

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010519.D
 Acq On : 22 May 2019 19:13
 Operator : SY/VA
 Sample : K2994-06
 Misc : 3.62G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-D2

Quant Time: May 23 08:08:08 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

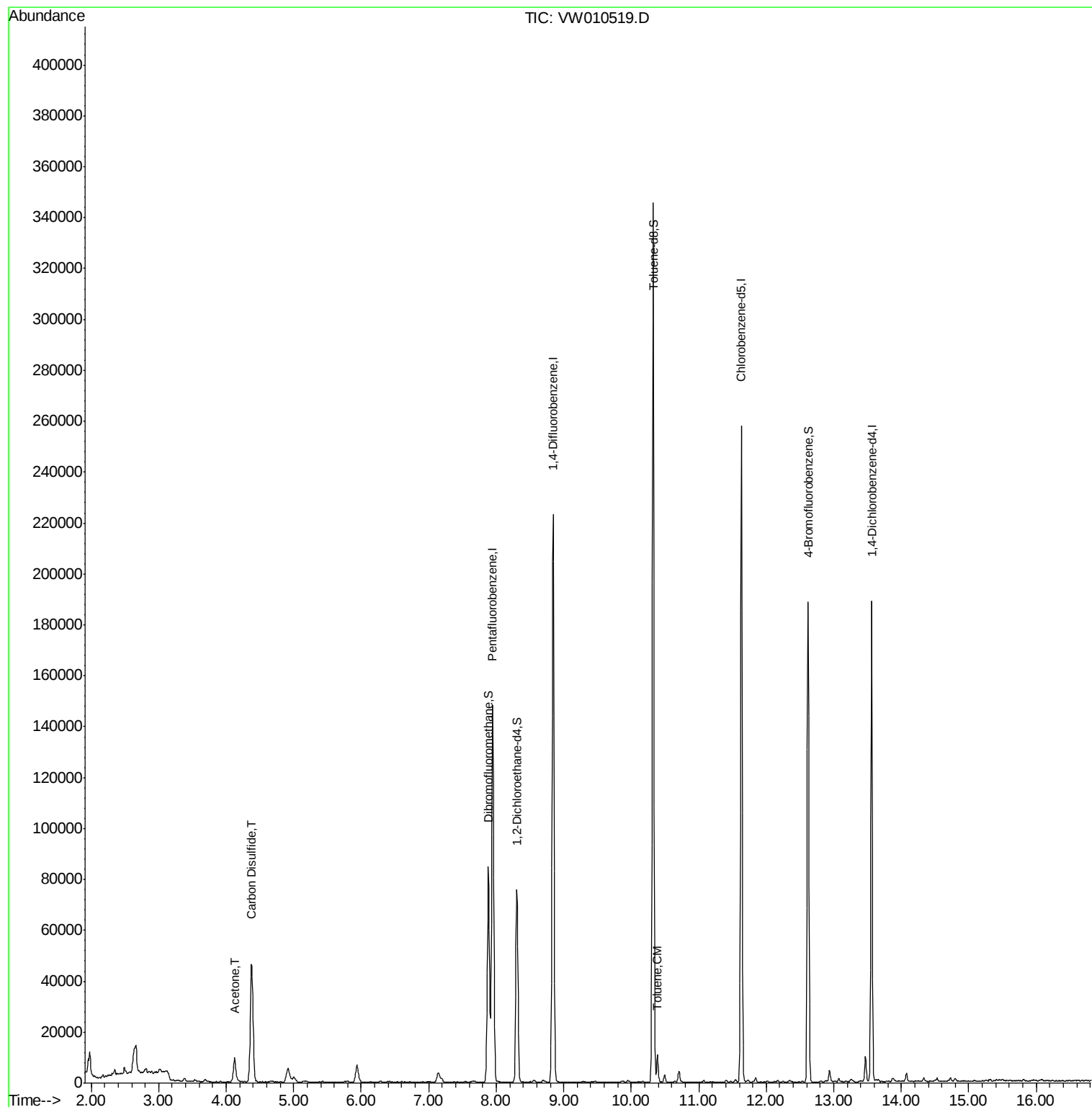
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	108944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	198491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	60389	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
35) Dibromofluoromethane	7.88	113	60888	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	10.32	98	236831	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	68550	37.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.80%	
Target Compounds						
16) Acetone	4.12	43	15838	69.001	ug/l	97
17) Carbon Disulfide	4.37	76	96590	28.141	ug/l	98
52) Toluene	10.39	92	4727	1.370	ug/l	98

