

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010471.D
 Acq On : 21 May 2019 02:21
 Operator : SY/VA
 Sample : K2951-03
 Misc : 6.54G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-12-S

Quant Time: May 21 07:28:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

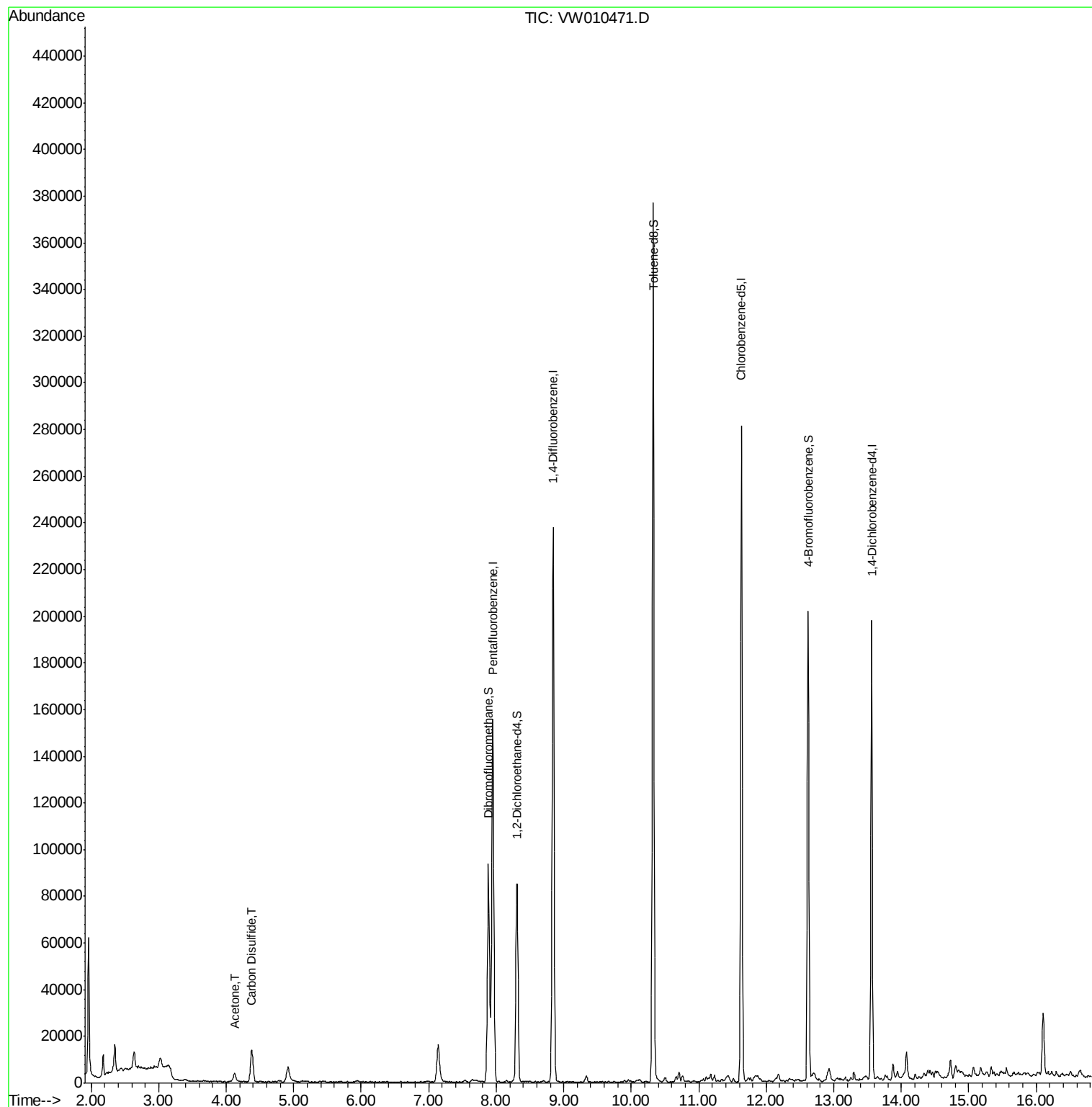
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	112824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	211770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68235	58.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.18%	
35) Dibromofluoromethane	7.88	113	67913	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
50) Toluene-d8	10.32	98	257924	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.62	95	73099	37.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.78%	
Target Compounds						
16) Acetone	4.12	43	5934	24.963	ug/l	98
17) Carbon Disulfide	4.38	76	28282	7.957	ug/l	100

