

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007503.D
 Acq On : 13 Dec 2018 23:49
 Operator : SY/AP
 Sample : J6361-01RE
 Misc : 4.35G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TN4803-121218RE

Quant Time: Dec 14 04:50:37 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

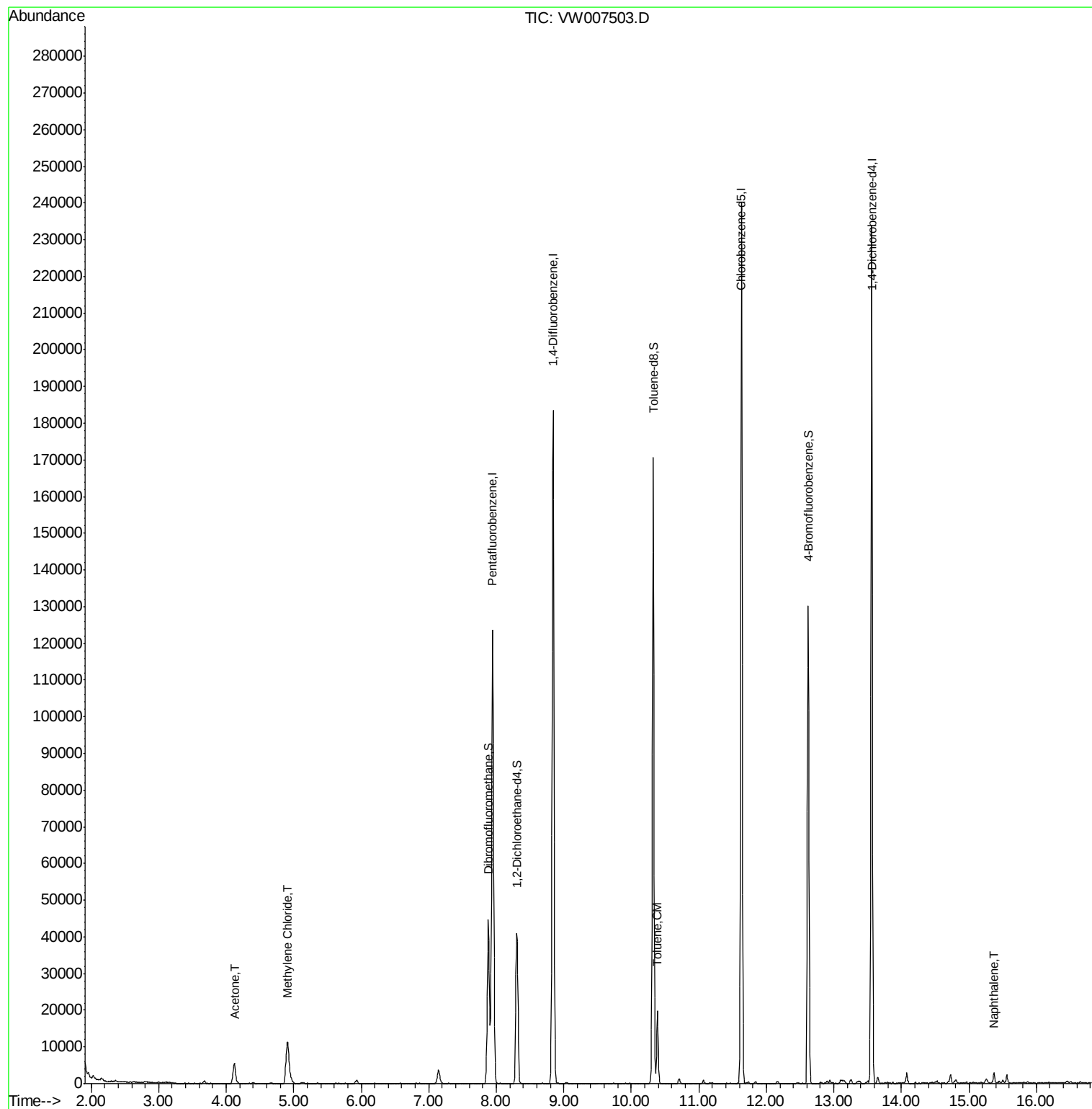
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	156735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	136021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60008	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	34633	34.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.48%	
35) Dibromofluoromethane	7.88	113	32976	34.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.52%	
50) Toluene-d8	10.32	98	115724	32.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.06%	
62) 4-Bromofluorobenzene	12.62	95	43390	33.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.34%	
Target Compounds						
16) Acetone	4.12	43	9536	54.762	ug/l	99
20) Methylene Chloride	4.91	84	10084	7.239	ug/l	97
52) Toluene	10.39	92	8473	3.300	ug/l	96
95) Naphthalene	15.38	128	2912	1.215	ug/l	98

