misc : 4.78G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS002-0006-01

Quant Time: Dec 18 07:50:54 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

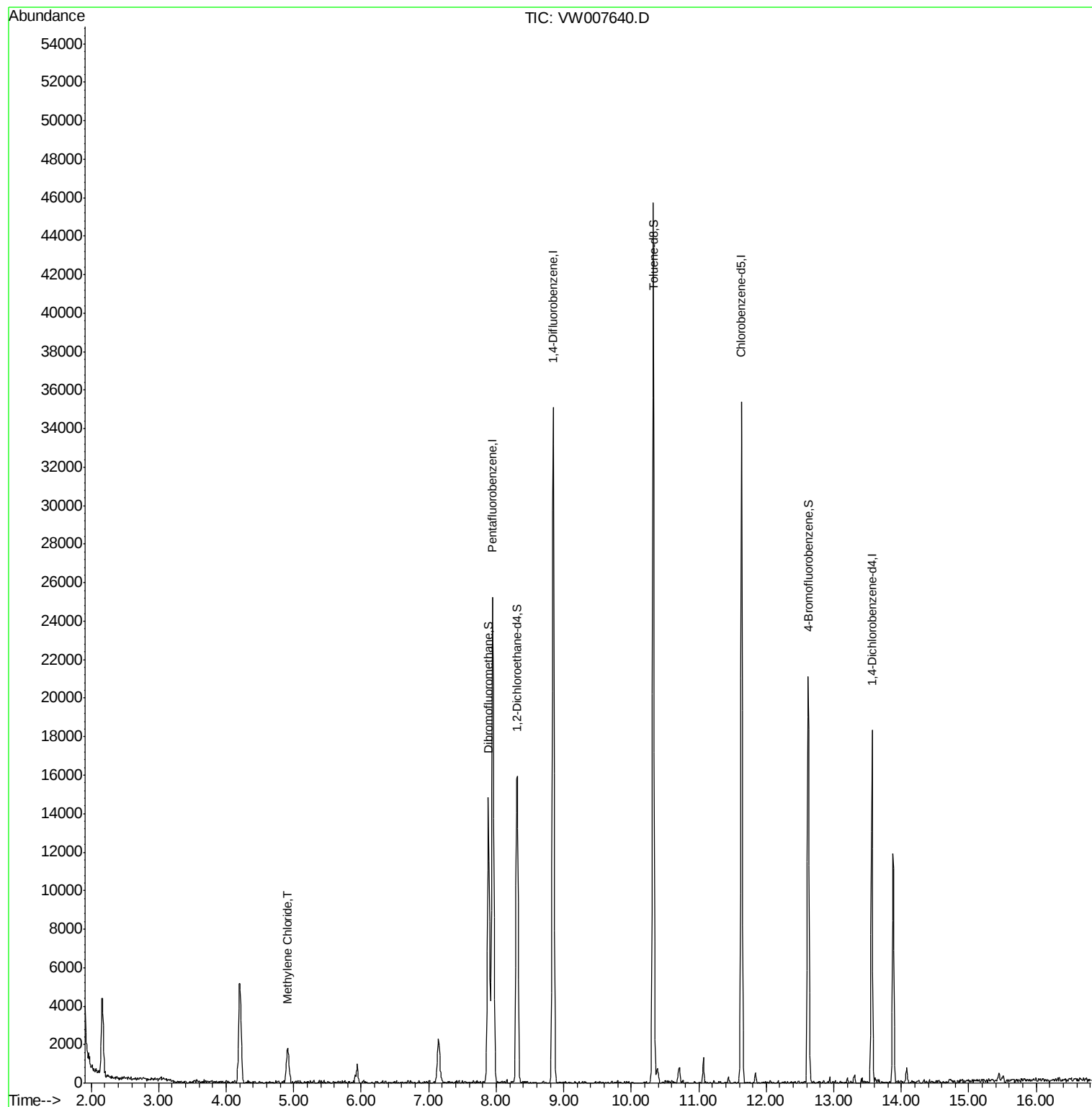
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	18912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	30002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	20477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	14000	66.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.46%	
35) Dibromofluoromethane	7.88	113	10691	58.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.74%	
50) Toluene-d8	10.32	98	30618	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
62) 4-Bromofluorobenzene	12.62	95	6980	27.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.76%	
Target Compounds						
20) Methylene Chloride	4.92	84	1405	3.356	ug/l #	Qvalue 87