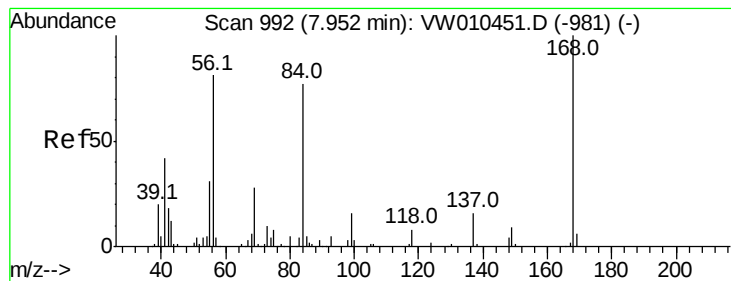
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052219\
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Quant Title : SW846 8260
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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: VW010519.D

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Instrument :

MSVOA_W

ClientSampleId :

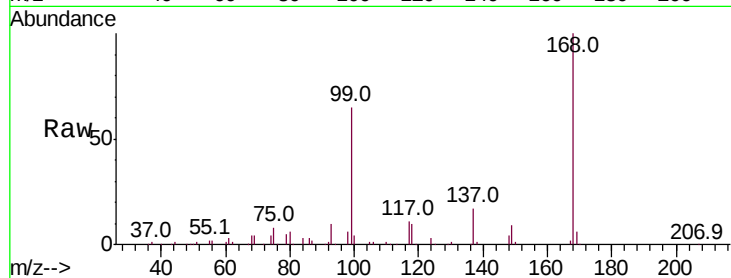
TP-8-D2

Tot Ion:168 Resp: 108944

Ion Ratio Lower Upper

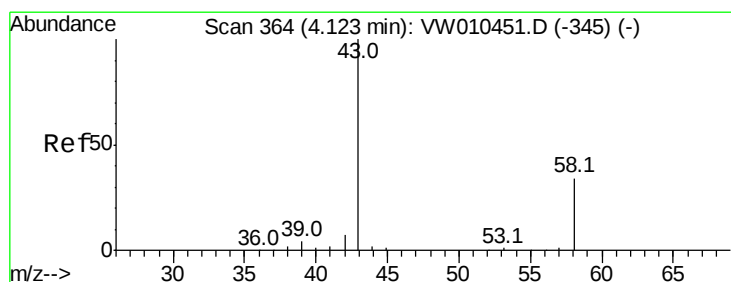
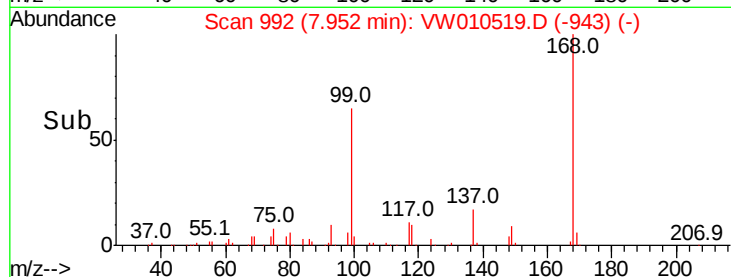
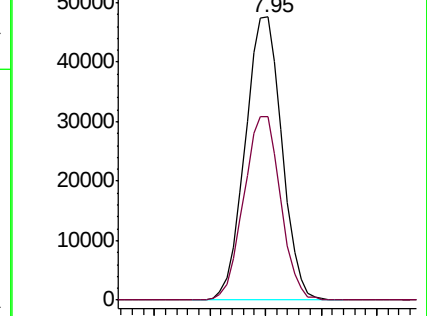
168 100

99 64.7 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 69.001 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010519.D

