

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007621.D
 Acq On : 16 Dec 2018 09:52
 Operator : SY/AP
 Sample : J6379-03
 Misc : 5.42G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS003-0612-01

Quant Time: Dec 17 01:16:55 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

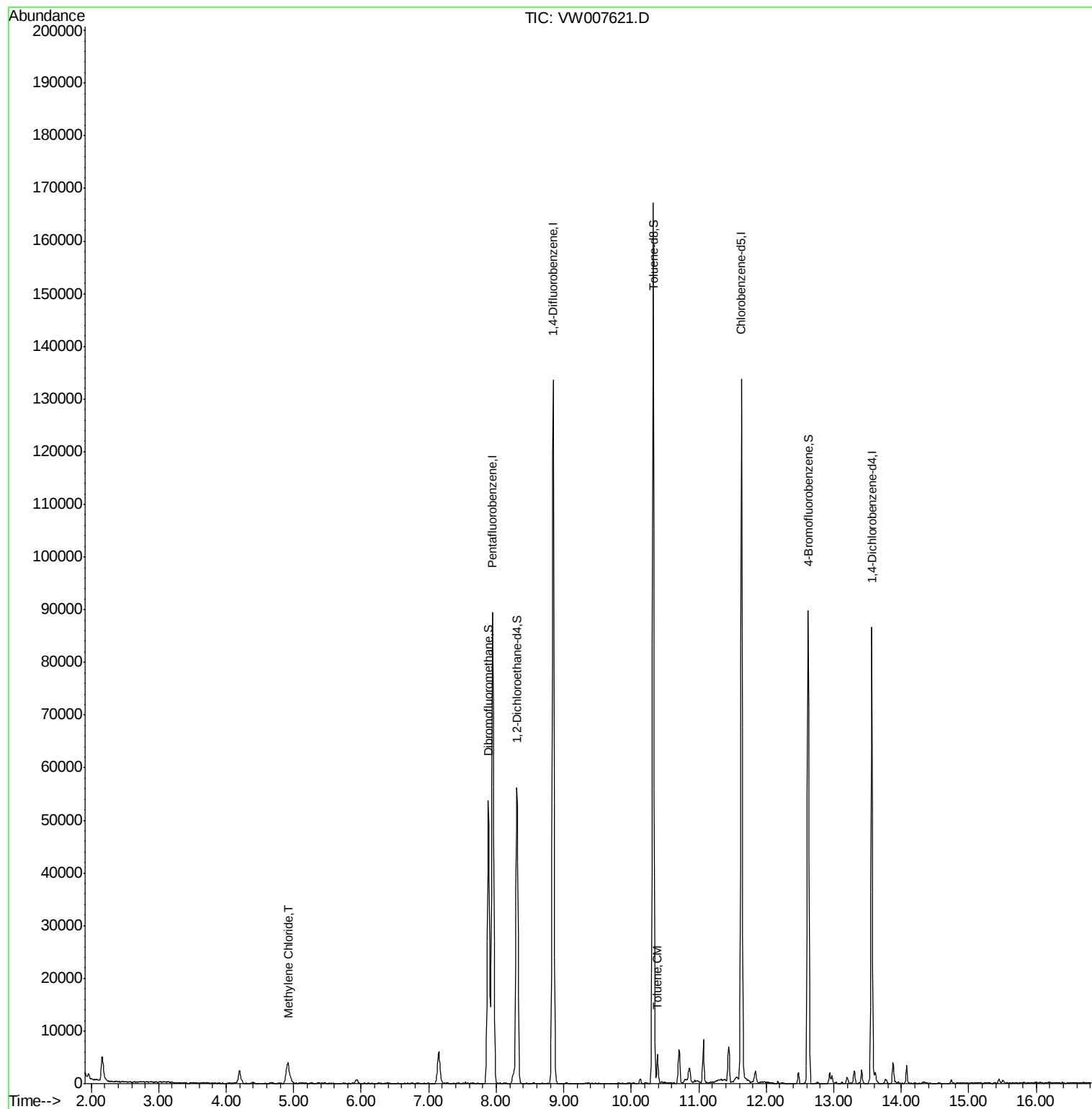
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	65357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	113266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	79827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	20915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	45401	62.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.22%	
35) Dibromofluoromethane	7.88	113	39191	57.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.32%	
50) Toluene-d8	10.32	98	112161	43.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.26%	
62) 4-Bromofluorobenzene	12.62	95	27609	29.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.42%	
Target Compounds						
20) Methylene Chloride	4.92	84	3736	1.602	ug/l	88
52) Toluene	10.39	92	2161	1.165	ug/l	99

