

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010368.D
 Acq On : 10 May 2019 20:53
 Operator : SY/VA
 Sample : K2718-11
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-02

Quant Time: May 11 00:15:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	159329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	87582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	10794	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	64580	58.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.18%	
35) Dibromofluoromethane	7.88	113	52585	56.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.80%	
50) Toluene-d8	10.32	98	102485	26.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.98%	
62) 4-Bromofluorobenzene	12.62	95	13892	10.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.78%	

Target Compounds

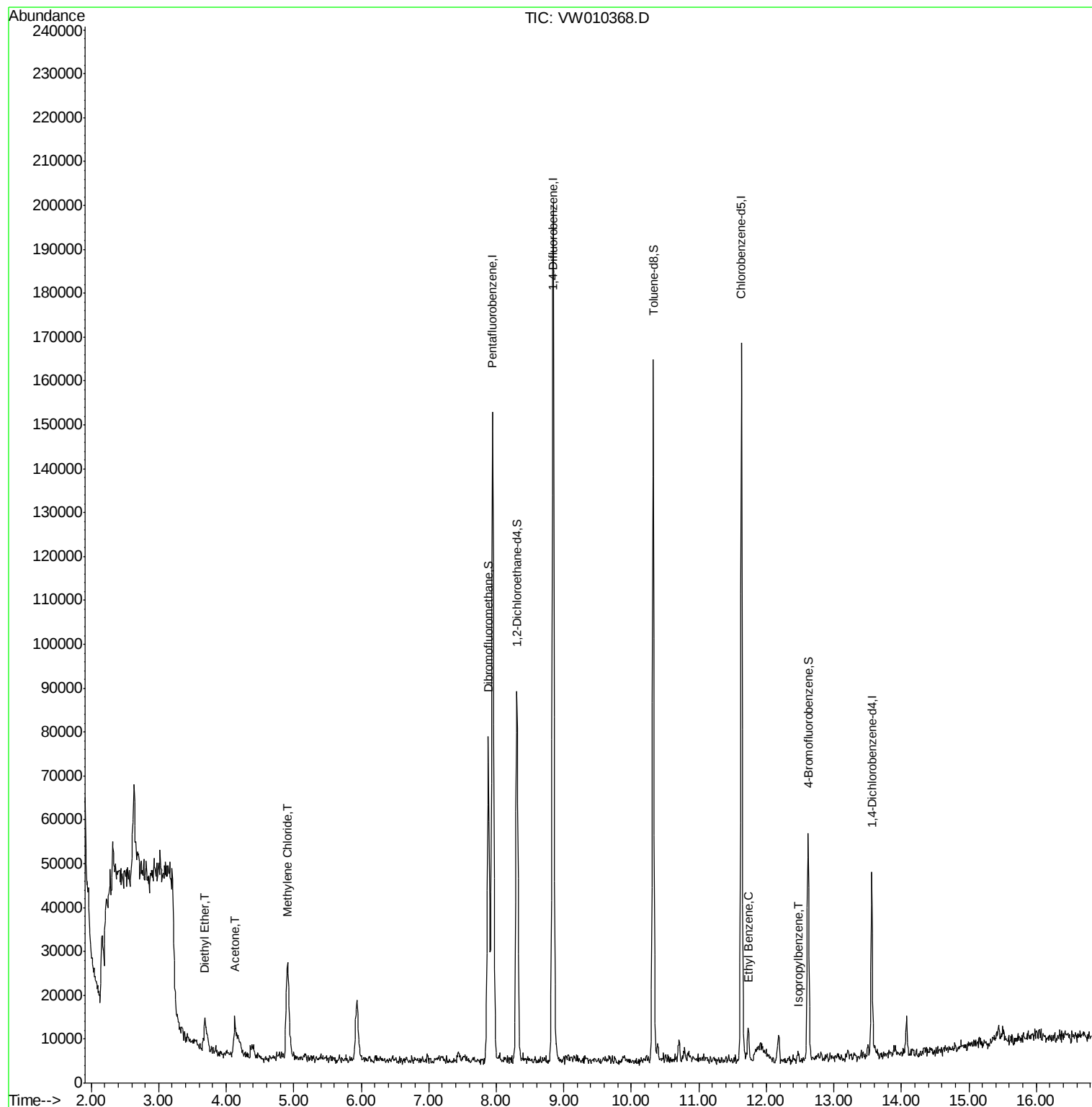
					Qvalue
8) Diethyl Ether	3.69	74	4322	7.382	ug/l 97
16) Acetone	4.13	43	18051	62.283	ug/l 93
20) Methylene Chloride	4.91	84	15826	13.092	ug/l 92
67) Ethyl Benzene	11.73	91	4466	1.339	ug/l 94
73) Isopropylbenzene	12.47	105	1284	1.632	ug/l 97