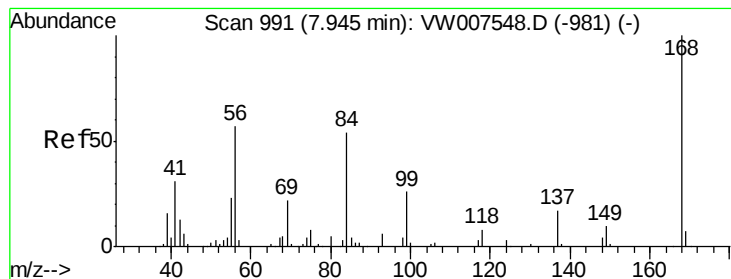
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007640.D

Acq: 17 Dec 2018 18:58

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ClientSampleId :

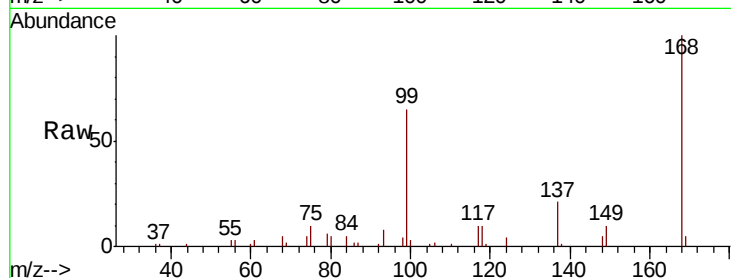
P001-SS002-0006-01

Tot Ion:168 Resp: 18912

Ion Ratio Lower Upper

168 100

99 65.1 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

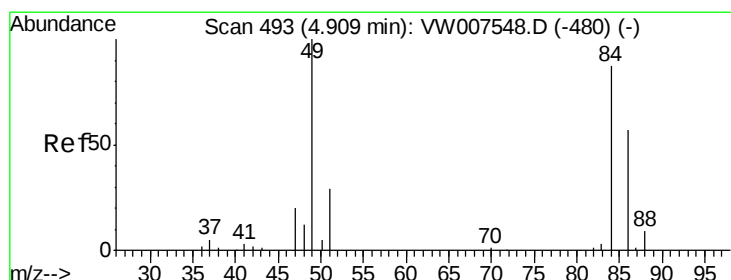
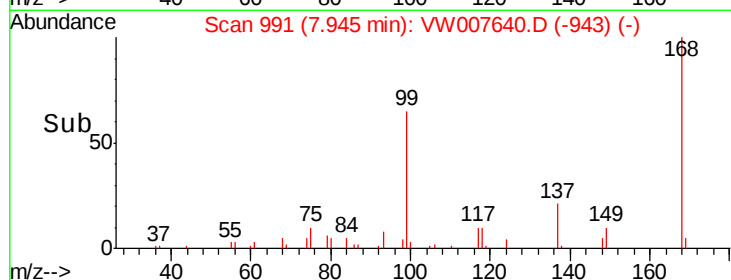
6000

4000

2000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 3.356 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007640.D