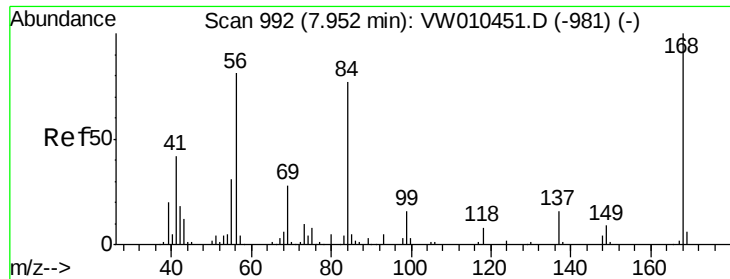
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010471.D

Acq: 21 May 2019 02:21

Instrument :

MSVOA_W

ClientSampled :

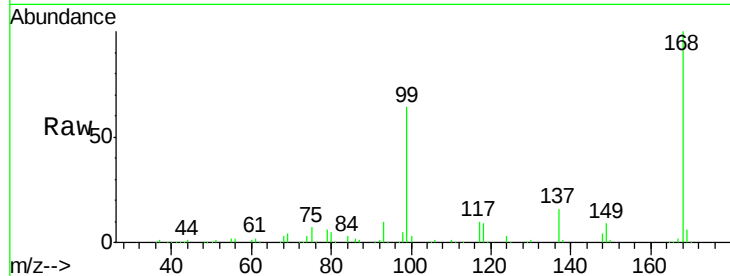
TP-12-S

Tot Ion:168 Resp: 112824

Ion Ratio Lower Upper

168 100

99 63.6 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

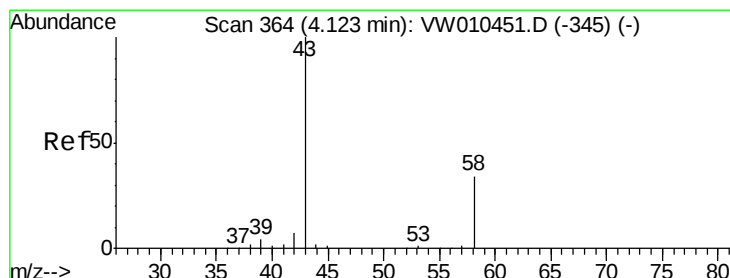
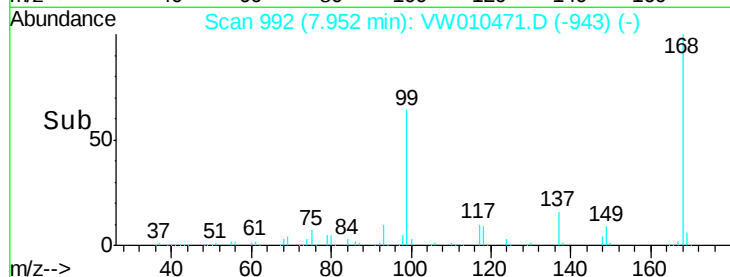
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 24.963 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010471.D