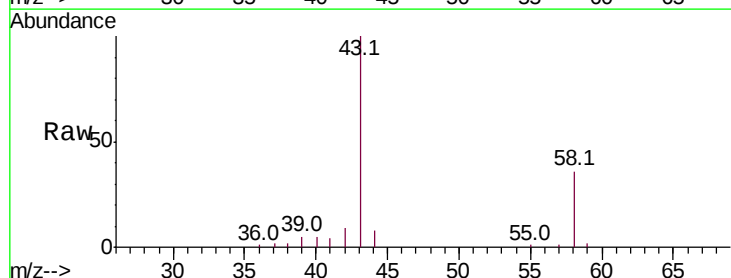
Acq: 22 May 2019 19:13

Tgt Ion: 43 Resp: 15838

Ion Ratio Lower Upper

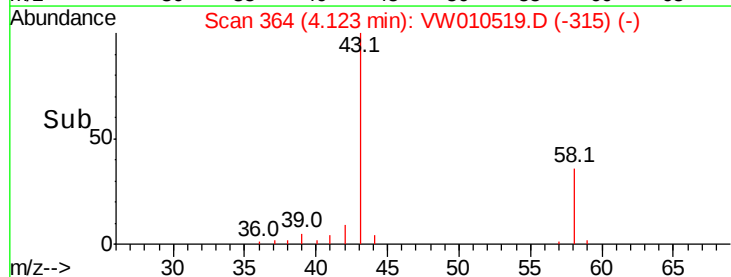
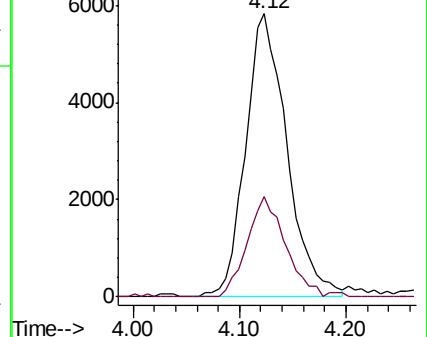
43 100

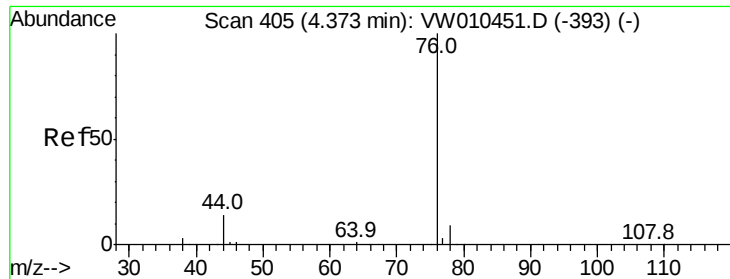
58 35.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

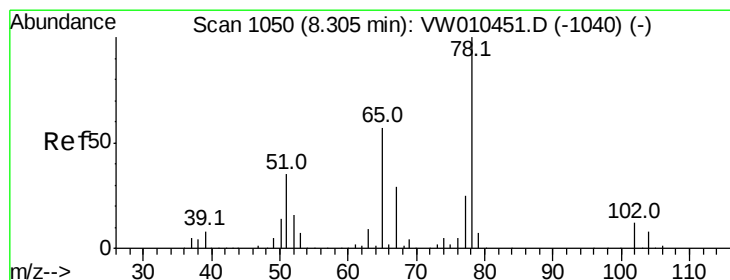
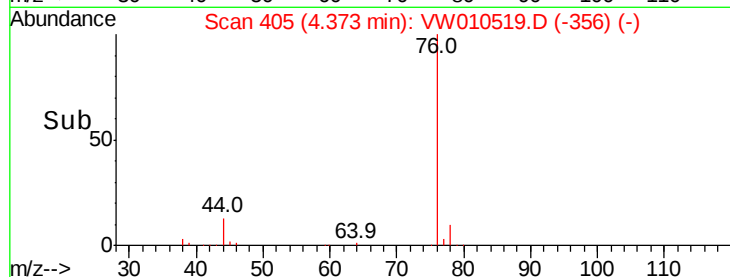
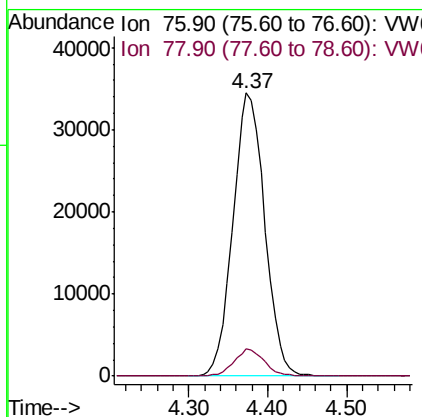
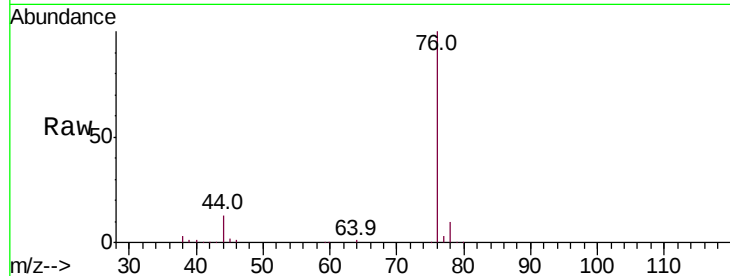