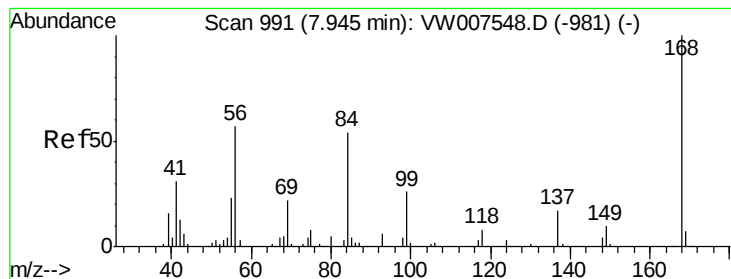
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

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MSVOA_W

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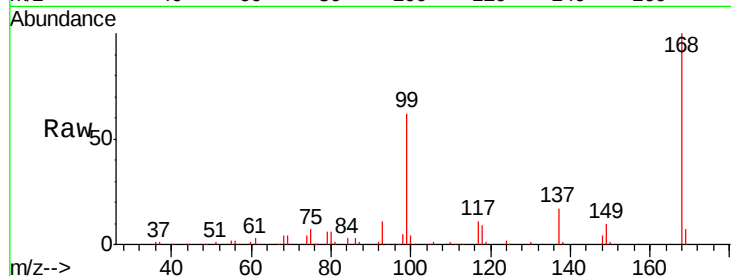
P001-SS003-0612-01

Tgt Ion:168 Resp: 65357

Ion Ratio Lower Upper

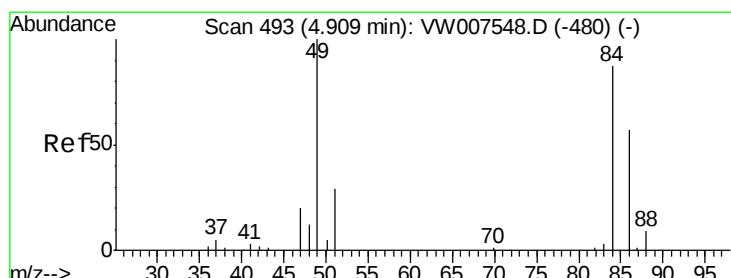
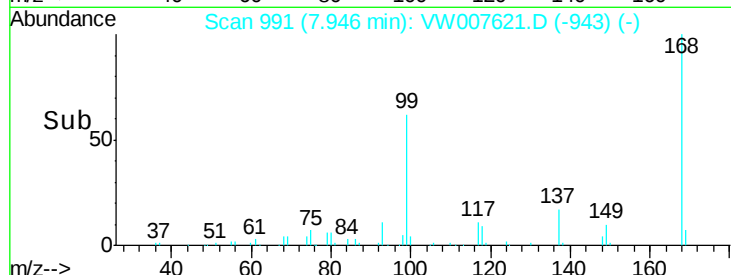
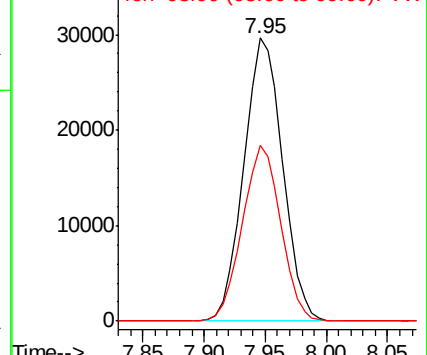
168 100

