

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007387.D
 Acq On : 11 Dec 2018 06:59
 Operator : SY/AP
 Sample : J6331-37
 Misc : 5.1G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-7

Quant Time: Dec 11 07:44:09 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

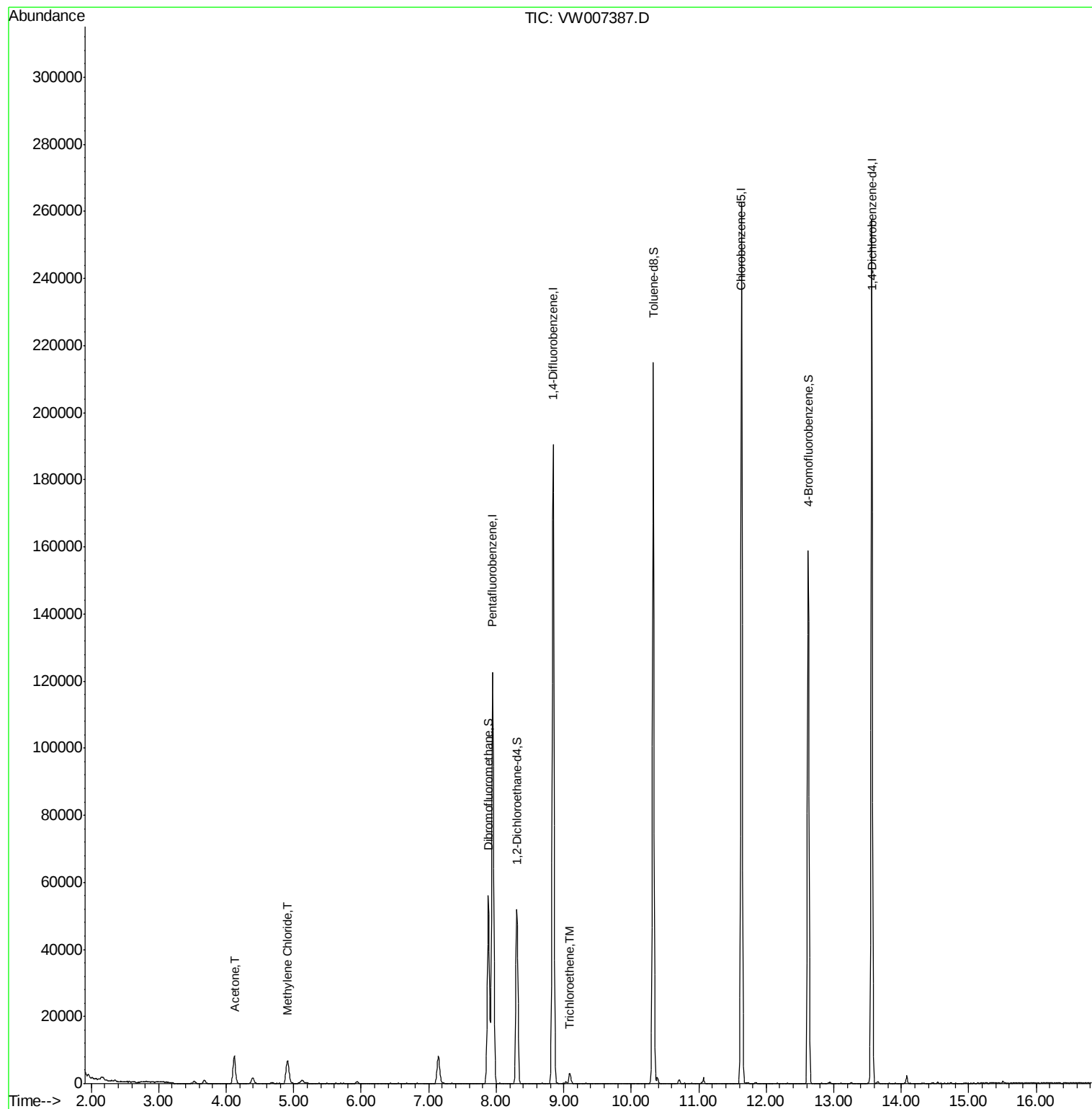
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	163867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	149216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	68185	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43775	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	
35) Dibromofluoromethane	7.88	113	39531	39.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.70%	
50) Toluene-d8	10.32	98	142192	38.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.46%	
62) 4-Bromofluorobenzene	12.62	95	54200	39.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.26%	
Target Compounds						
16) Acetone	4.12	43	13579	77.865	ug/l	97
20) Methylene Chloride	4.90	84	5741	2.281	ug/l #	95
44) Trichloroethene	9.09	130	1308	1.104	ug/l	99