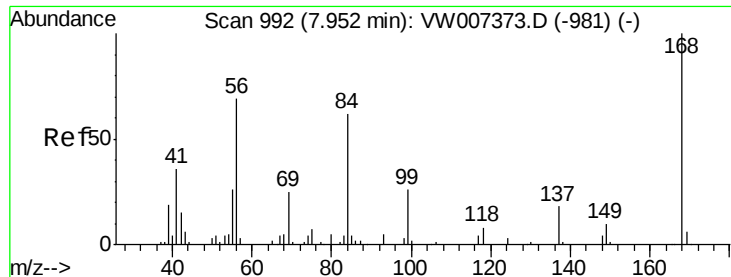
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121618\
Data File : VW007503.D
Acq On : 13 Dec 2018 23:49
Operator : SY/AP
Sample : J6361-01RE
Misc : 4.35G/5ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TN4803-121218RE

Quant Time: Dec 14 04:50:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007503.D

Acq: 13 Dec 2018 23:49

Instrument :

MSVOA_W

ClientSampleId :

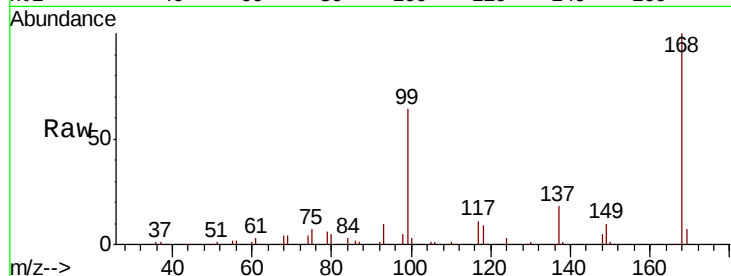
TN4803-121218RE

Tot Ion:168 Resp: 89861

Ion Ratio Lower Upper

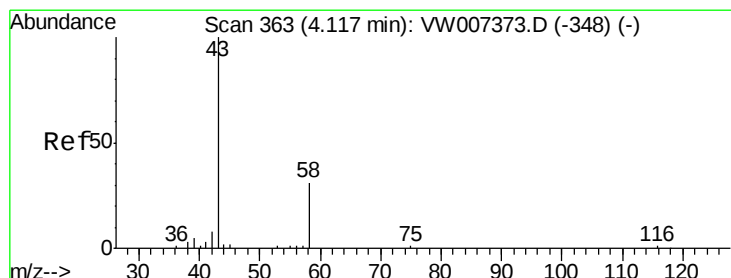
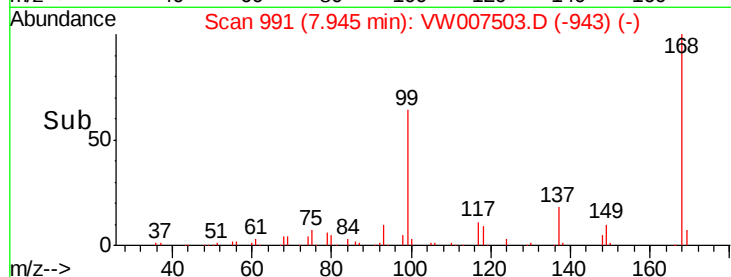
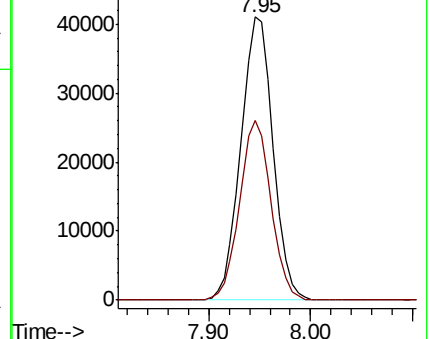
168 100

99 63.5 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: 54.762 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007503.D