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



#20

Methylene Chloride

Concen: 1.602 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007621.D

Acq: 16 Dec 2018 09:52

Tgt Ion: 84 Resp: 3736

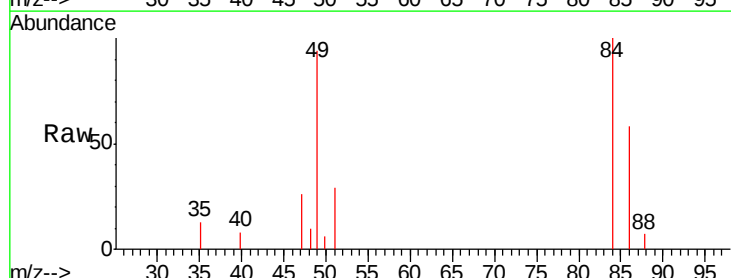
Ion Ratio Lower Upper

84 100

49 93.8 87.1 130.7

51 28.5 28.2 42.2

86 58.1 50.8 76.2

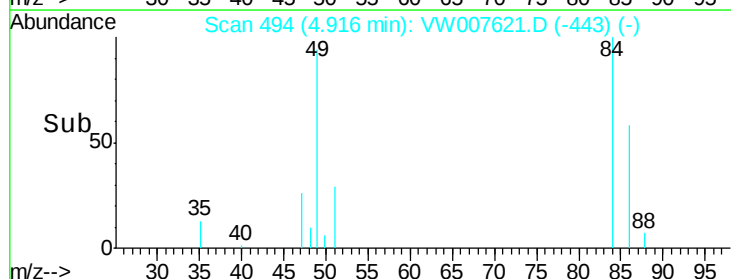
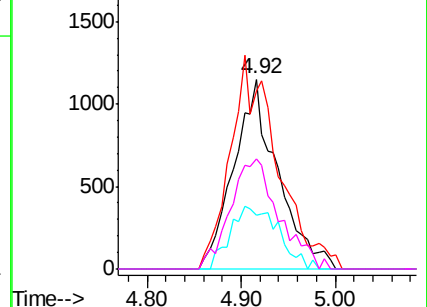


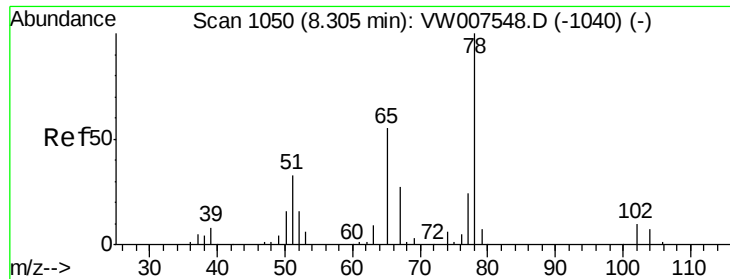
Abundance Ion 83.90 (83.60 to 84.60): VW

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

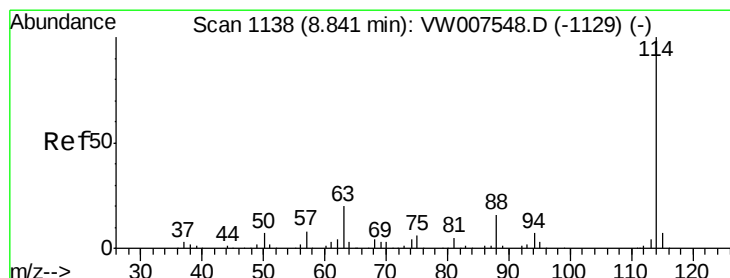
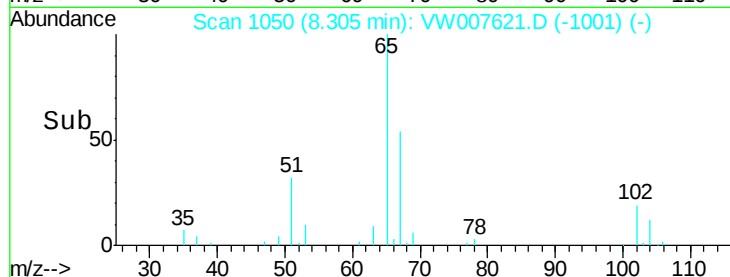
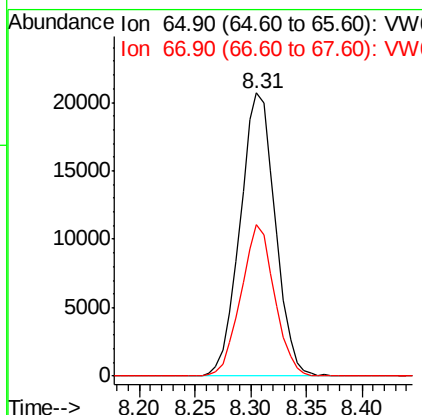
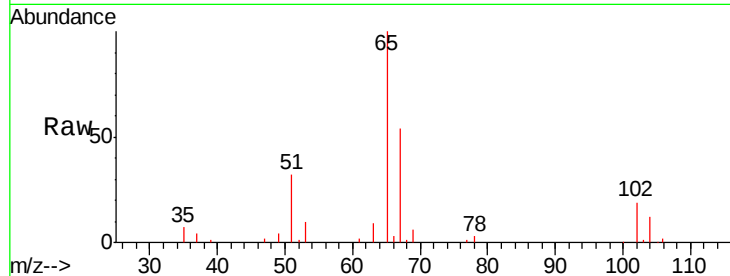