Acq: 17 Dec 2018 18:58

Tgt Ion: 84 Resp: 1405

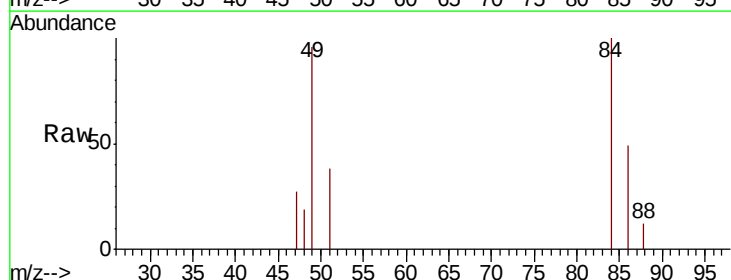
Ion Ratio Lower Upper

84 100

49 96.4 87.1 130.7

51 37.9 28.2 42.2

86 49.5 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

800

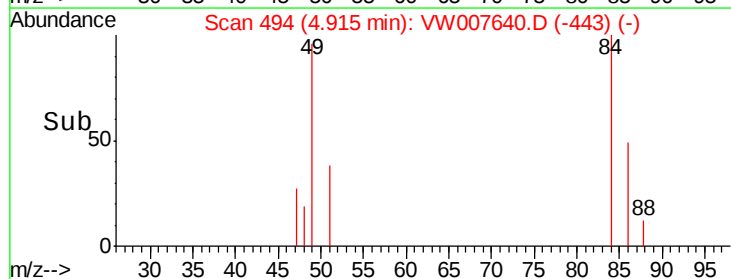
600

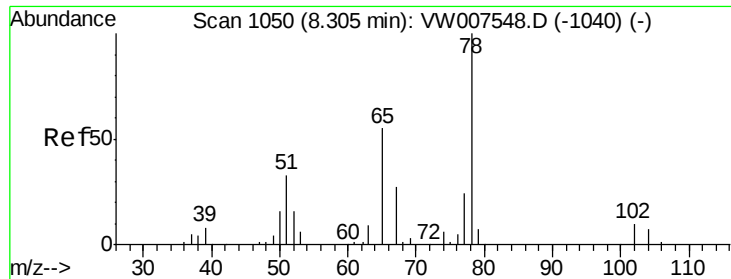
400

200

0

Time--> 4.85 4.90 4.95

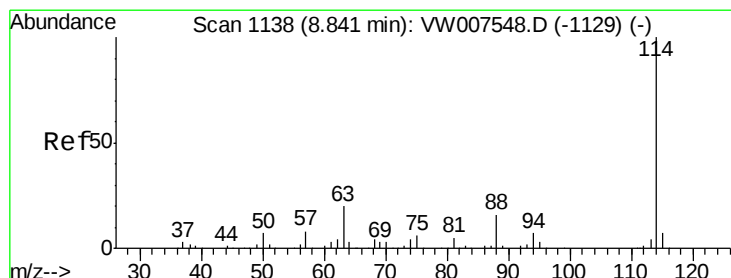
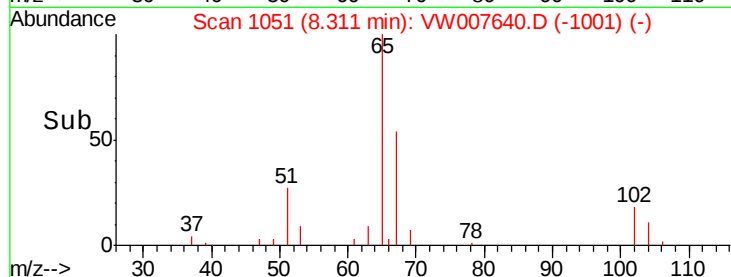
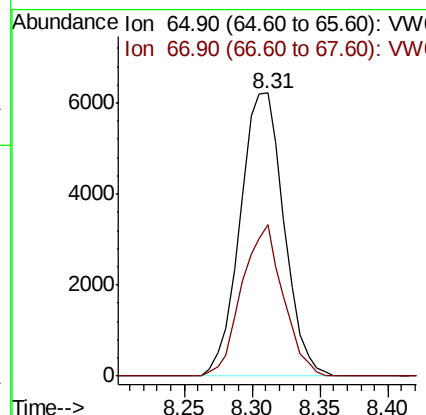
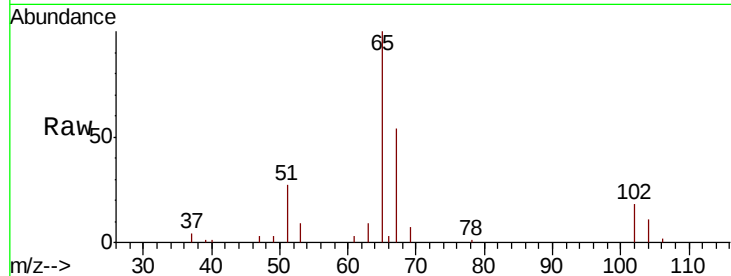