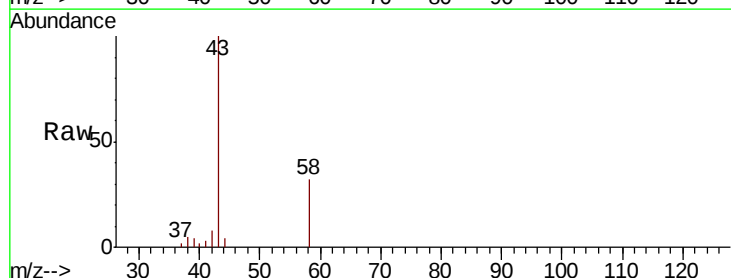
Acq: 13 Dec 2018 23:49

Tgt Ion: 43 Resp: 9536

Ion Ratio Lower Upper

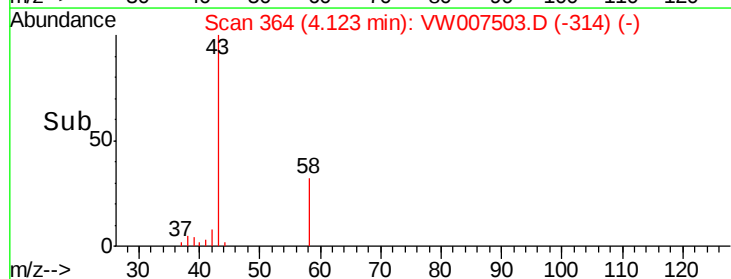
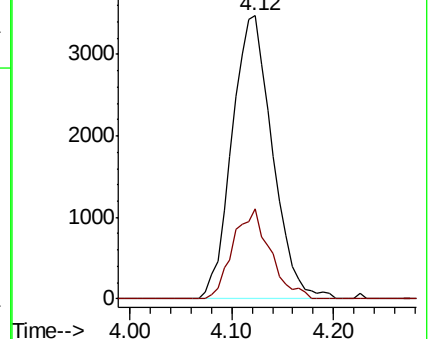
43 100

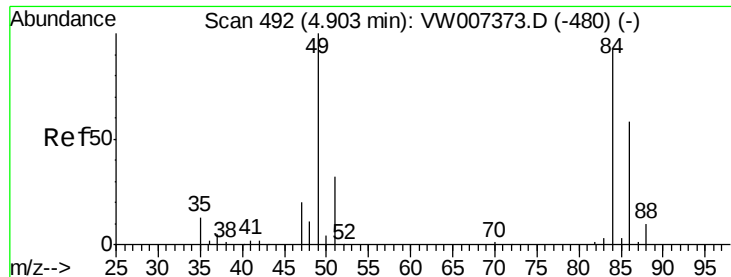
58 31.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

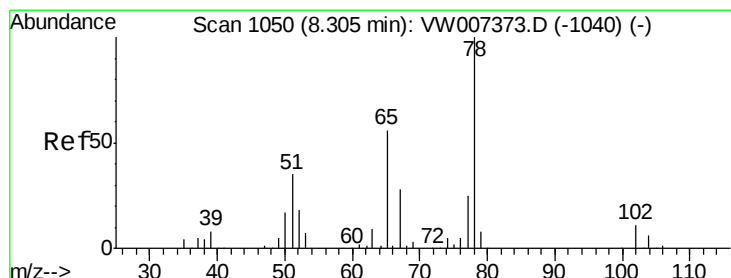
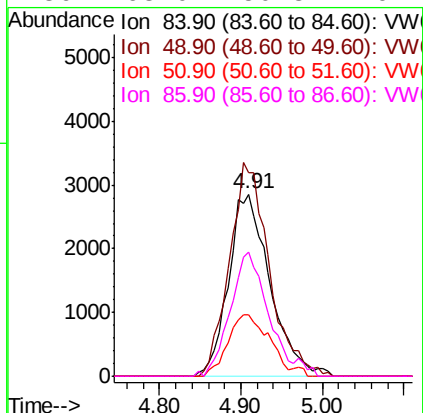
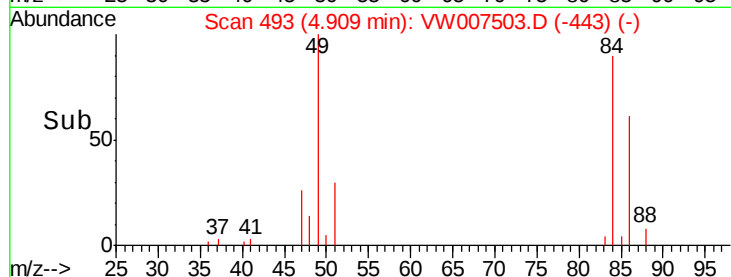
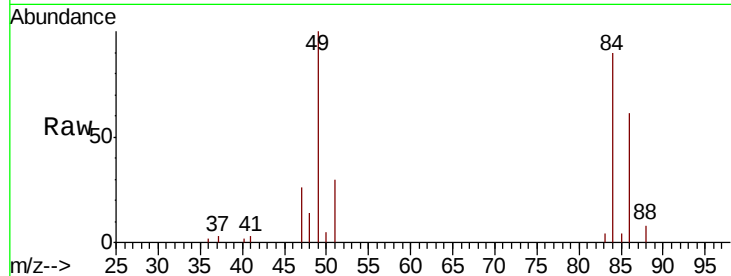




#20
Methylene Chloride
Concen: 7.239 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007503.D
Acq: 13 Dec 2018 23:49