#33
 1,2-Dichloroethane-d4
 Concen: 62.615 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007621.D
 Acq: 16 Dec 2018 09:52

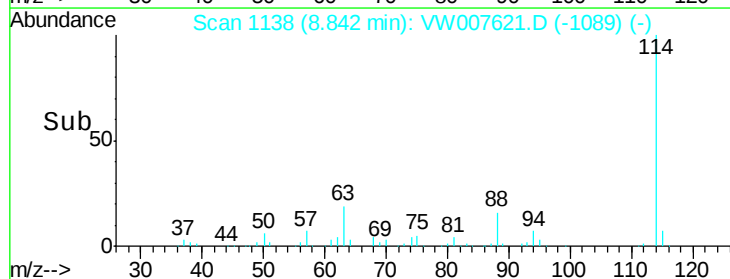
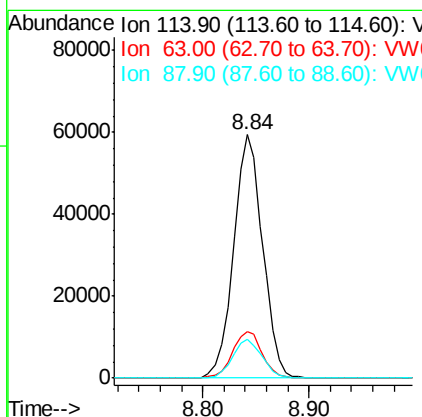
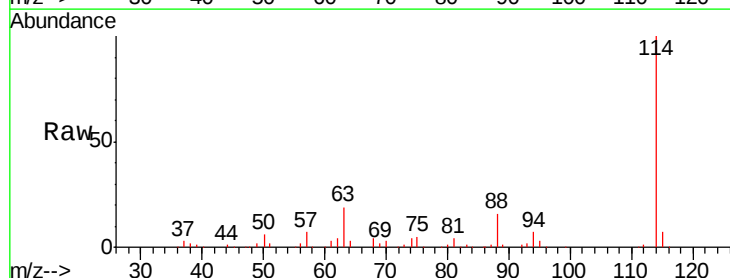
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS003-0612-01

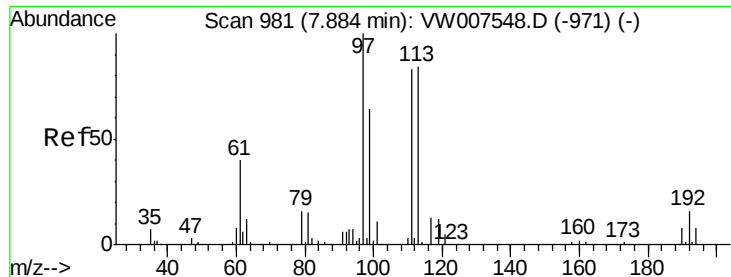
Tgt Ion: 65 Resp: 45401
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007621.D
 Acq: 16 Dec 2018 09:52

Tgt Ion: 114 Resp: 113266
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 57.159 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007621.D

Acq: 16 Dec 2018 09:52

Instrument :

MSVOA_W

ClientSampleId :