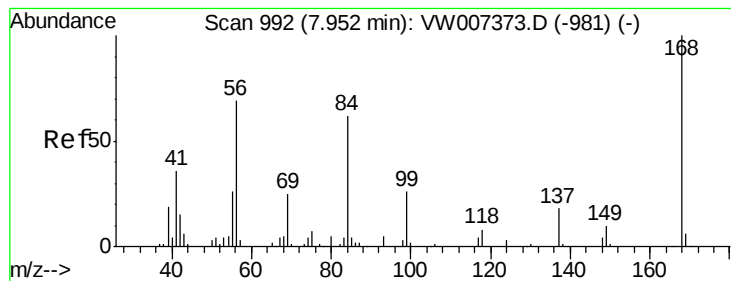
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW007387.D

Acq: 11 Dec 2018 06:59

Instrument :

MSVOA_W

ClientSampleId :

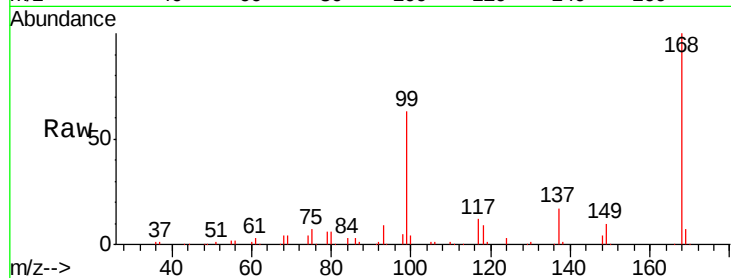
TP-7

Tgt Ion:168 Resp: 89993

Ion Ratio Lower Upper

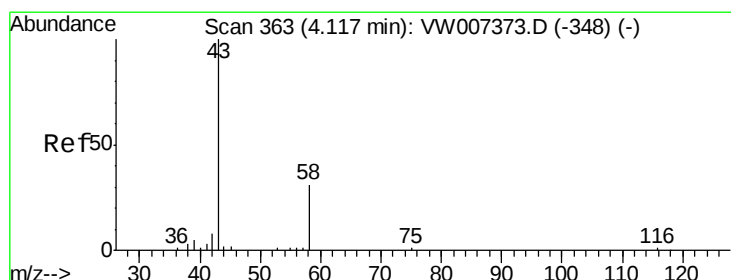
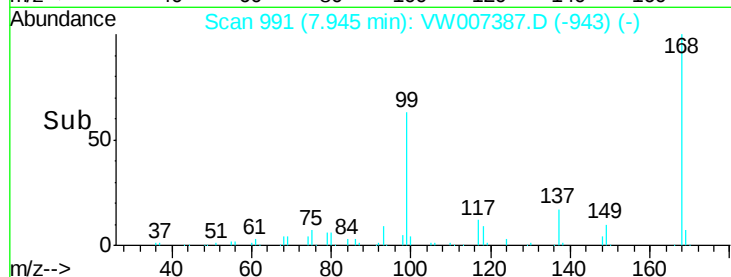
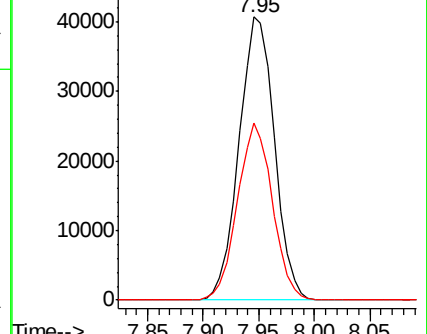
168 100

99 62.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 77.865 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007387.D