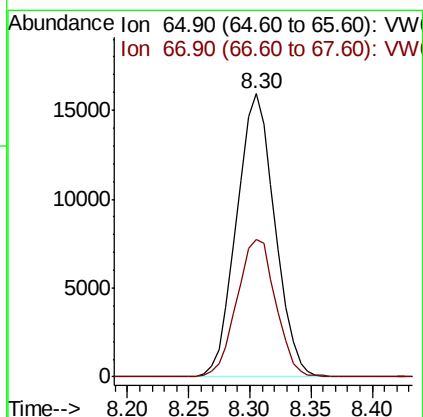
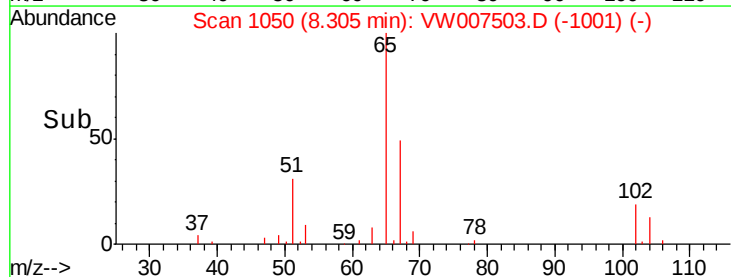
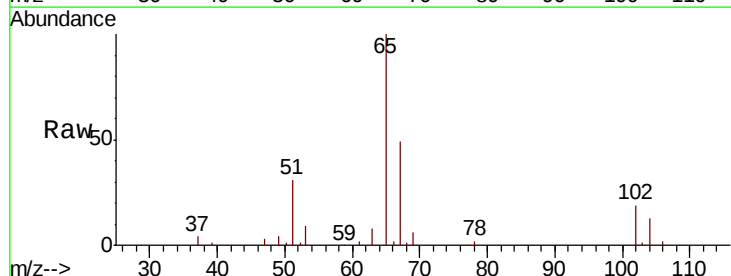
Instrument :
MSVOA_W
ClientSampleId :
TN4803-121218RE

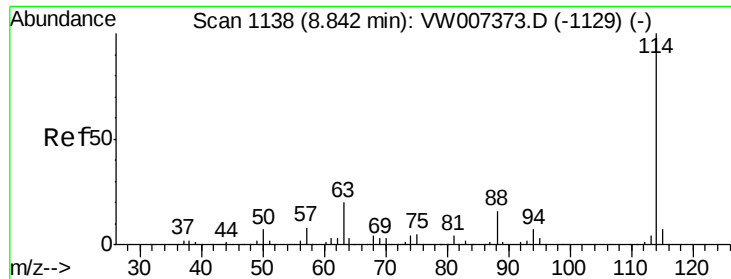
Tot Ion: 84 Resp: 10084
Ion Ratio Lower Upper
84 100
49 111.4 87.1 130.7
51 33.7 28.2 42.2
86 68.0 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 34.739 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007503.D
Acq: 13 Dec 2018 23:49

Tgt Ion: 65 Resp: 34633
Ion Ratio Lower Upper
65 100
67 49.2 0.0 101.6

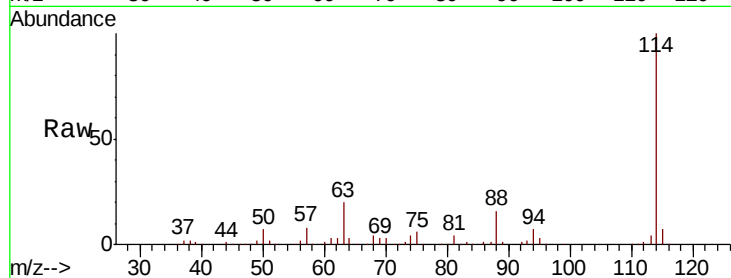




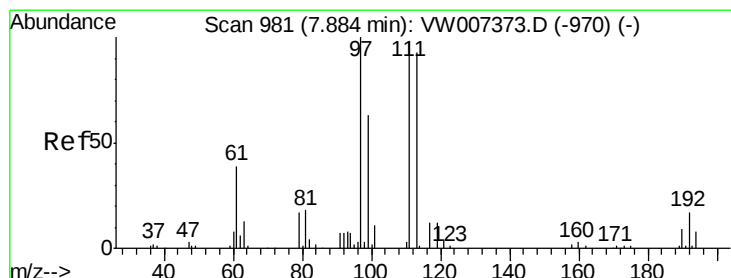
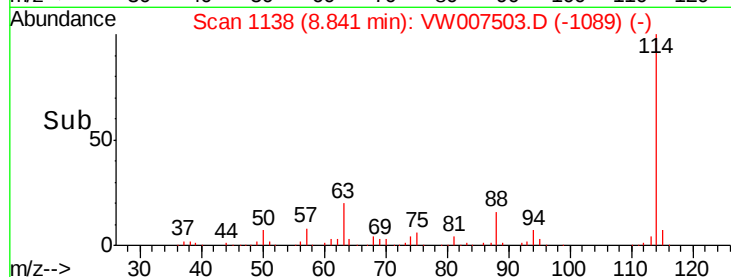
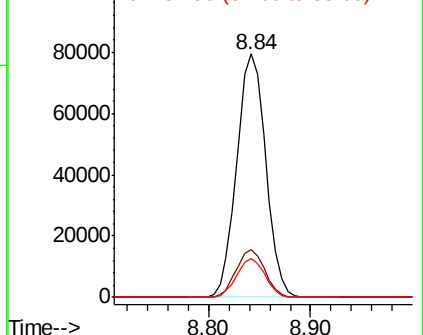
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007503.D
Acq: 13 Dec 2018 23:49