P001-SS003-0612-01

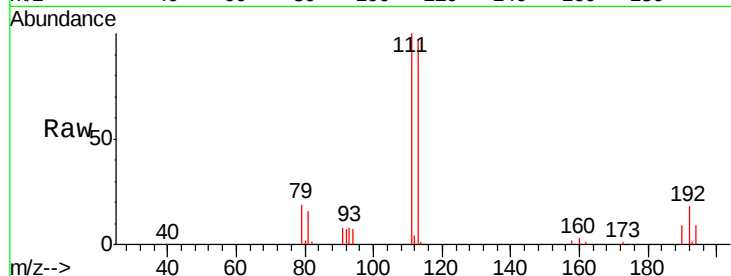
Tgt Ion:113 Resp: 39191

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

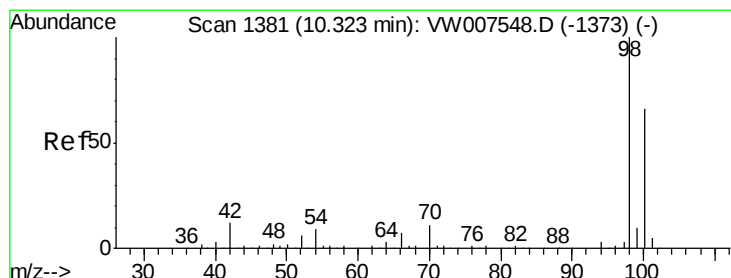
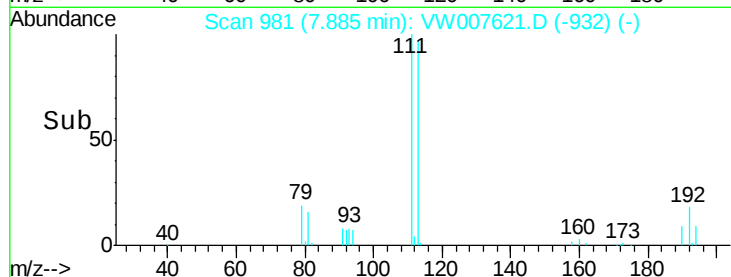
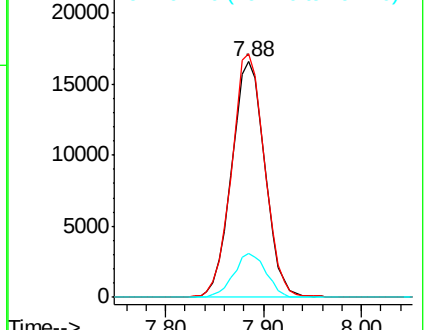
192 18.1 14.6 21.8



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: 43.629 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007621.D

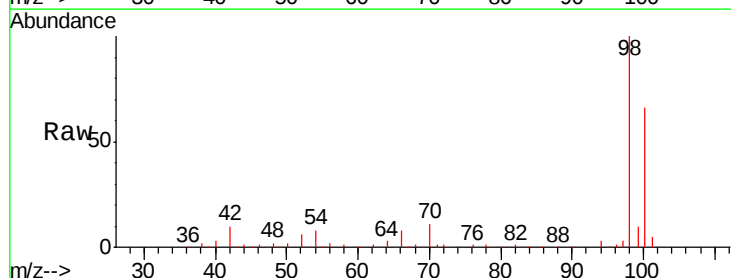
Acq: 16 Dec 2018 09:52

Tgt Ion: 98 Resp: 112161

Ion Ratio Lower Upper

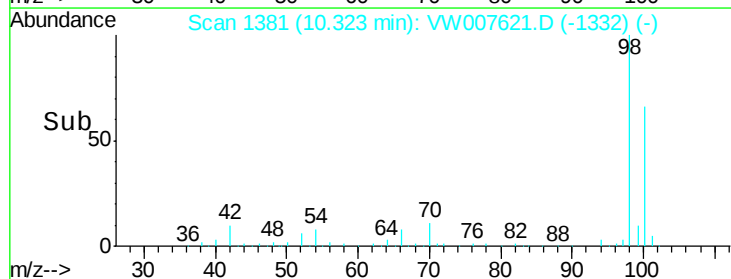
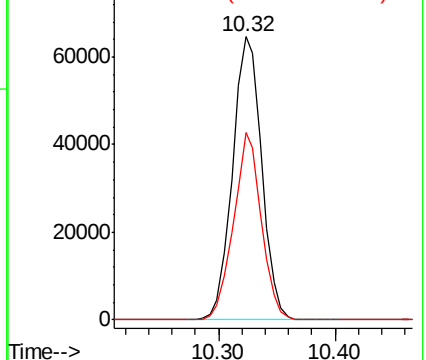
98 100

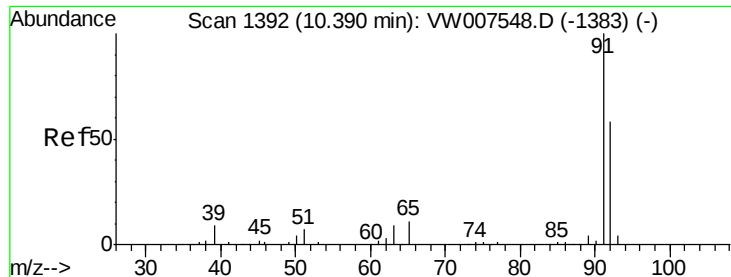
100 63.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.165 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007621.D