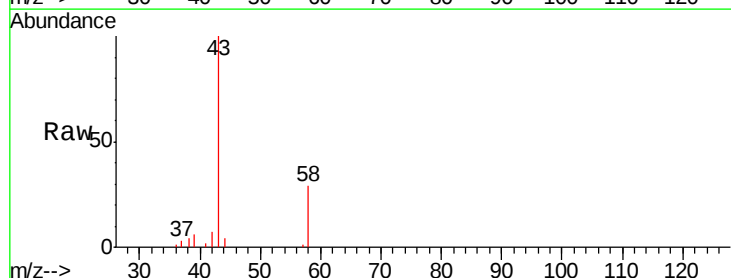
Acq: 11 Dec 2018 06:59

Tgt Ion: 43 Resp: 13579

Ion Ratio Lower Upper

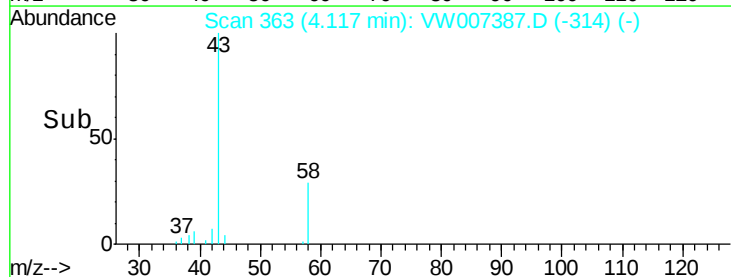
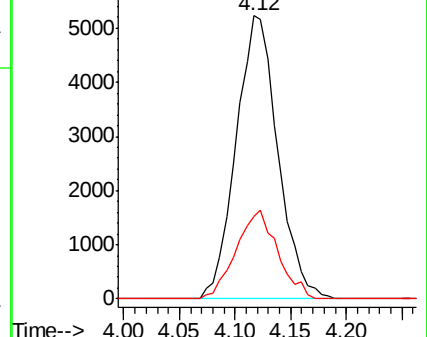
43 100

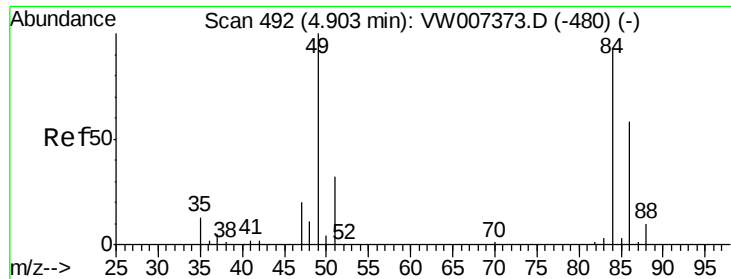
58 29.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

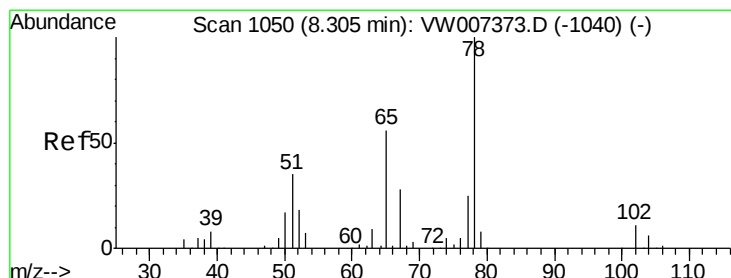
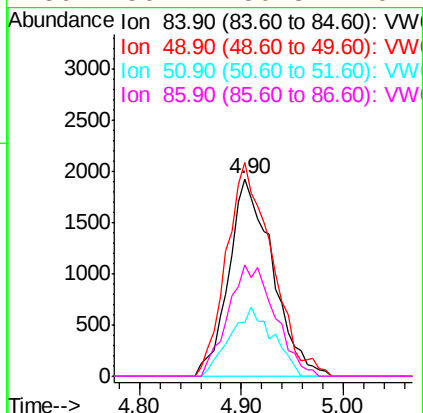
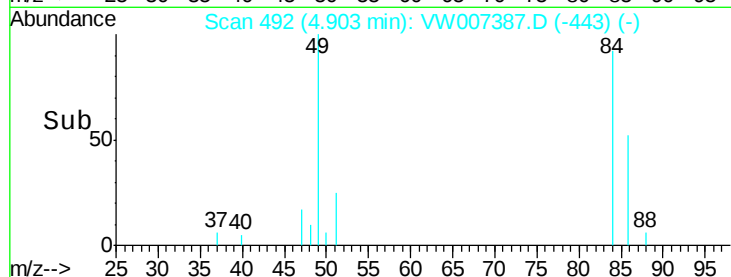
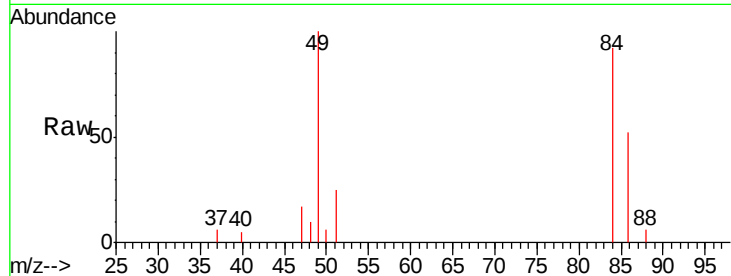