#33
 1,2-Dichloroethane-d4
 Concen: 66.726 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW007640.D
 Acq: 17 Dec 2018 18:58

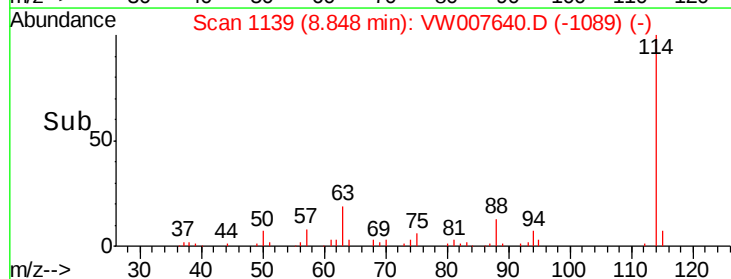
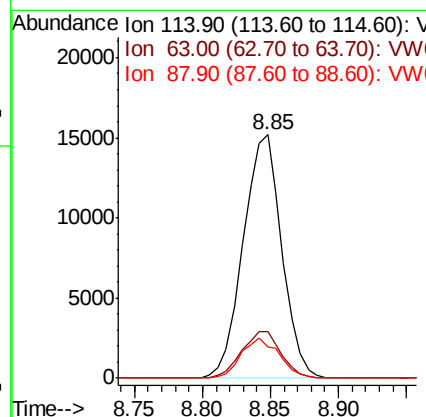
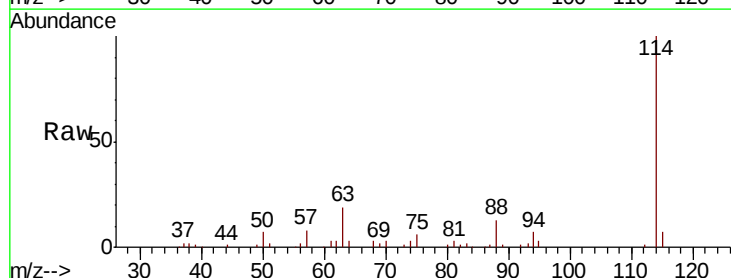
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 MSVOA_W
 ClientSampleId :
 P001-SS002-0006-01

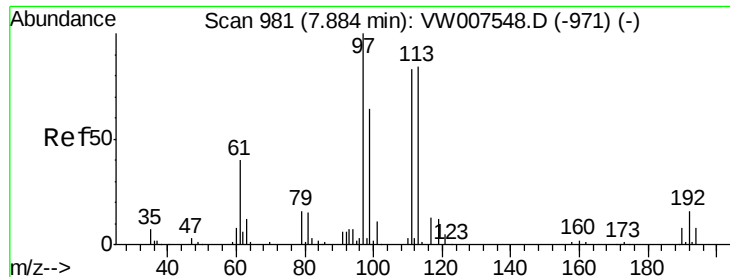
Tot Ion: 65 Resp: 14000
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW007640.D
 Acq: 17 Dec 2018 18:58

Tgt Ion: 114 Resp: 30002
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 12.8 0.0 31.4