Acq: 16 Dec 2018 09:52

Instrument :

MSVOA_W

ClientSampleId :

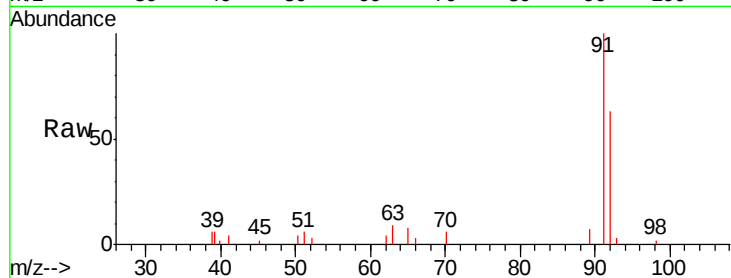
P001-SS003-0612-01

Tgt Ion: 92 Resp: 2161

Ion Ratio Lower Upper

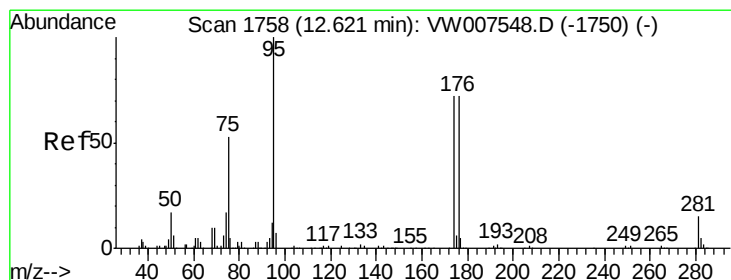
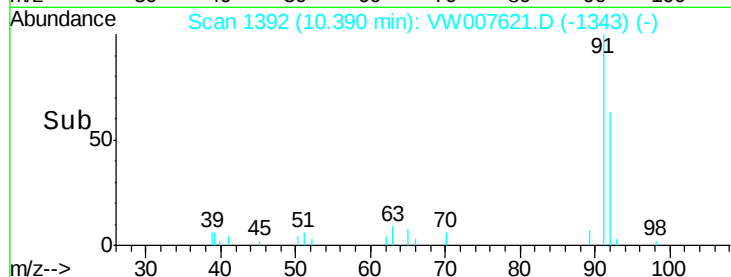
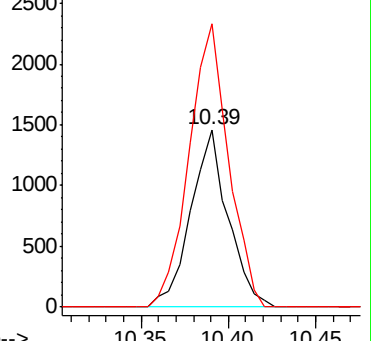
92 100

91 168.7 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 29.209 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007621.D

Acq: 16 Dec 2018 09:52

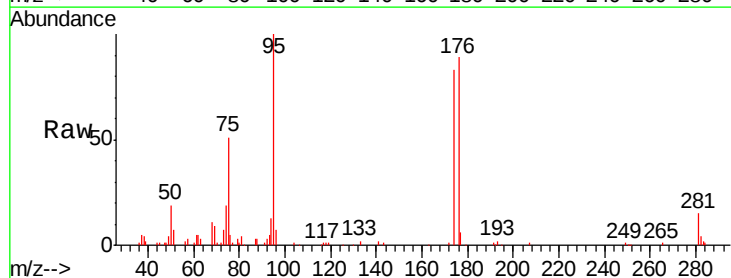
Tgt Ion: 95 Resp: 27609

Ion Ratio Lower Upper

95 100

174 79.5 0.0 147.2

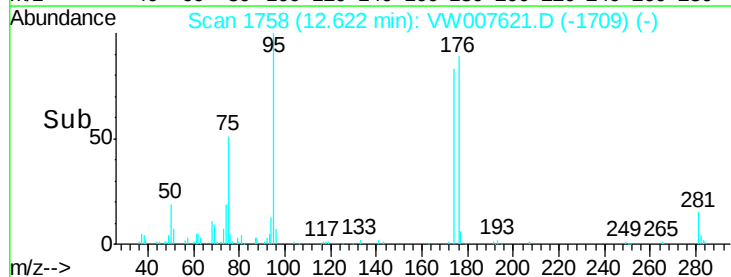
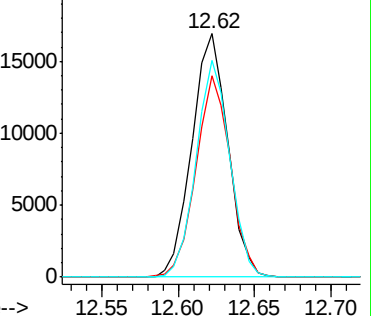
176 83.5 0.0 138.8