Instrument :
MSVOA_W
ClientSampleId :
TN4803-121218RE

Tot Ion:114 Resp: 156735
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.6
88 16.1 0.0 31.4

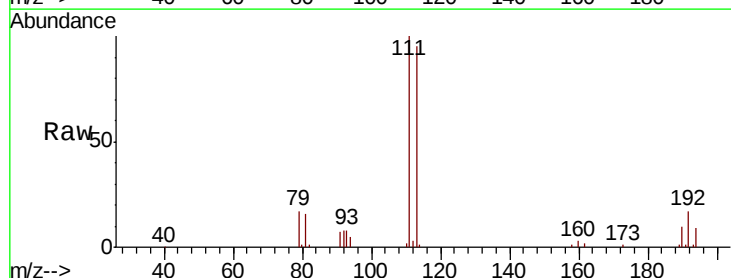


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

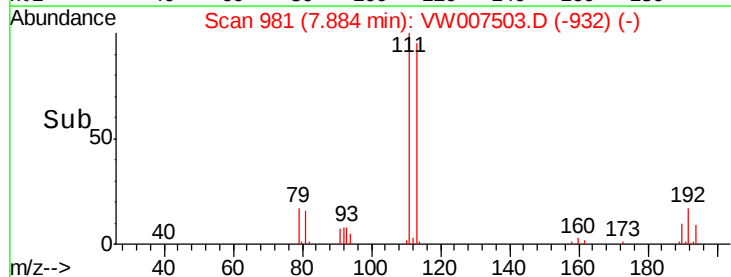
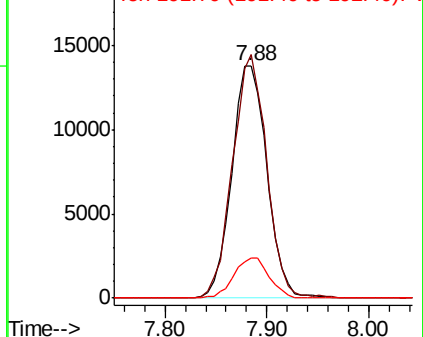


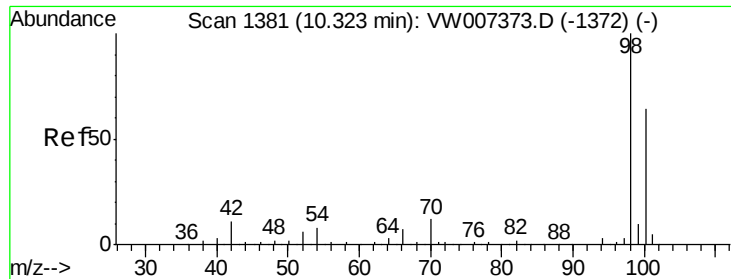
#35
Dibromofluoromethane
Concen: 34.756 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007503.D
Acq: 13 Dec 2018 23:49

Tgt Ion:113 Resp: 32976
Ion Ratio Lower Upper
113 100
111 101.5 81.1 121.7
192 17.2 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