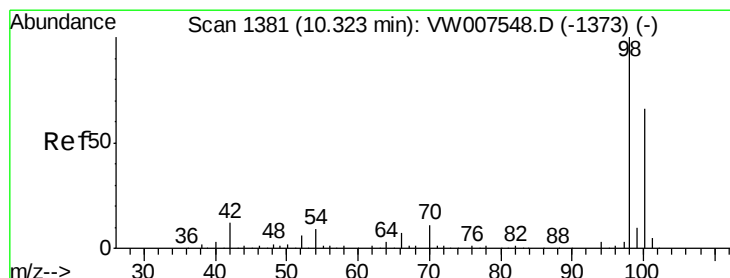
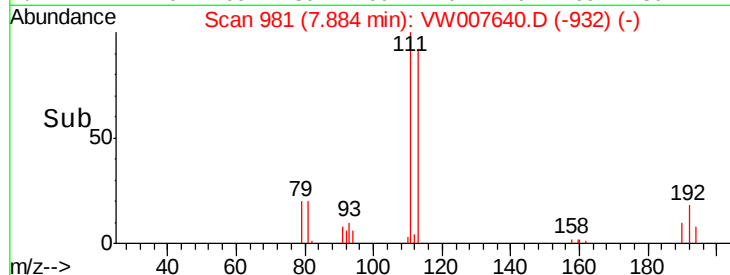
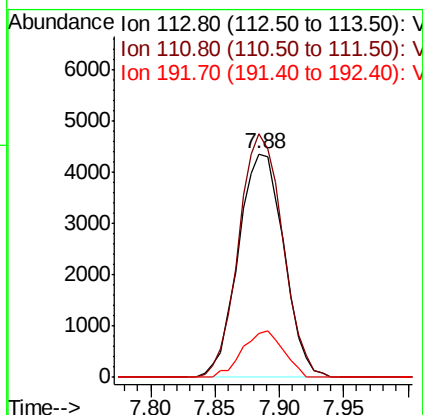
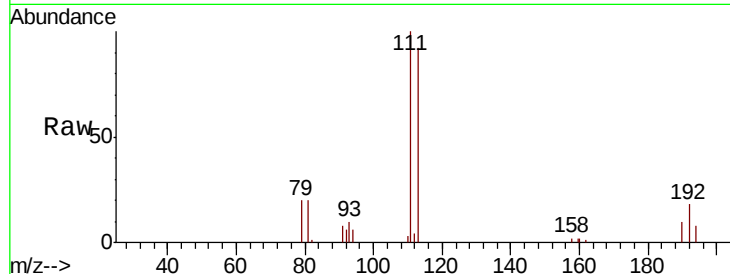




#35
 Dibromofluoromethane
 Concen: 58.867 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007640.D
 Acq: 17 Dec 2018 18:58

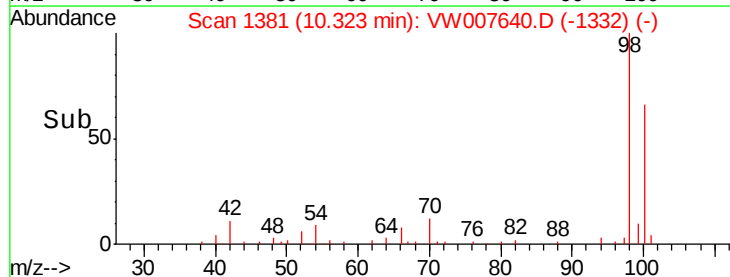
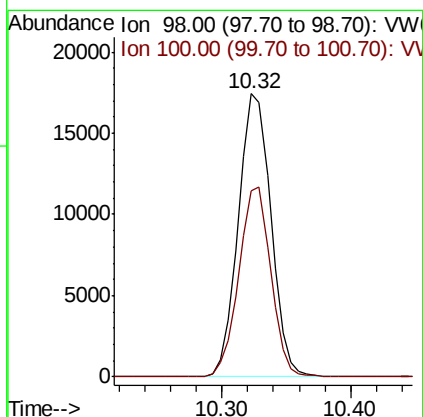
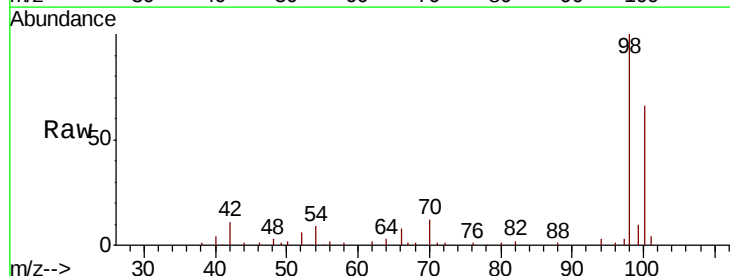
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS002-0006-01