#20
Methylene Chloride
Concen: 2.281 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007387.D
Acq: 11 Dec 2018 06:59

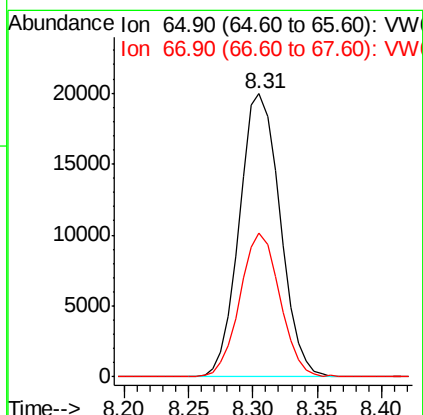
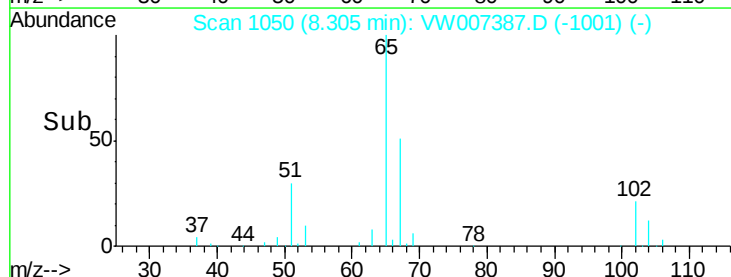
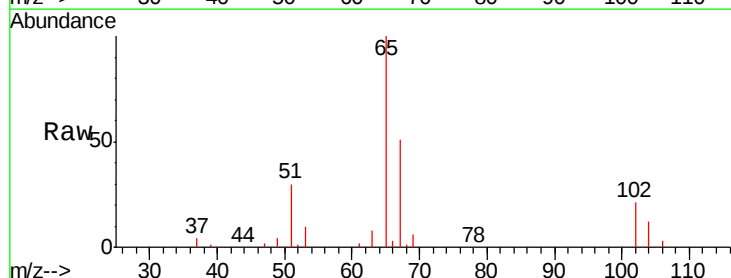
Instrument :
MSVOA_W
ClientSampled :
TP-7

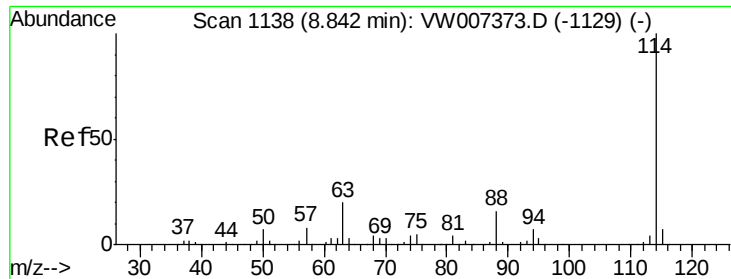
Tgt Ion: 84 Resp: 5741
Ion Ratio Lower Upper
84 100
49 108.2 87.1 130.7
51 27.2 28.2 42.2#
86 56.4 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 43.845 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007387.D
Acq: 11 Dec 2018 06:59