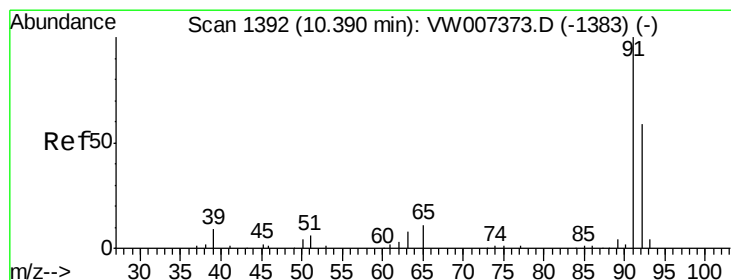
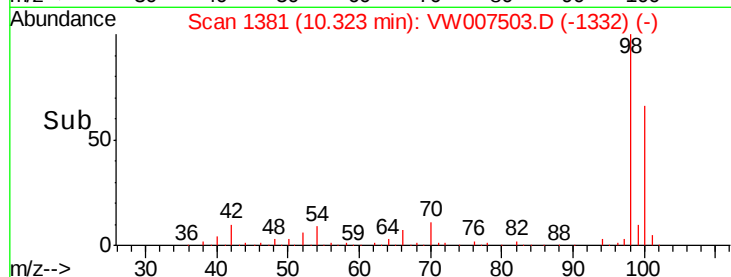
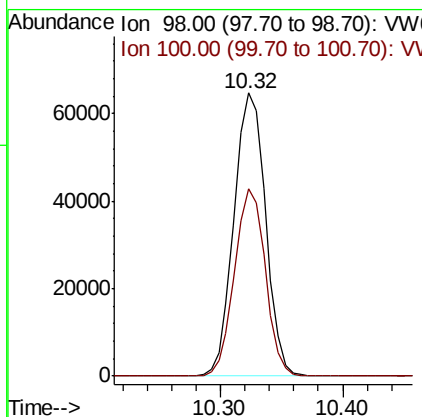
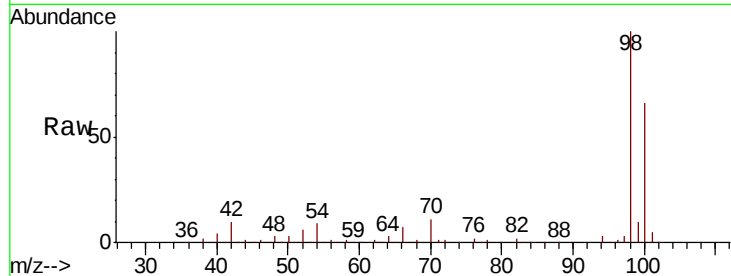




#50
Toluene-d8
Concen: 32.531 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007503.D
Acq: 13 Dec 2018 23:49

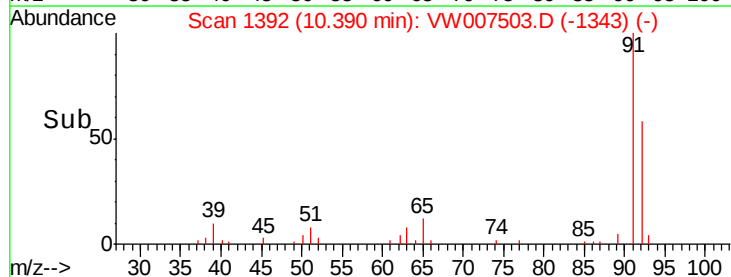
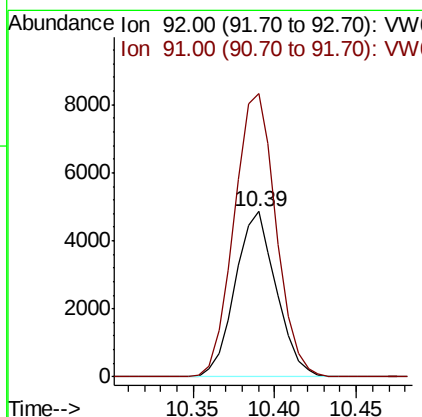
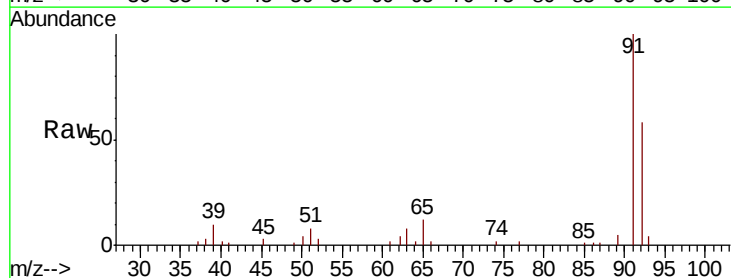
Instrument :
MSVOA_W
ClientSampleId :
TN4803-121218RE

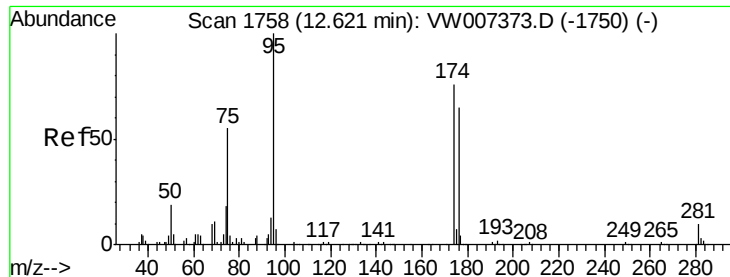
Tot Ion: 98 Resp: 115724
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8



#52
Toluene
Concen: 3.300 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007503.D
Acq: 13 Dec 2018 23:49