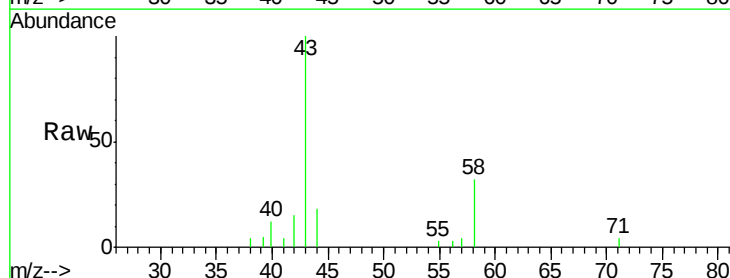
Acq: 21 May 2019 02:21

Tgt Ion: 43 Resp: 5934

Ion Ratio Lower Upper

43 100

58 32.4 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2500

2000

1500

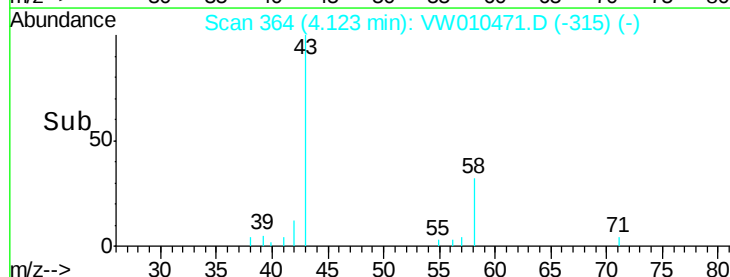
1000

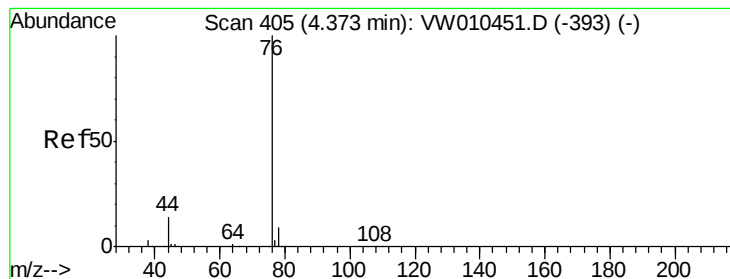
500

0

4.00 4.10 4.20

Time-->





#17

Carbon Disulfide

Concen: 7.957 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010471.D

Acq: 21 May 2019 02:21

Instrument :

MSVOA_W

ClientSampleId :

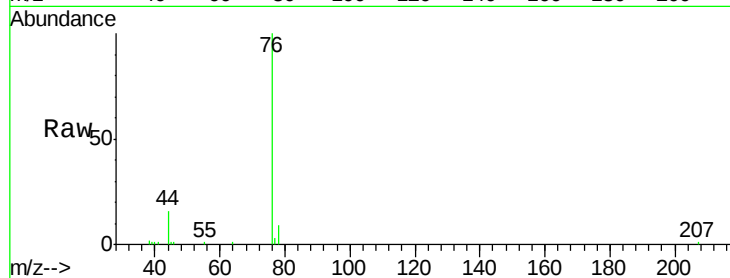
TP-12-S

Tot Ion: 76 Resp: 28282

Ion Ratio Lower Upper

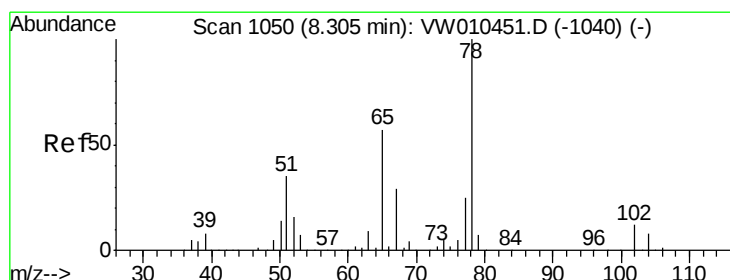
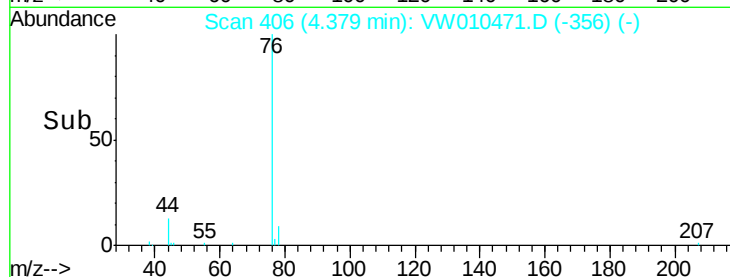
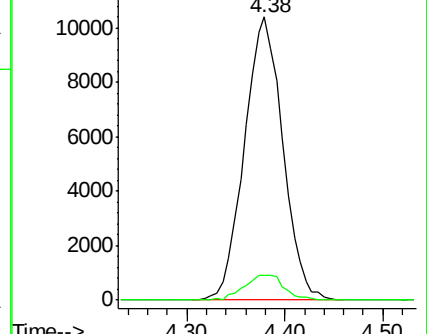
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 58.594 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010471.D