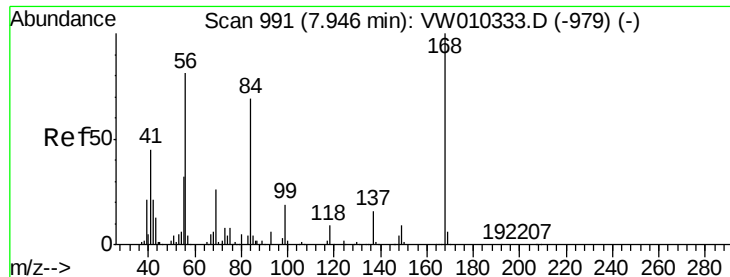
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010368.D

Acq: 10 May 2019 20:53

Instrument :

MSVOA_W

ClientSampleId :

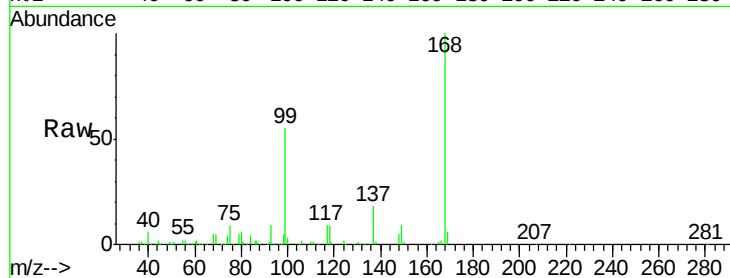
P026-SS006-0002-02

Tot Ion:168 Resp: 104571

Ion Ratio Lower Upper

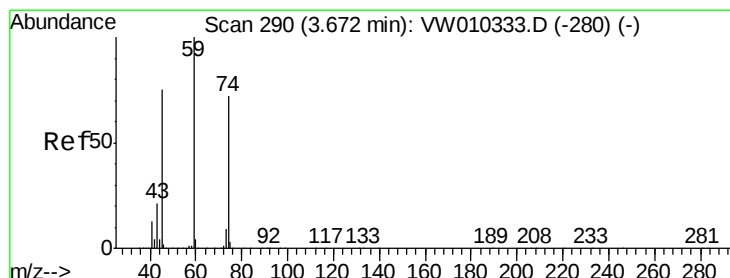
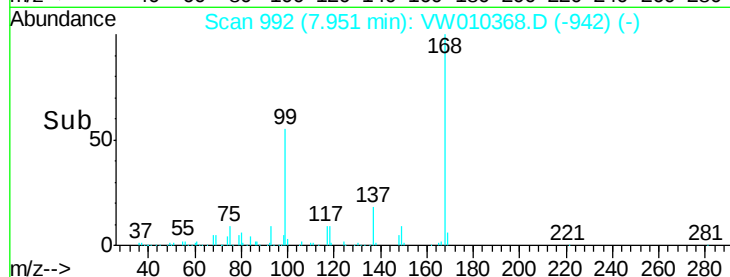
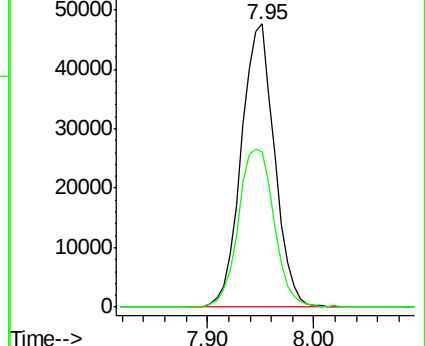
168 100