#17
Carbon Disulfide
Concen: 28.141 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW010519.D
Acq: 22 May 2019 19:13

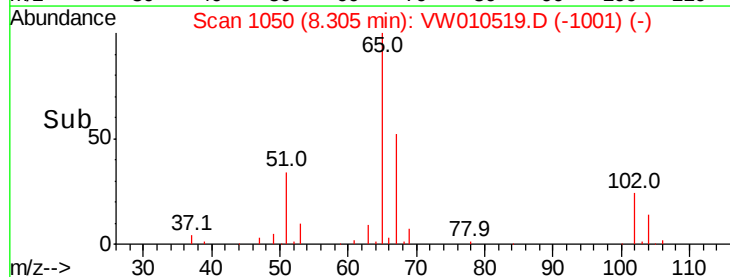
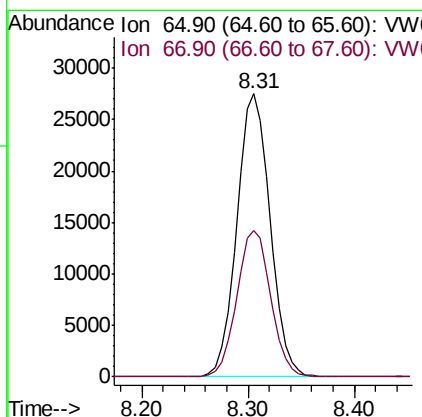
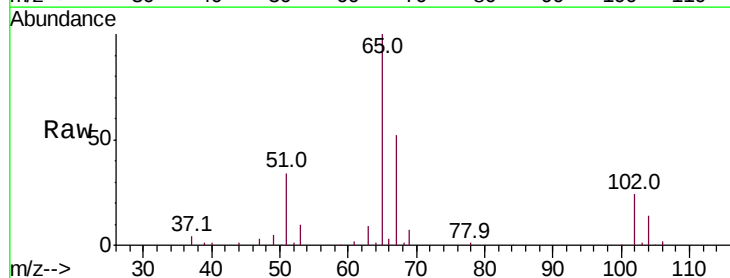
Instrument :
MSVOA_W
ClientSampleId :
TP-8-D2

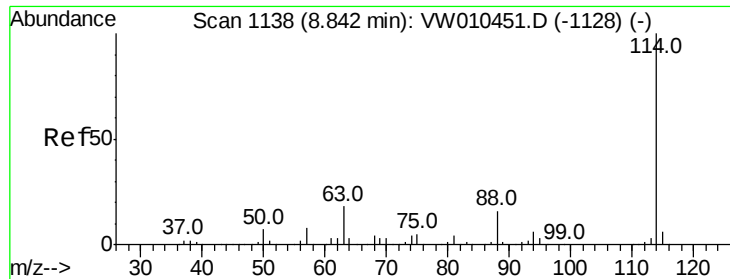
Tot Ion: 76 Resp: 96590
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#33
1,2-Dichloroethane-d4
Concen: 53.704 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010519.D
Acq: 22 May 2019 19:13