Tgt Ion: 92 Resp: 8473
Ion Ratio Lower Upper
92 100
91 175.1 136.2 204.2

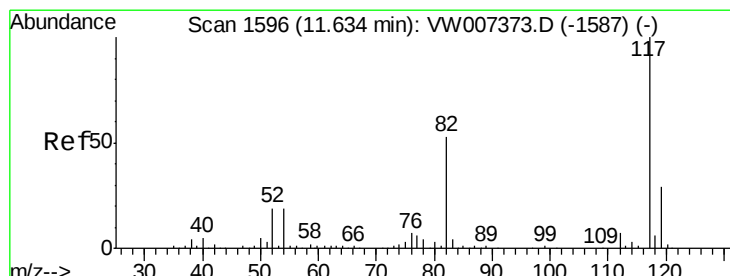
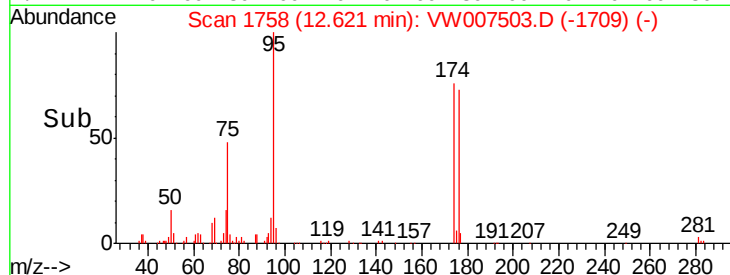
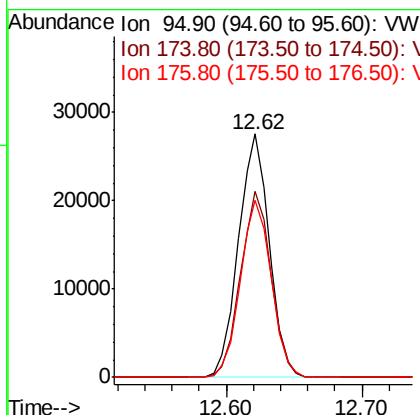
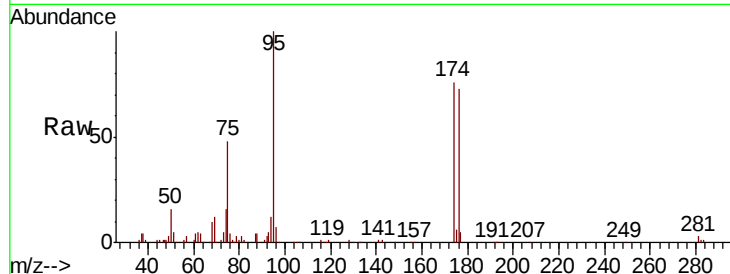




#62
4-Bromofluorobenzene
Concen: 33.174 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007503.D
Acq: 13 Dec 2018 23:49

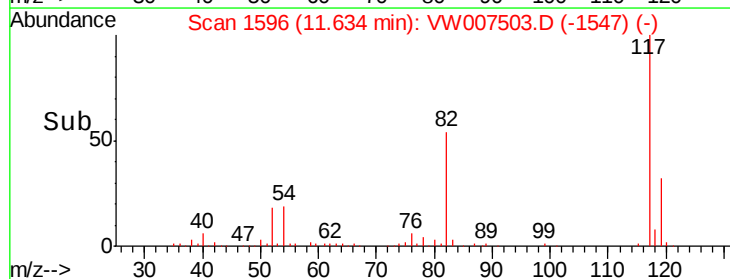
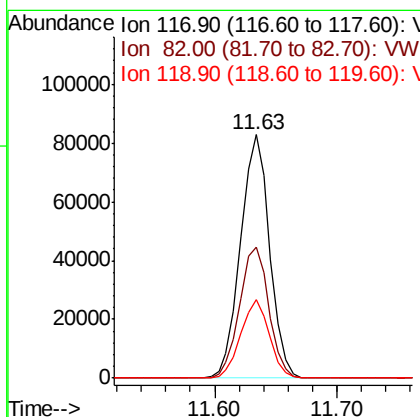
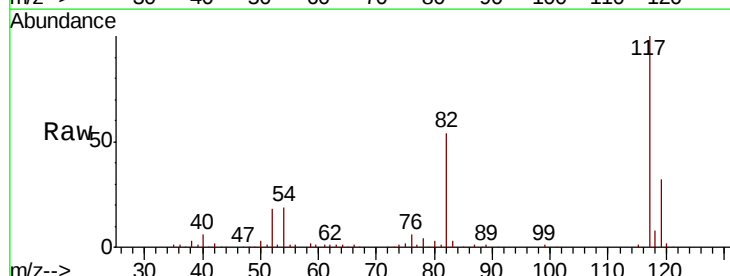
Instrument :
MSVOA_W
ClientSampleId :
TN4803-121218RE