Tgt Ion: 65 Resp: 43775
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.6

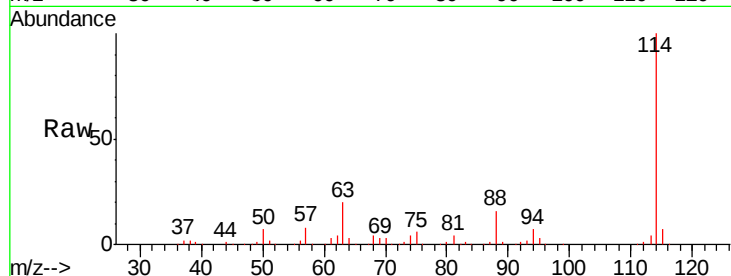




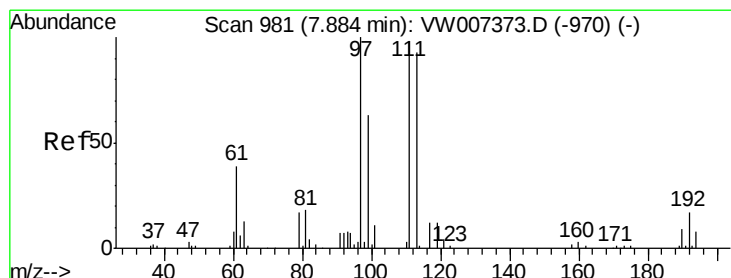
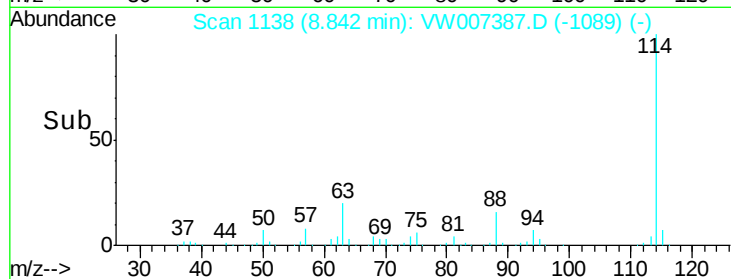
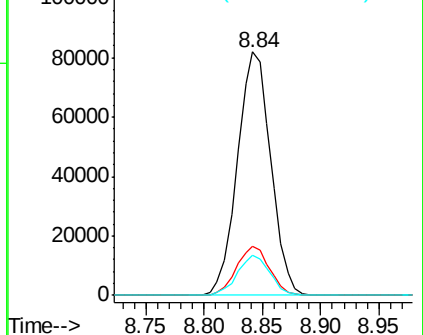
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007387.D
 Acq: 11 Dec 2018 06:59

Instrument :
 MSVOA_W
 ClientSampled :
 TP-7

Tgt Ion:114 Resp: 163867
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 16.2 0.0 31.4

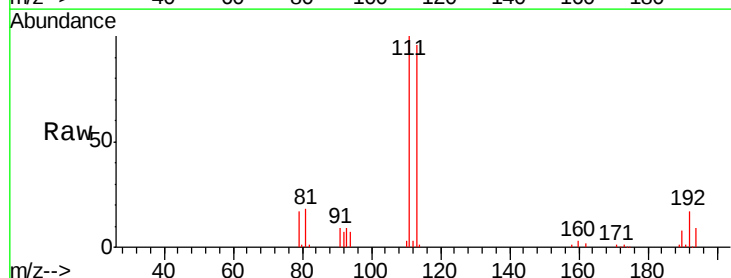


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

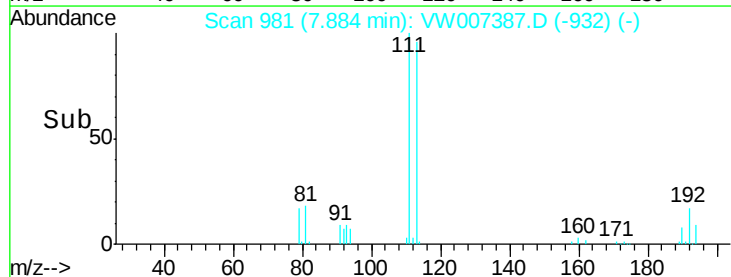
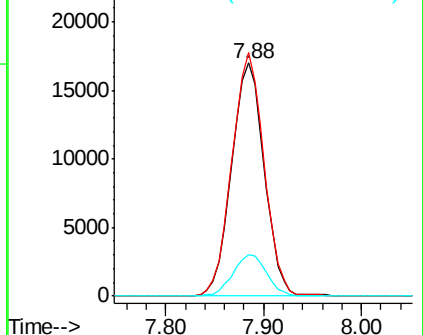