Tgt Ion: 65 Resp: 60389
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.6

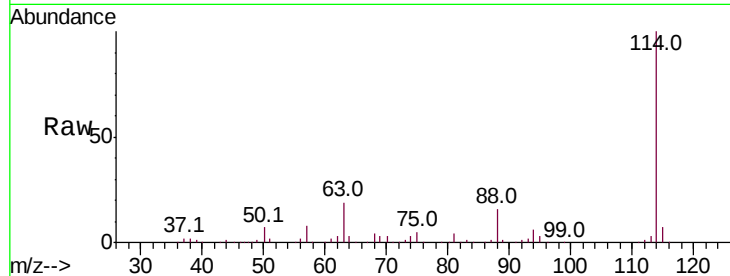




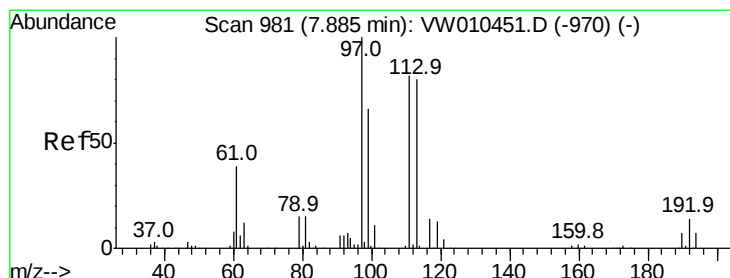
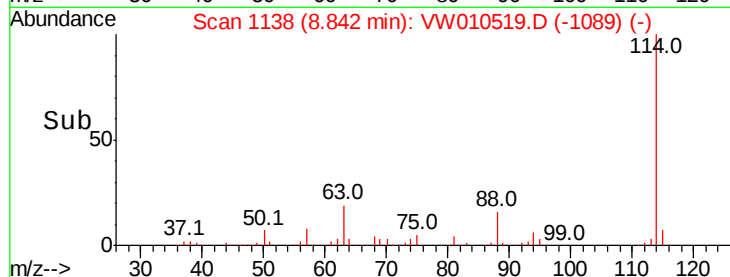
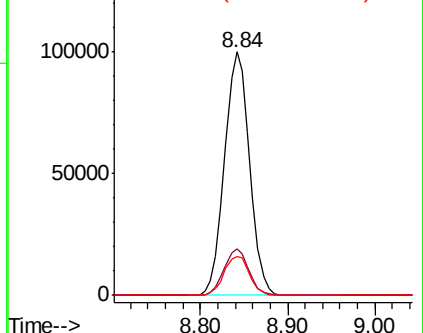
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010519.D
 Acq: 22 May 2019 19:13

Instrument :
 MSVOA_W
 ClientSampleID :
 TP-8-D2

Tot Ion:114 Resp: 198491
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.0
 88 16.0 0.0 32.0

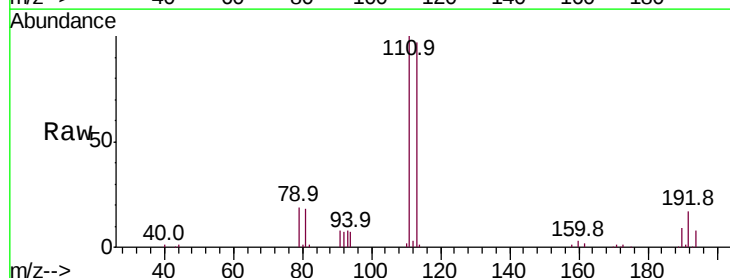


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

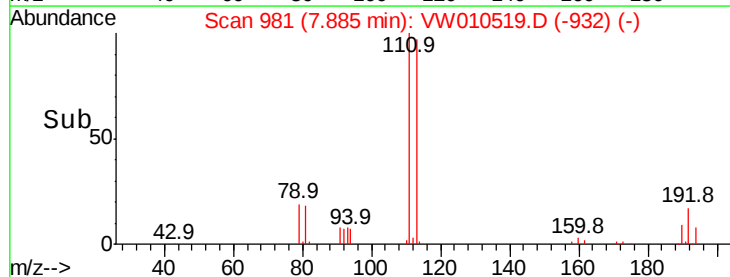
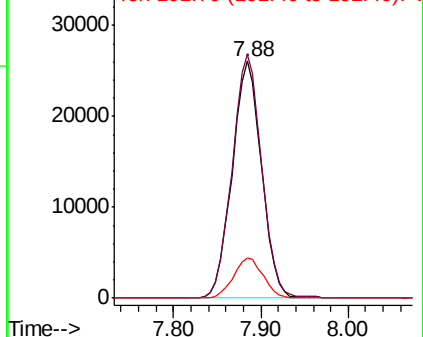