99 55.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 7.382 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.02 min

Lab File: VW010368.D

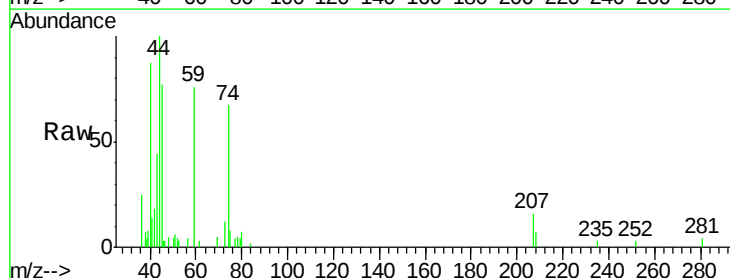
Acq: 10 May 2019 20:53

Tgt Ion: 74 Resp: 4322

Ion Ratio Lower Upper

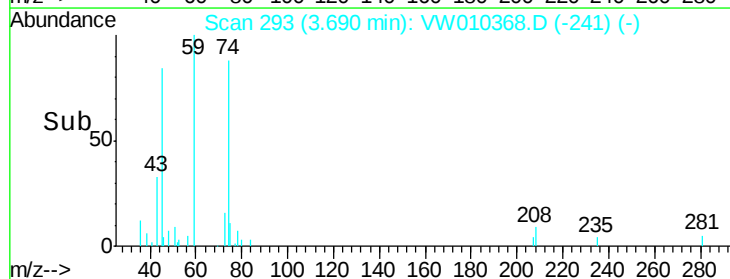
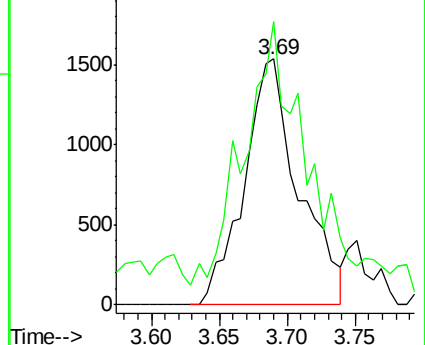
74 100

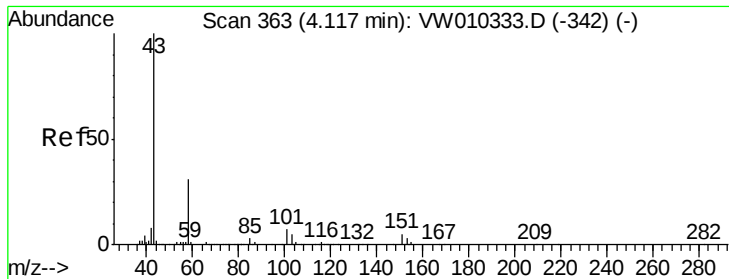
45 115.6 56.0 168.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