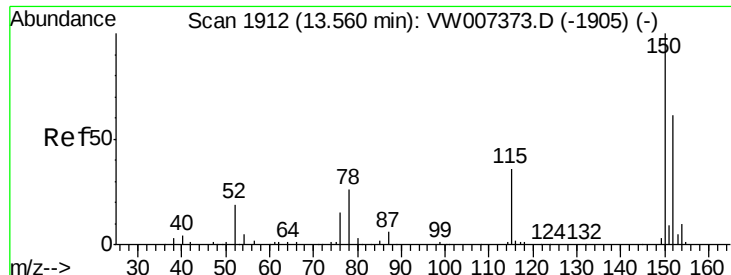
Tot Ion	95	Resp	43390
Ion Ratio	Lower	Upper	
95	100		
174	76.3	0.0	147.2
176	73.3	0.0	138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007503.D
Acq: 13 Dec 2018 23:49

Tgt Ion	117	Resp	136021
Ion Ratio	Lower	Upper	
117	100		
82	54.0	42.3	63.5
119	32.0	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: VW007503.D

Acq: 13 Dec 2018 23:49

Instrument :

MSVOA_W

ClientSampleId :

TN4803-121218RE

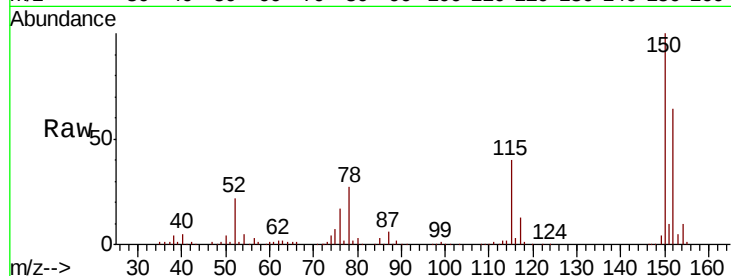
Tot Ion:152 Resp: 60008

Ion Ratio Lower Upper

152 100

115 63.5 31.4 94.2

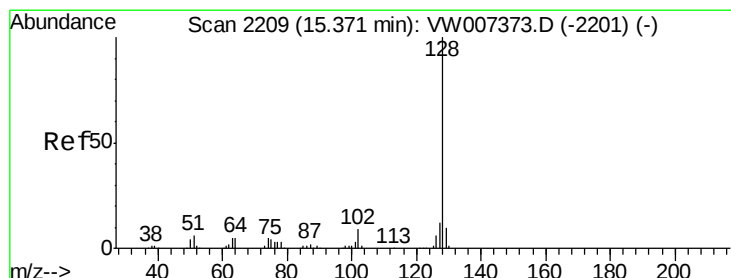
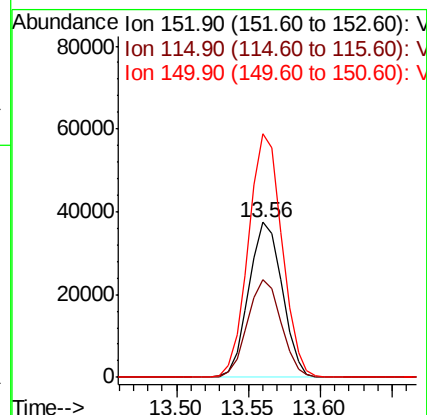
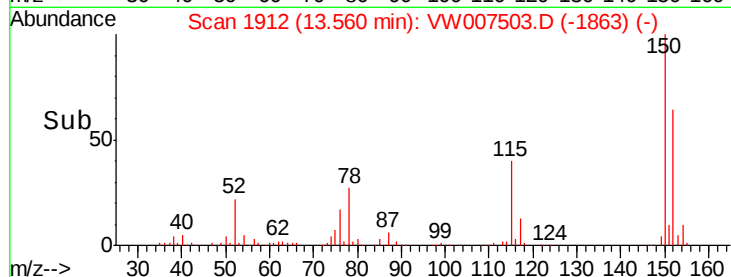
150 158.0 0.0 358.4



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



#95

Naphthalene

Concen: 1.215 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW007503.D

Acq: 13 Dec 2018 23:49

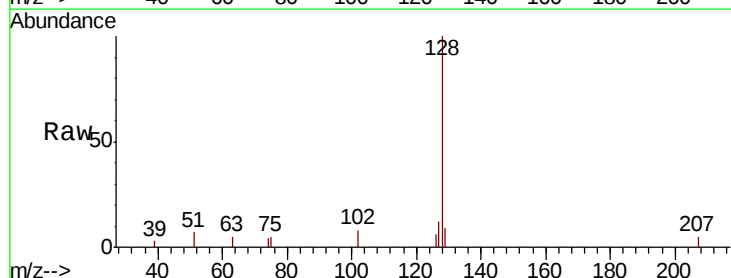
Tgt Ion:128 Resp: 2912

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 11.7 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