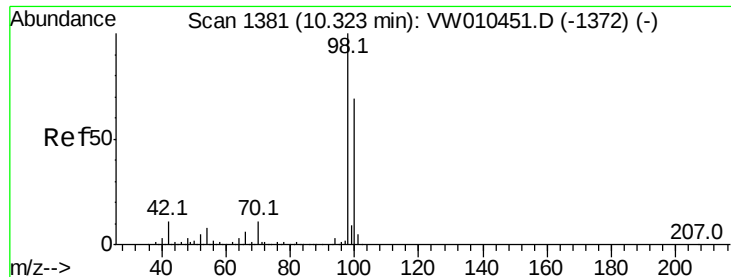
#35
 Dibromofluoromethane
 Concen: 50.554 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010519.D
 Acq: 22 May 2019 19:13

Tgt Ion:113 Resp: 60888
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 17.0 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: 51.473 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010519.D

Acq: 22 May 2019 19:13

Instrument :

MSVOA_W

ClientSampleId :

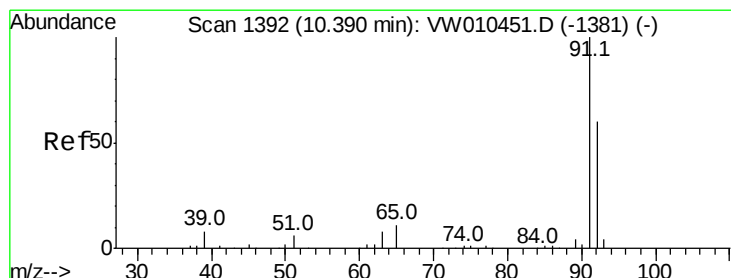
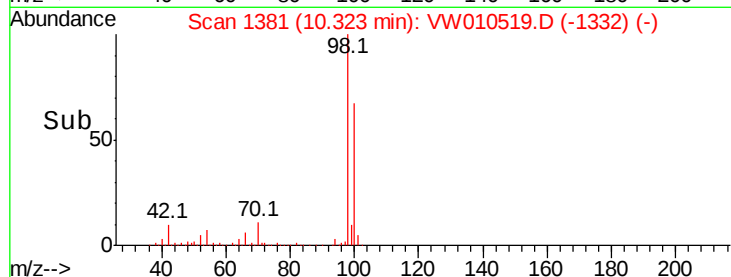
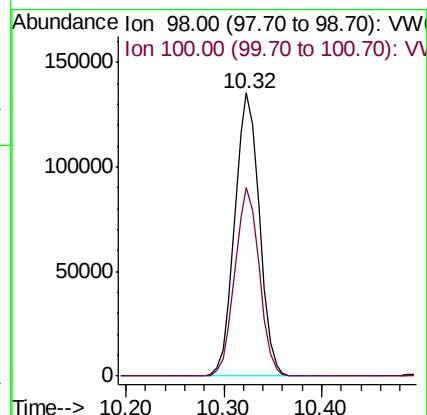
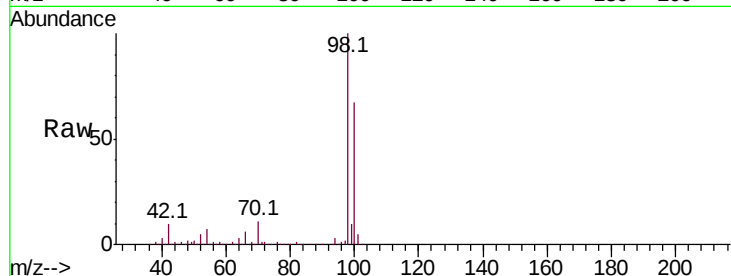
TP-8-D2