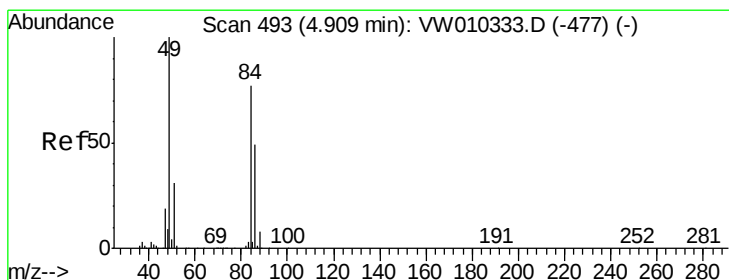
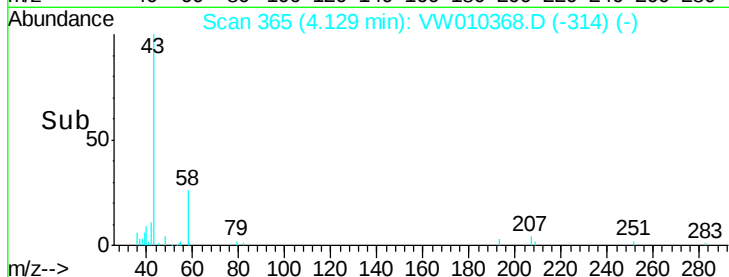
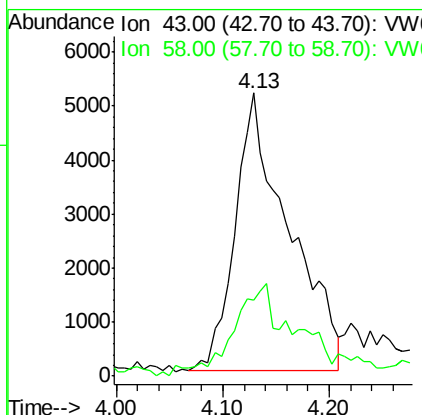
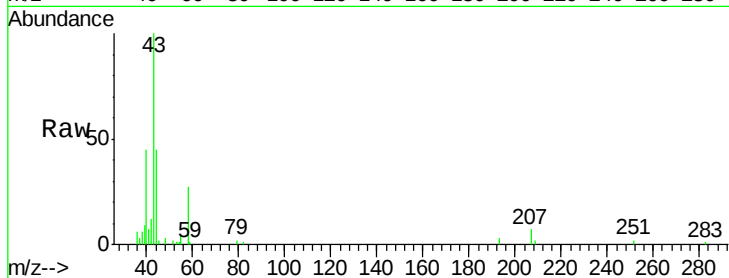




#16
Acetone
Concen: 62.283 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010368.D
Acq: 10 May 2019 20:53

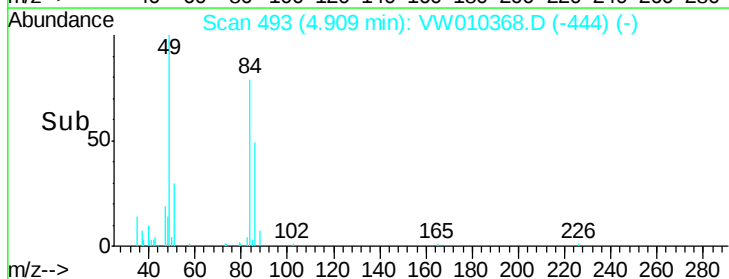
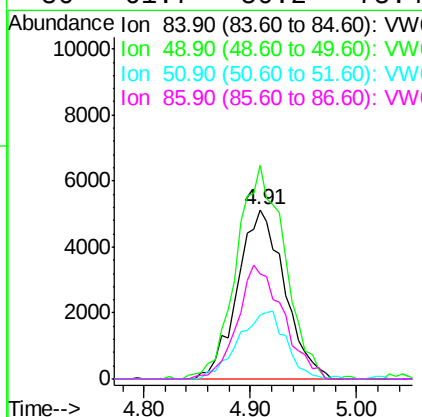
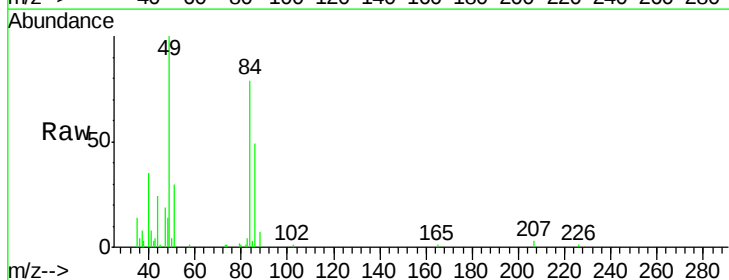
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-02

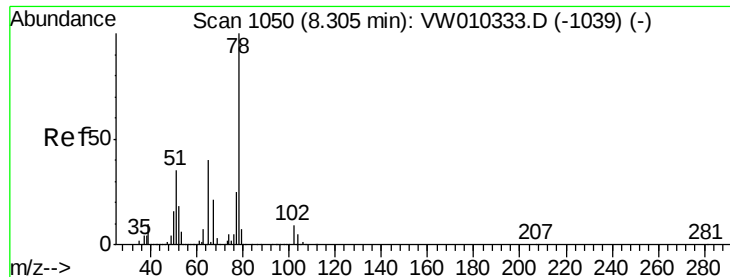
Tot Ion: 43 Resp: 18051
Ion Ratio Lower Upper
43 100
58 24.5 22.7 34.1