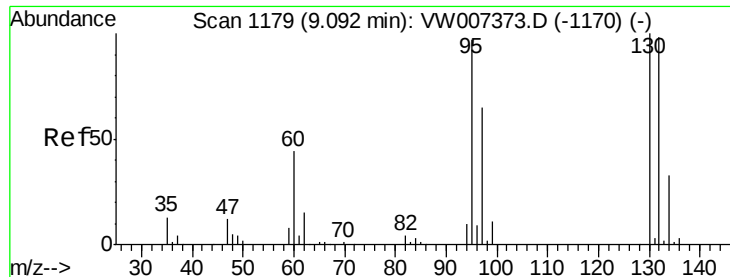
#35
 Dibromofluoromethane
 Concen: 39.852 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007387.D
 Acq: 11 Dec 2018 06:59

Tgt Ion:113 Resp: 39531
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.1 121.7
 192 18.4 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





#44

Trichloroethene

Concen: 1.104 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW007387.D

Acq: 11 Dec 2018 06:59

Instrument :

MSVOA_W

ClientSampled :

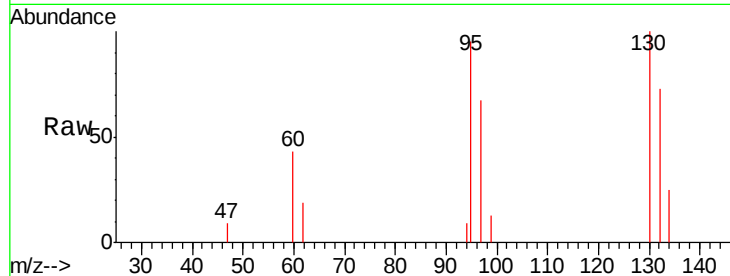
TP-7

Tgt Ion:130 Resp: 1308

Ion Ratio Lower Upper

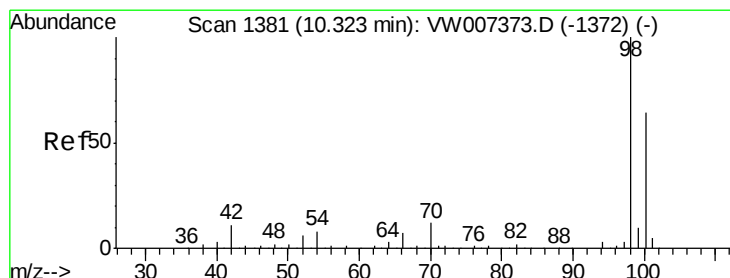
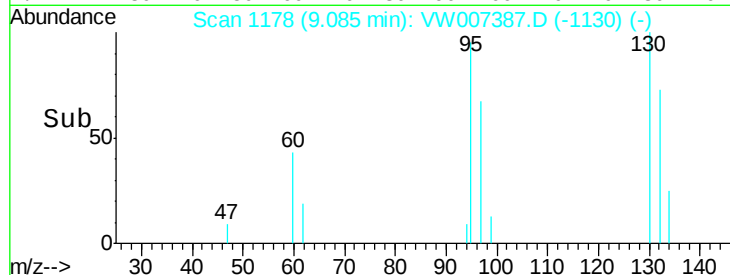
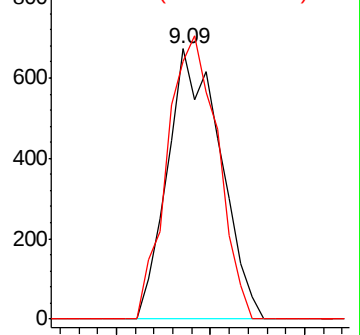
130 100

95 95.4 0.0 193.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 38.231 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007387.D