Tot Ion: 98 Resp: 236831

Ion Ratio Lower Upper

98 100

100 66.1 53.7 80.5



#52

Toluene

Concen: 1.370 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010519.D

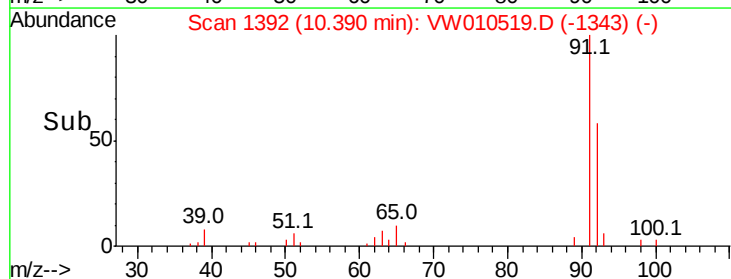
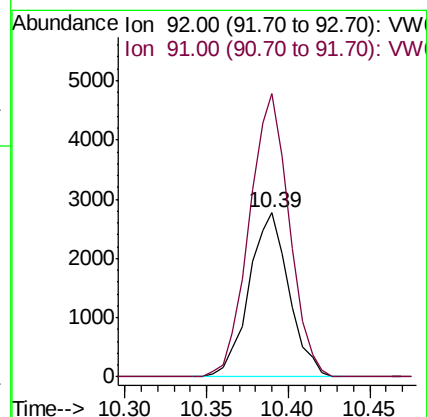
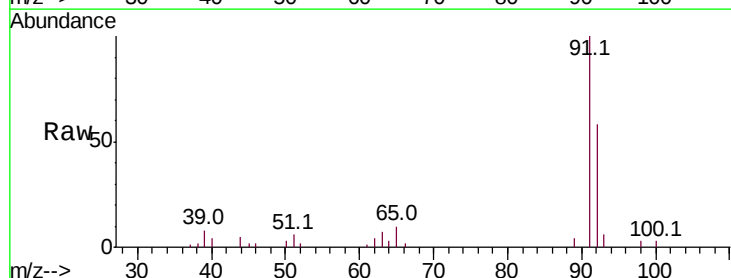
Acq: 22 May 2019 19:13

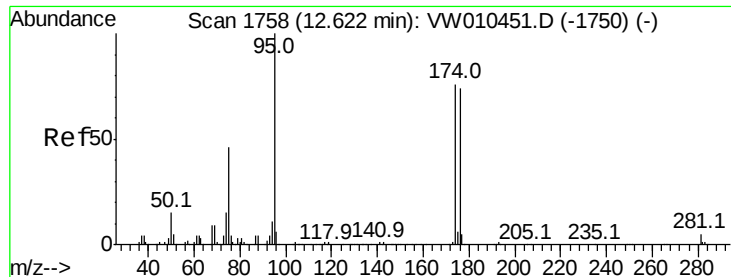
Tgt Ion: 92 Resp: 4727

Ion Ratio Lower Upper

92 100

91 172.4 135.4 203.0





#62

4-Bromofluorobenzene

Concen: 37.404 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010519.D

Acq: 22 May 2019 19:13

Instrument :

MSVOA_W

ClientSampled :

TP-8-D2

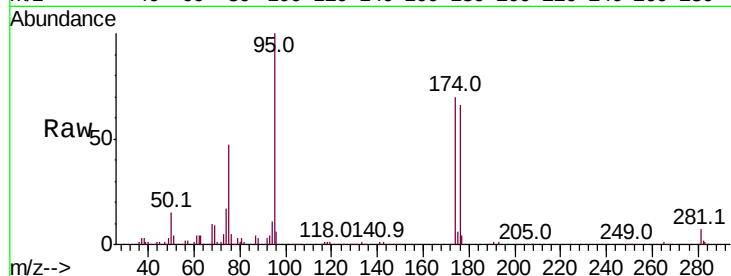
Tot Ion: 95 Resp: 68550

Ion Ratio Lower Upper

95 100

174 66.7 0.0 148.6

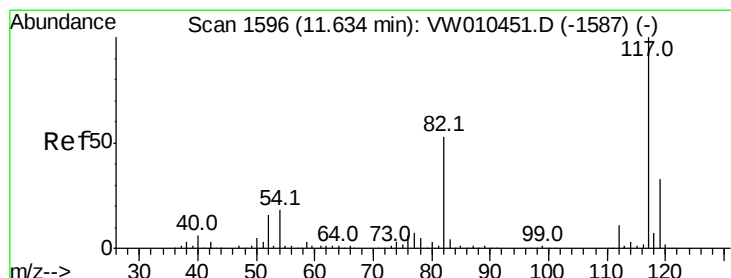
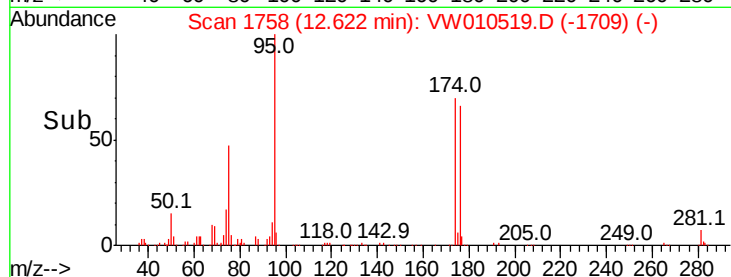
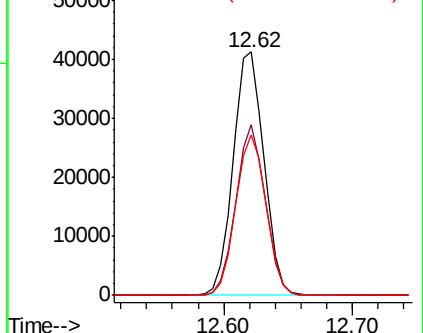
176 64.8 0.0 144.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW010519.D