#20
Methylene Chloride
Concen: 13.092 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010368.D
Acq: 10 May 2019 20:53

Tgt Ion: 84 Resp: 15826
Ion Ratio Lower Upper
84 100
49 126.2 112.3 168.5
51 37.9 33.9 50.9
86 61.7 50.2 75.4





#33

1,2-Dichloroethane-d4

Concen: 58.090 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010368.D

Acq: 10 May 2019 20:53

Instrument :

MSVOA_W

ClientSampleId :

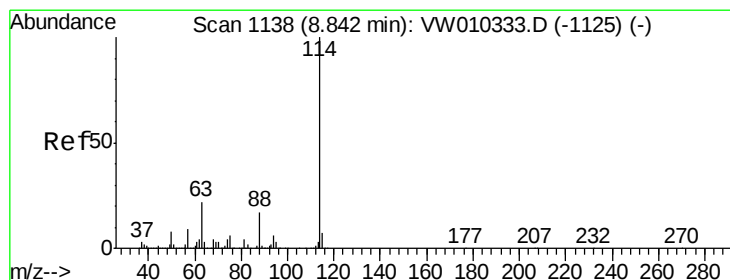
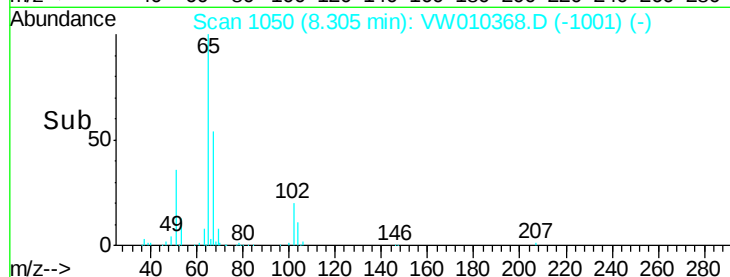
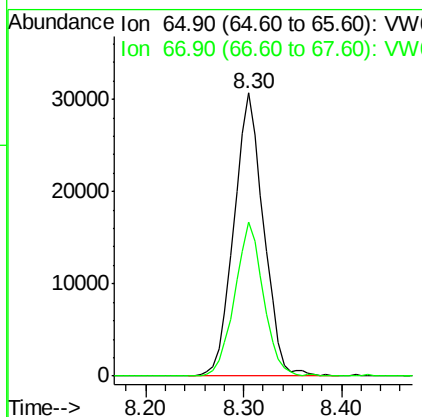
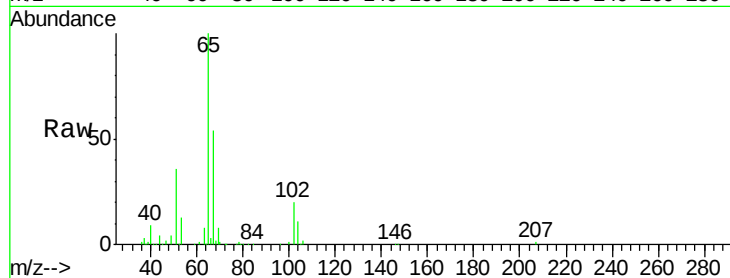
P026-SS006-0002-02