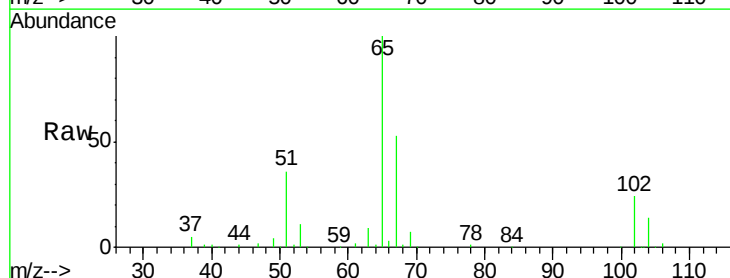
Acq: 21 May 2019 02:21

Tgt Ion: 65 Resp: 68235

Ion Ratio Lower Upper

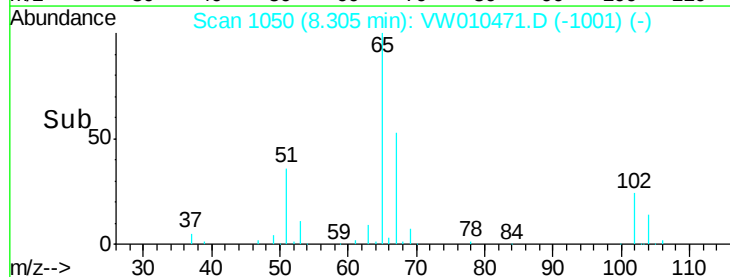
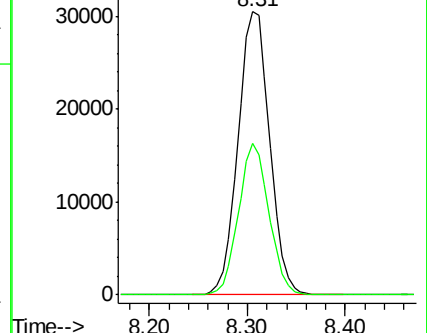
65 100

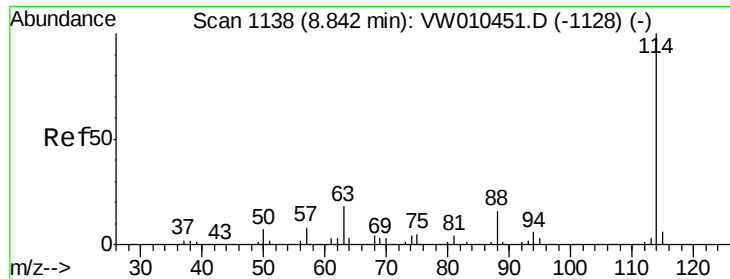
67 51.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