Acq: 22 May 2019 19:13

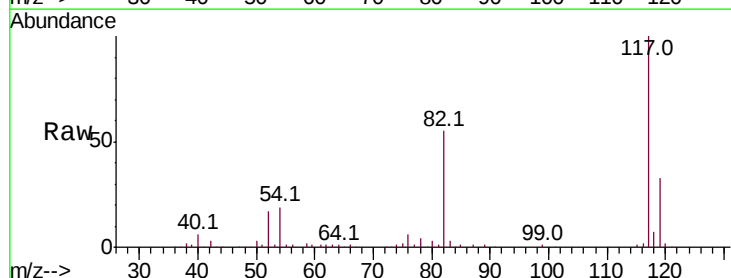
Tgt Ion: 117 Resp: 151732

Ion Ratio Lower Upper

117 100

82 55.3 42.8 64.2

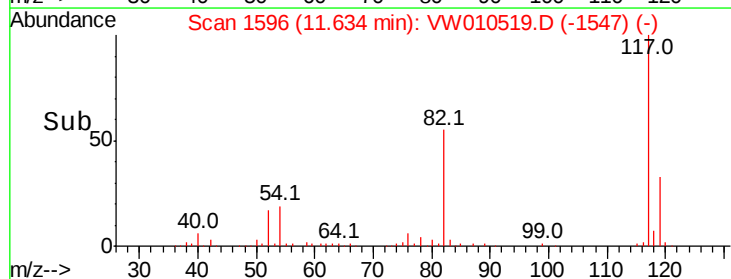
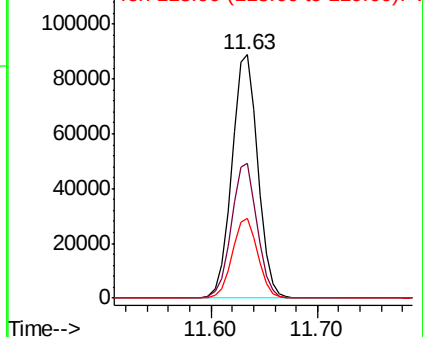
119 32.9 26.3 39.5

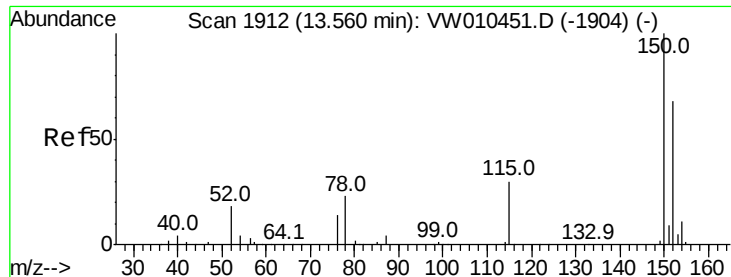


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010519.D

Acq: 22 May 2019 19:13

Instrument :

MSVOA_W

ClientSampleId :

TP-8-D2

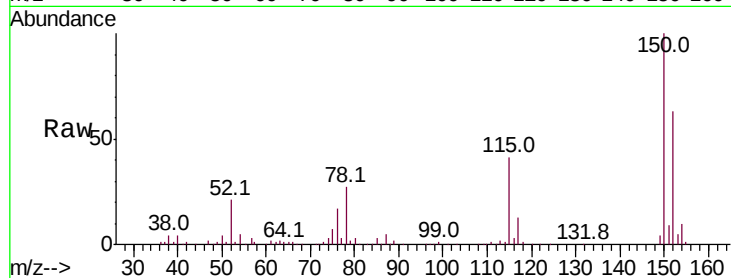
Tot Ion:152 Resp: 47977

Ion Ratio Lower Upper

152 100

115 63.3 30.3 91.0

150 154.0 0.0 349.8



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