Tot Ion: 65 Resp: 64580

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010368.D

Acq: 10 May 2019 20:53

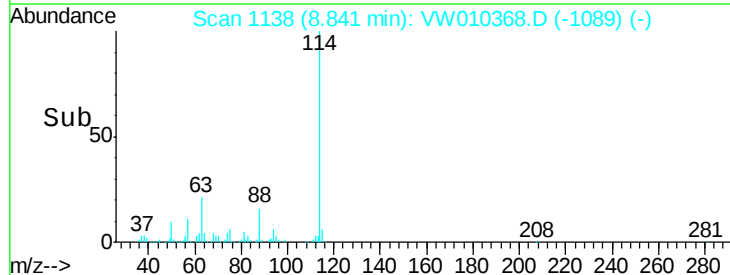
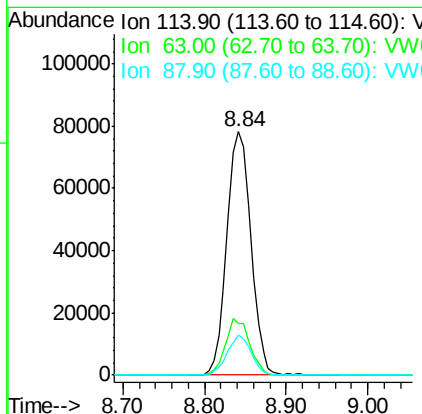
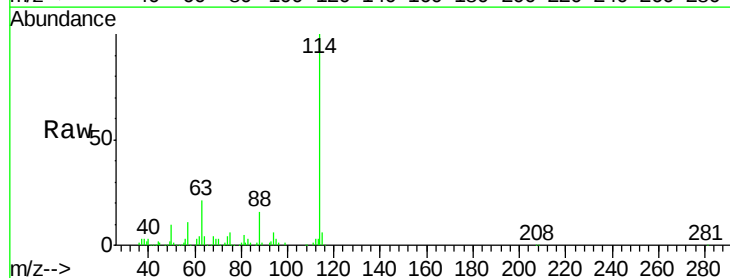
Tgt Ion: 114 Resp: 159329

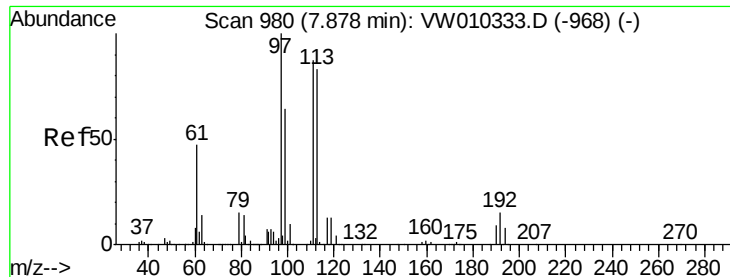
Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.2

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.399 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010368.D

Acq: 10 May 2019 20:53

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-02

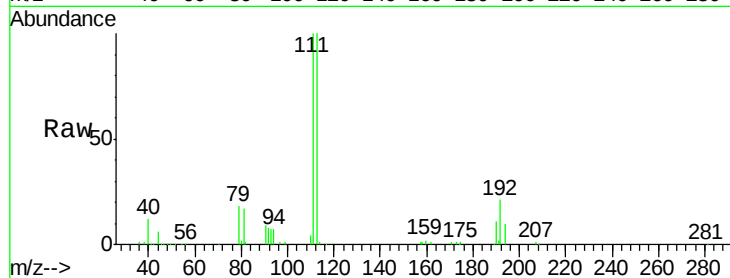
Tot Ion:113 Resp: 52585

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

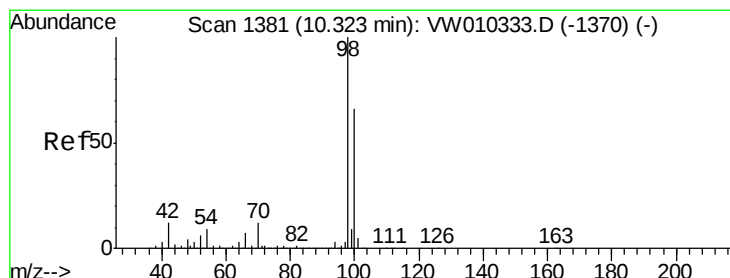
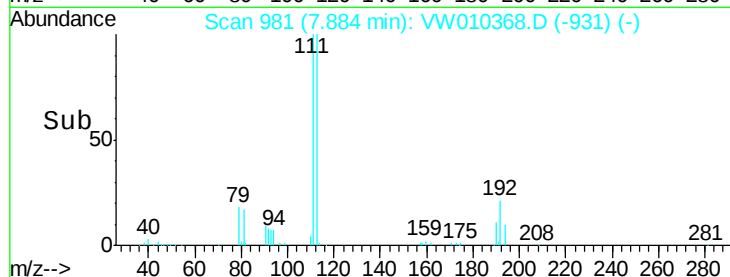
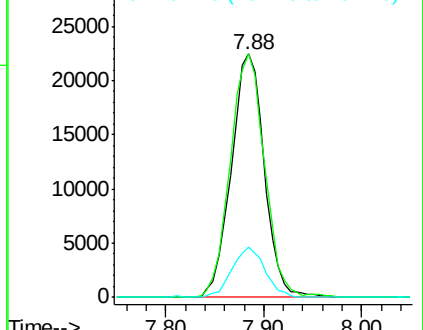
192 20.4 15.4 23.2