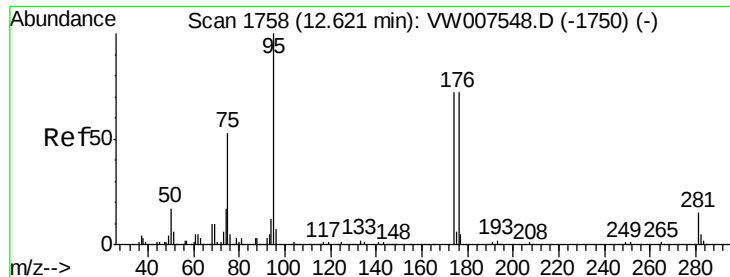
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.3	81.1	121.7
192	18.6	14.6	21.8



#50
 Toluene-d8
 Concen: 44.963 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007640.D
 Acq: 17 Dec 2018 18:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.8	77.8

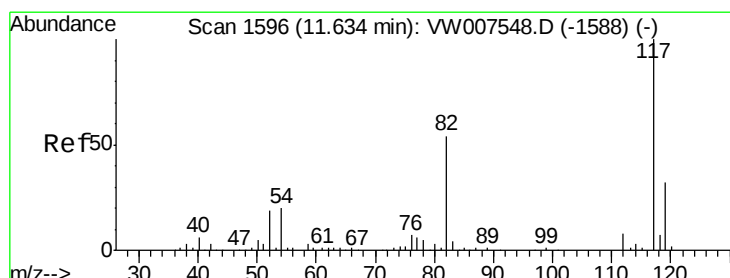
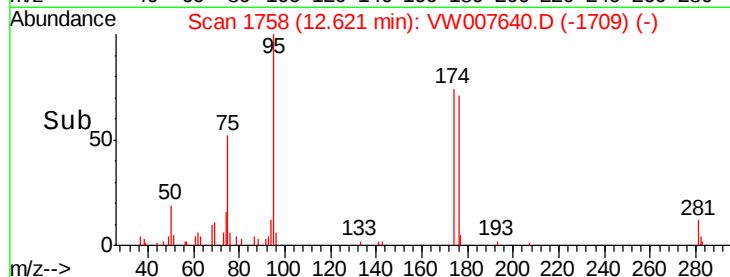
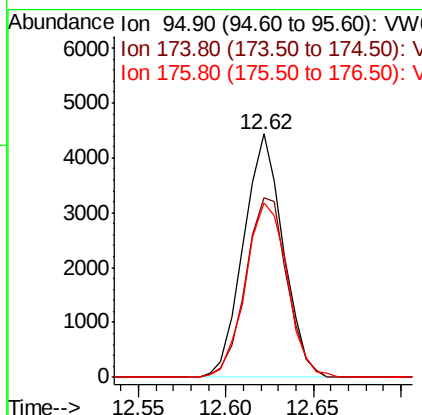
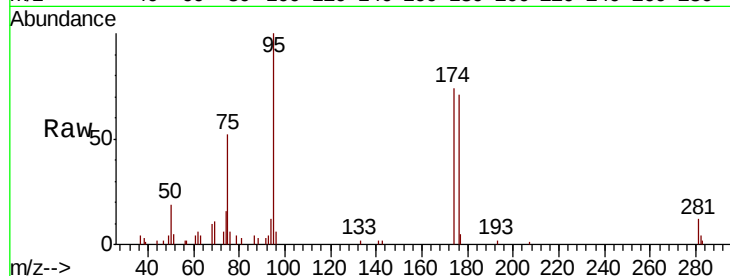




#62
4-Bromofluorobenzene
Concen: 27.879 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007640.D
Acq: 17 Dec 2018 18:58