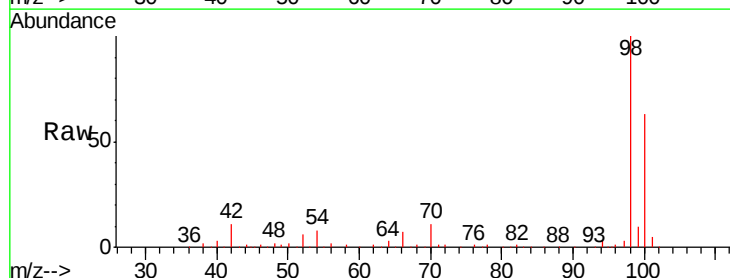
Acq: 11 Dec 2018 06:59

Tgt Ion: 98 Resp: 142192

Ion Ratio Lower Upper

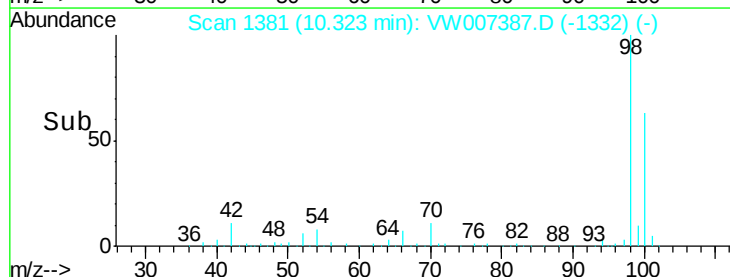
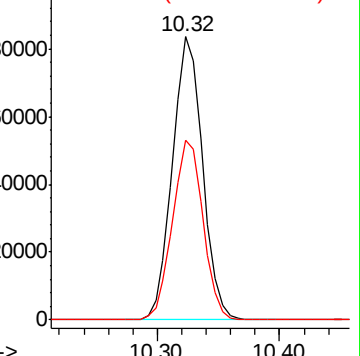
98 100

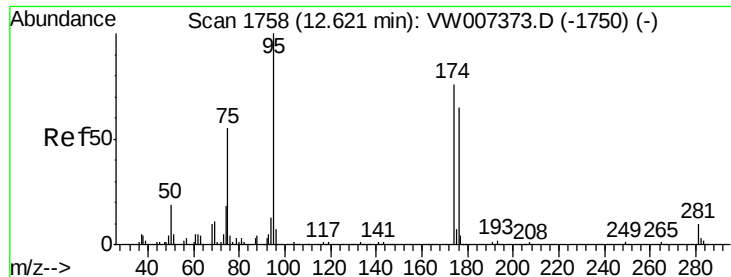
100 64.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 39.635 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007387.D

Acq: 11 Dec 2018 06:59

Instrument :

MSVOA_W

ClientSampled :

TP-7

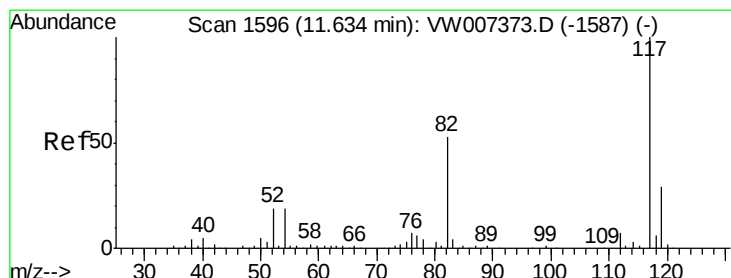
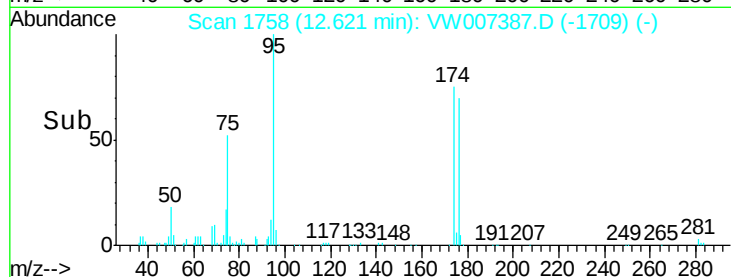
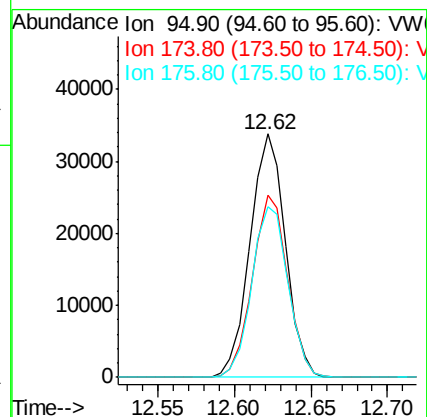
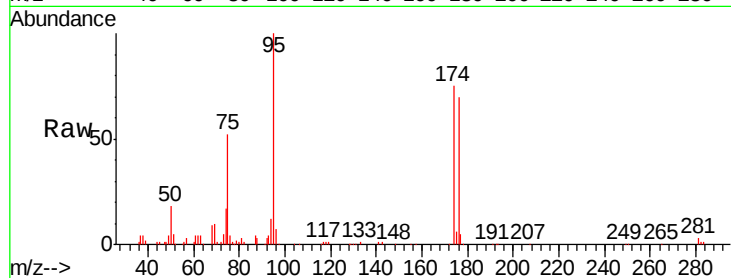
Tgt Ion: 95 Resp: 54200

Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.2

176 72.0 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: VW007387.D

Acq: 11 Dec 2018 06:59

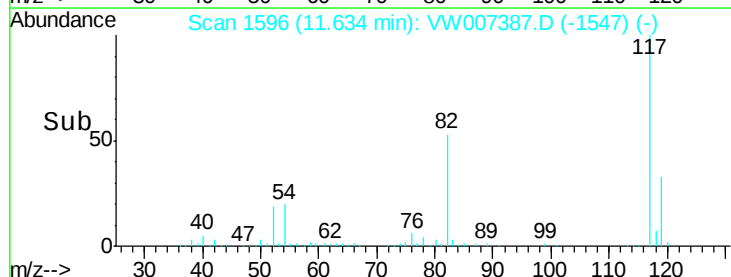
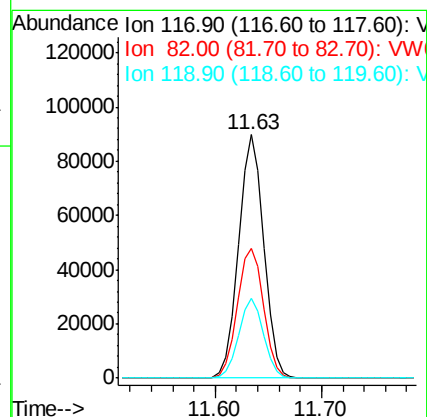
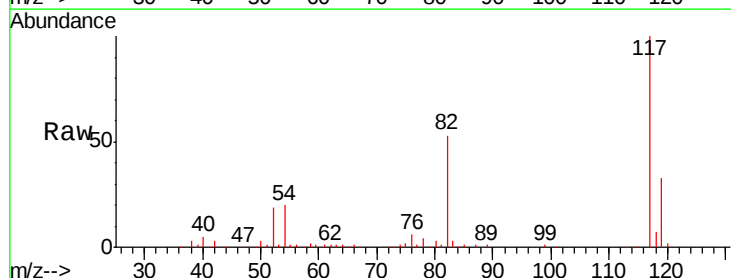
Tgt Ion: 117 Resp: 149216

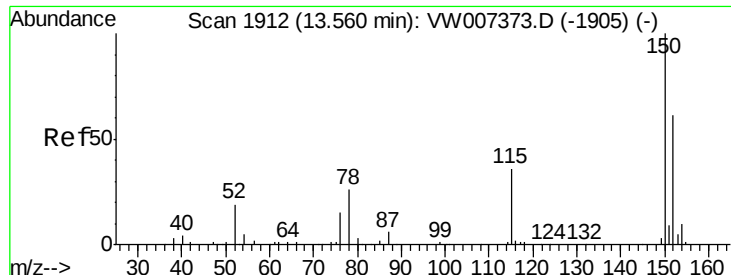
Ion Ratio Lower Upper

117 100

82 53.5 42.3 63.5

119 32.6 23.0 34.6

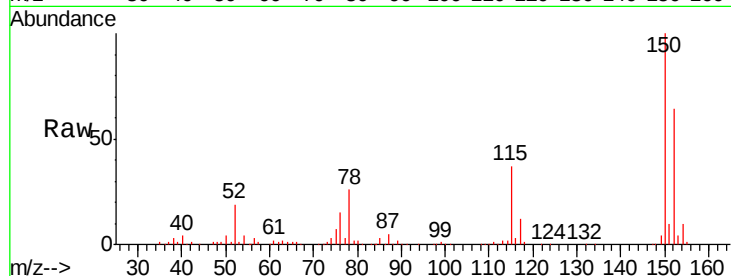




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: VW007387.D
 Acq: 11 Dec 2018 06:59

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-7

Tgt Ion:152 Resp: 68185
 Ion Ratio Lower Upper
 152 100
 115 61.9 31.4 94.2
 150 158.9 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