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: 26.994 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010368.D

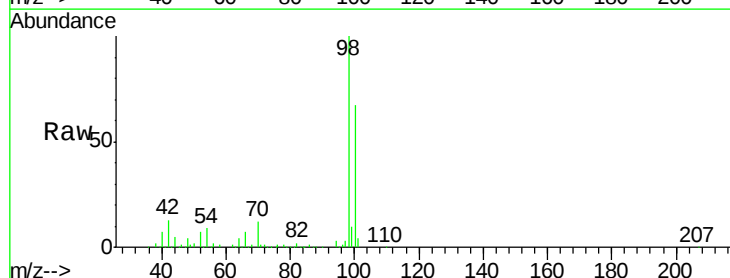
Acq: 10 May 2019 20:53

Tgt Ion: 98 Resp: 102485

Ion Ratio Lower Upper

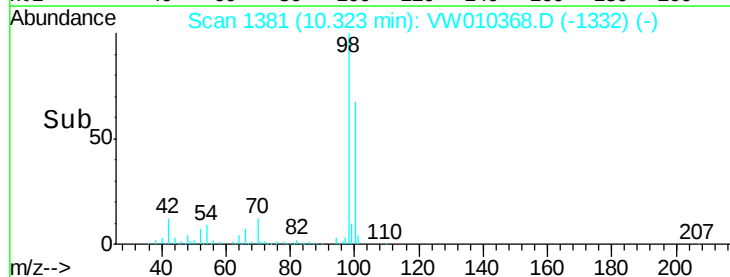
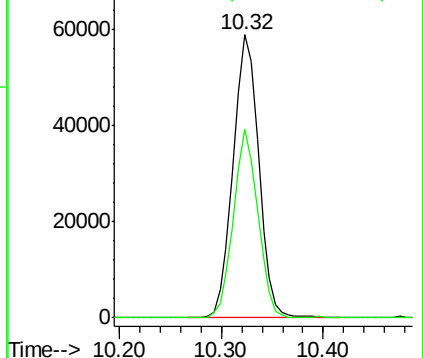
98 100

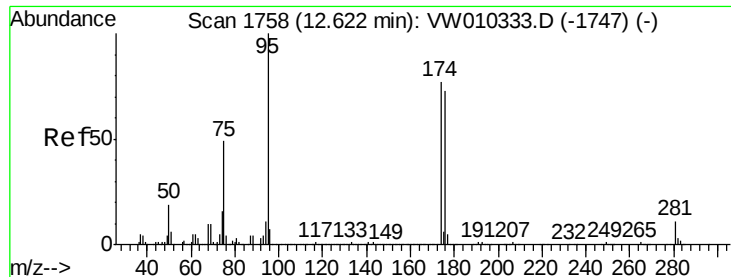
100 63.4 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 10.395 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010368.D