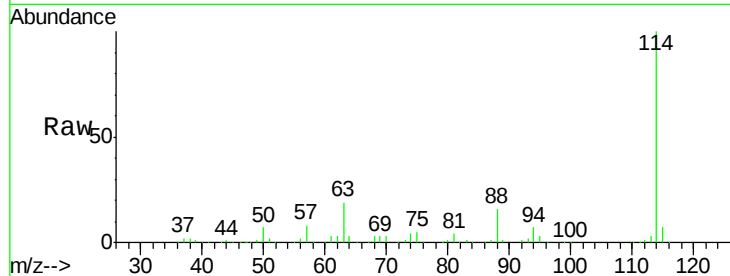




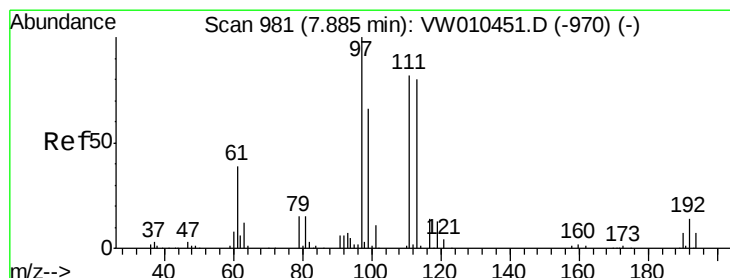
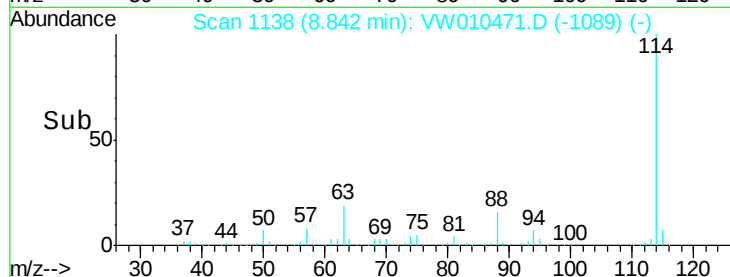
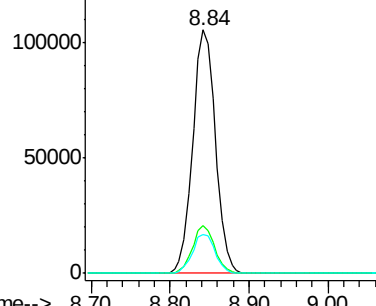
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010471.D
 Acq: 21 May 2019 02:21

Instrument :
 MSVOA_W
 ClientSampled :
 TP-12-S

Tot Ion:114 Resp: 211770
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 36.0
 88 16.0 0.0 32.0

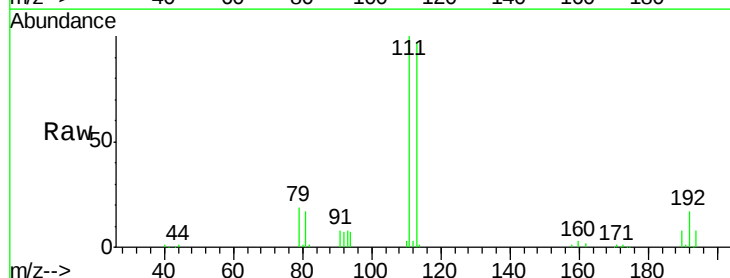


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

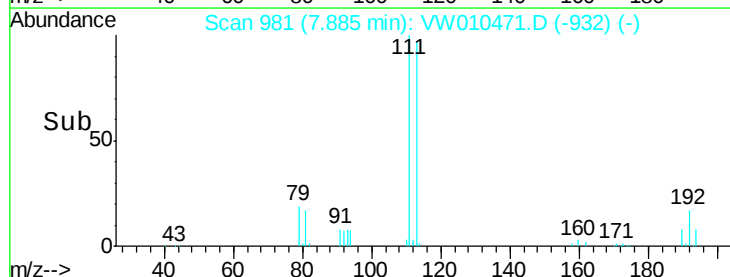
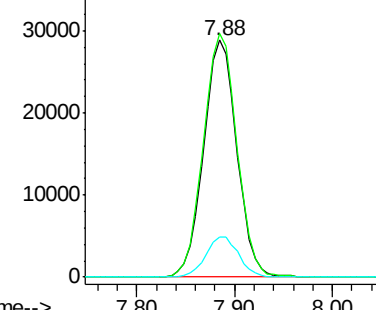


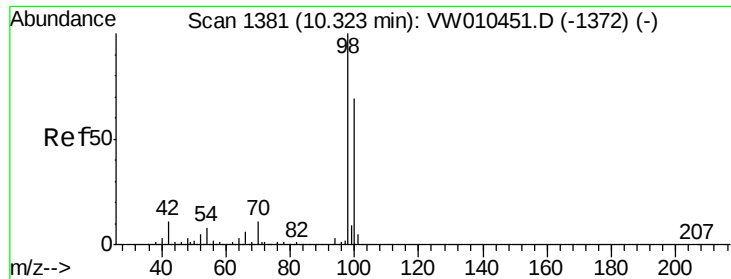
#35
 Dibromofluoromethane
 Concen: 52.851 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010471.D
 Acq: 21 May 2019 02:21

Tgt Ion:113 Resp: 67913
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.2 123.4
 192 17.1 14.3 21.5



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: 52.542 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010471.D

Acq: 21 May 2019 02:21

Instrument :

MSVOA_W

ClientSampleId :