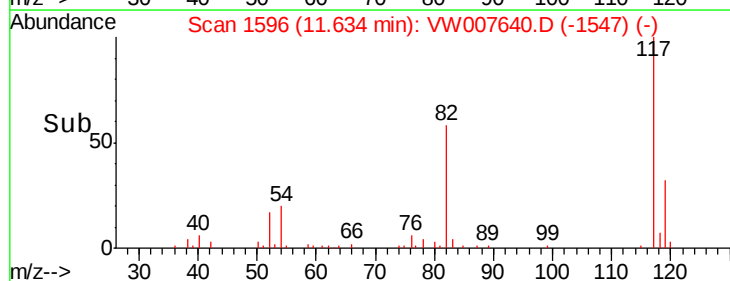
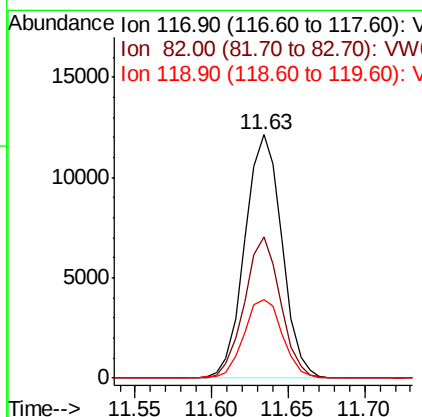
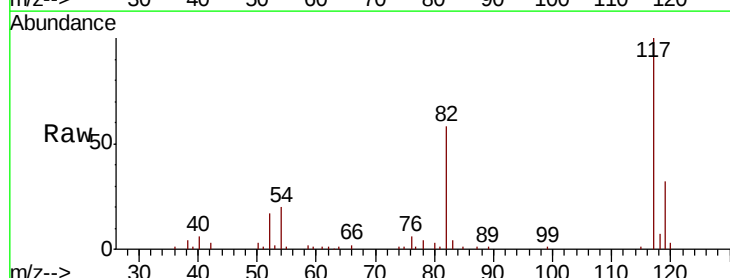
Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0006-01

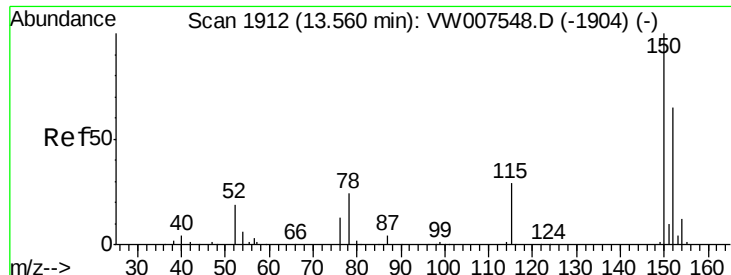
Tot Ion: 95 Resp: 6980
Ion Ratio Lower Upper
95 100
174 77.2 0.0 147.2
176 75.5 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007640.D
Acq: 17 Dec 2018 18:58

Tgt Ion: 117 Resp: 20477
Ion Ratio Lower Upper
117 100
82 57.7 42.3 63.5
119 32.3 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: VW007640.D

Acq: 17 Dec 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

P001-SS002-0006-01

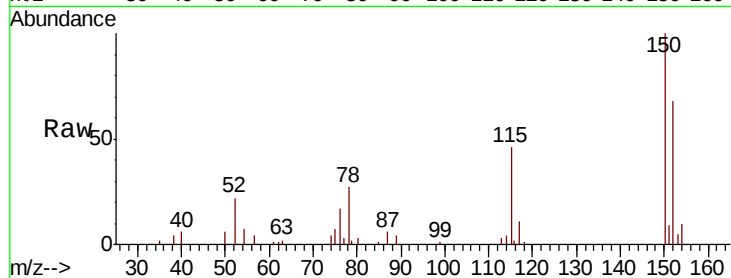
Tot Ion:152 Resp: 5159

Ion Ratio Lower Upper

152 100

115 60.7 31.4 94.2

150 154.7 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