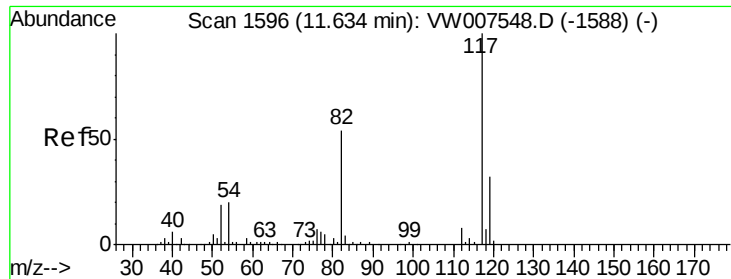


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

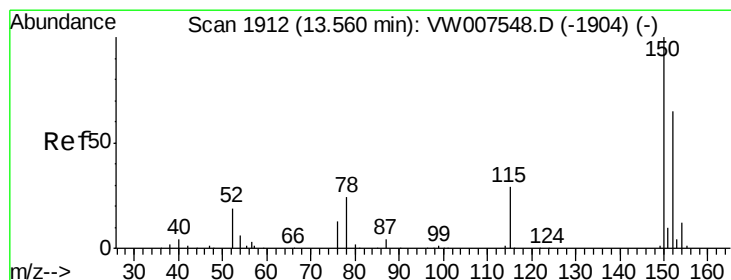
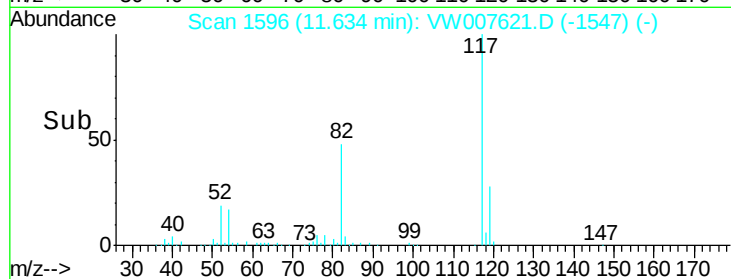
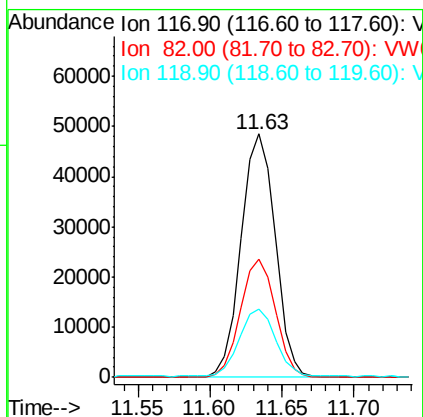
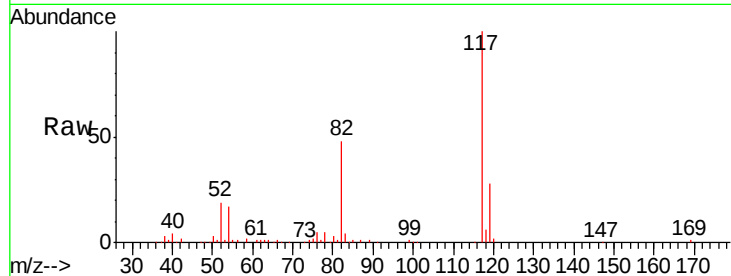




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007621.D
Acq: 16 Dec 2018 09:52

Instrument :
MSVOA_W
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P001-SS003-0612-01

Tgt Ion:117 Resp: 79827
Ion Ratio Lower Upper
117 100
82 48.3 42.3 63.5
119 27.4 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: VW007621.D
Acq: 16 Dec 2018 09:52

Tgt Ion:152 Resp: 20915
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.2
150 166.5 0.0 358.4