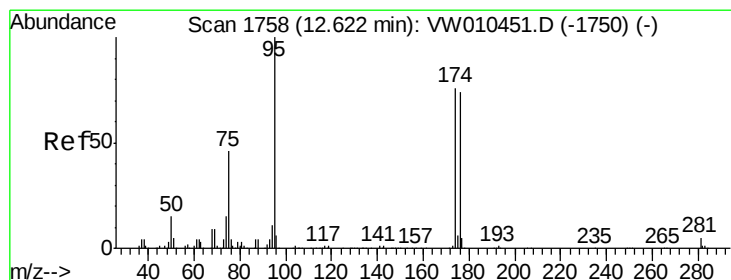
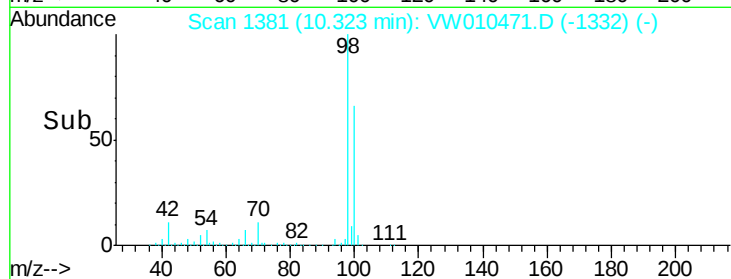
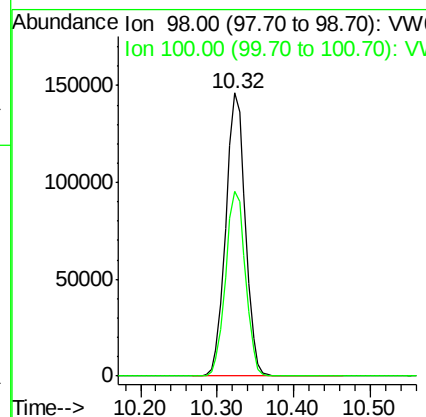
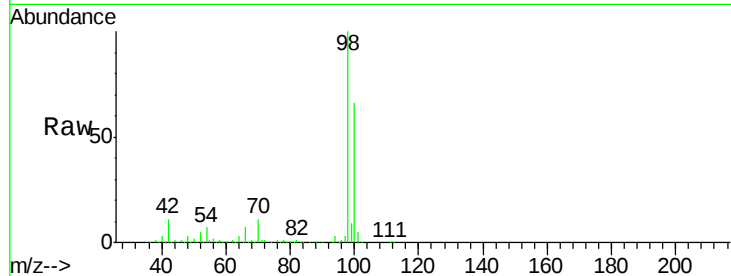
TP-12-S

Tot Ion: 98 Resp: 257924

Ion Ratio Lower Upper

98 100

100 66.5 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 37.385 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010471.D

Acq: 21 May 2019 02:21

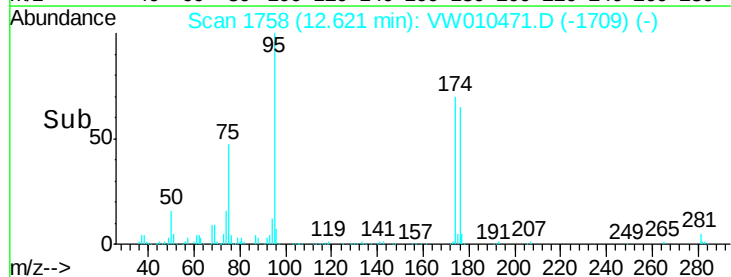
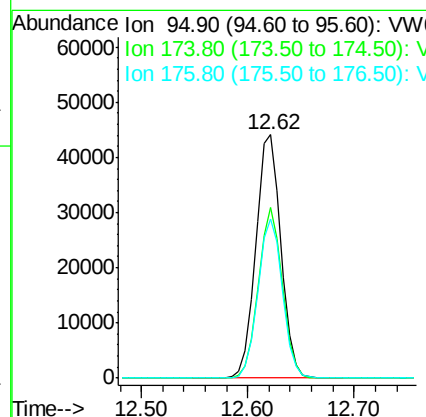
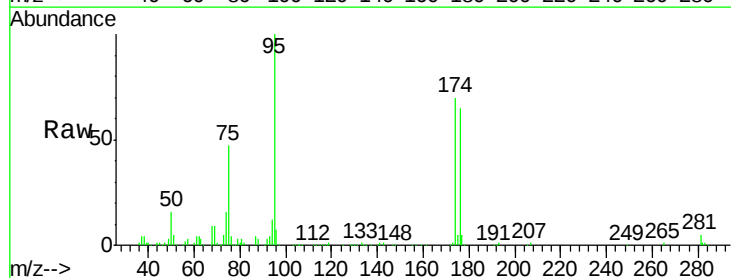
Tgt Ion: 95 Resp: 73099

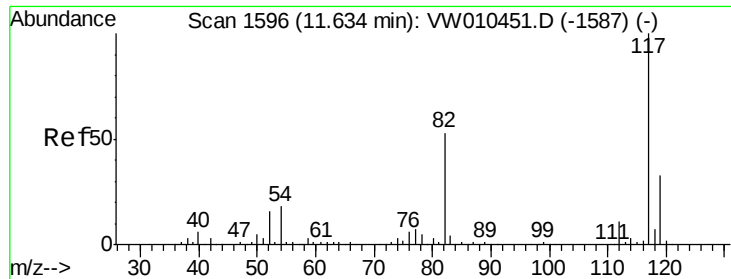
Ion Ratio Lower Upper

95 100

174 66.6 0.0 148.6

176 63.5 0.0 144.2

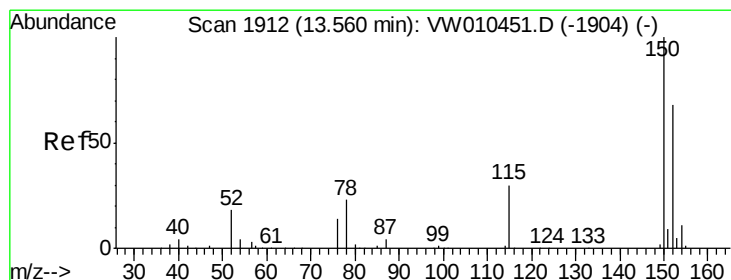
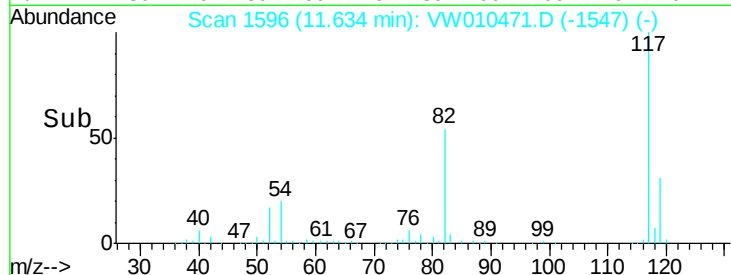
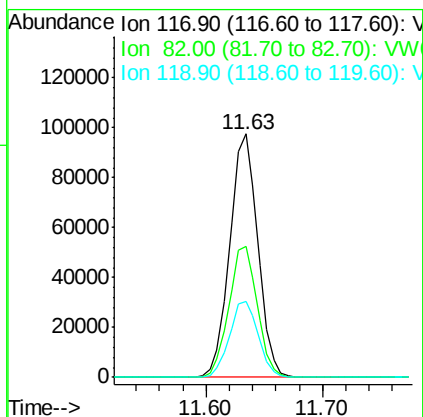
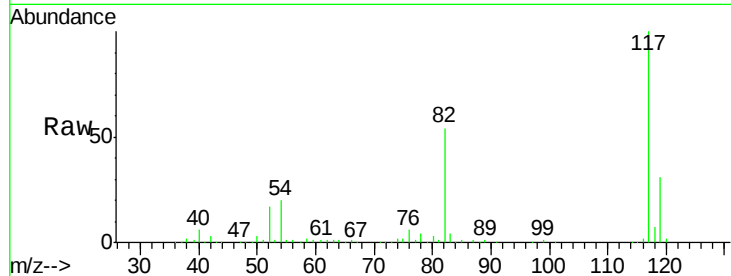




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010471.D
Acq: 21 May 2019 02:21

Instrument :
MSVOA_W
ClientSampleId :
TP-12-S

Tot Ion:117 Resp: 163835
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 31.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010471.D
Acq: 21 May 2019 02:21

Tgt Ion:152 Resp: 49844
Ion Ratio Lower Upper
152 100
115 64.1 30.3 91.0
150 157.7 0.0 349.8