Acq: 10 May 2019 20:53

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-02

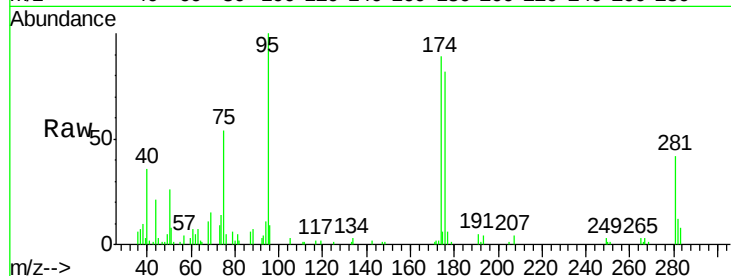
Tot Ion: 95 Resp: 13892

Ion Ratio Lower Upper

95 100

174 77.5 0.0 151.4

176 75.6 0.0 146.2

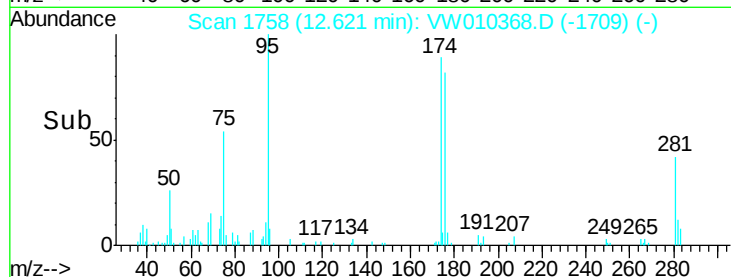


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

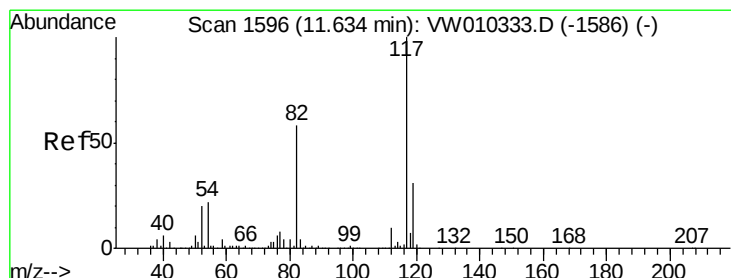
12.62



Abundance

12.62

Time--> 12.50 12.60 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010368.D

Acq: 10 May 2019 20:53

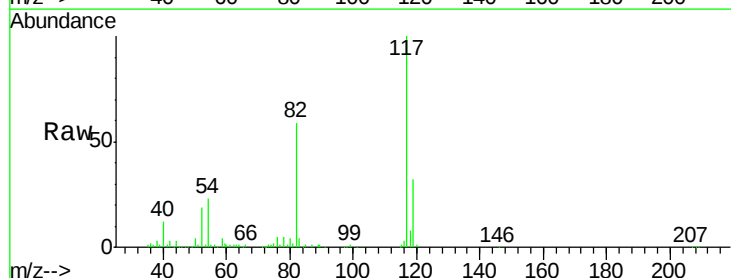
Tgt Ion: 117 Resp: 87582

Ion Ratio Lower Upper

117 100

82 58.9 45.2 67.8

119 31.9 25.4 38.2

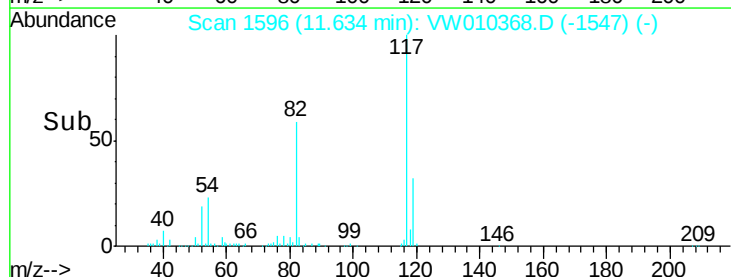


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

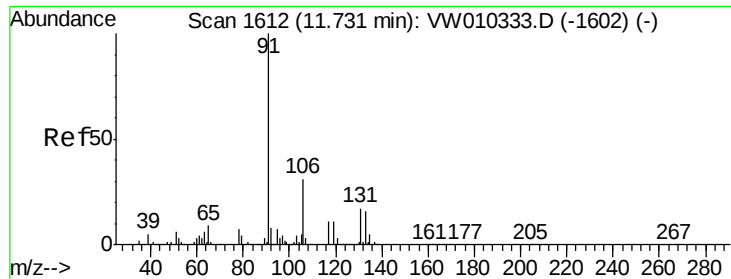
11.63



Abundance

11.63

Time--> 11.50 11.60 11.70 11.80



#67

Ethyl Benzene

Concen: 1.339 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010368.D

Acq: 10 May 2019 20:53

Instrument :

MSVOA_W

ClientSampleId :

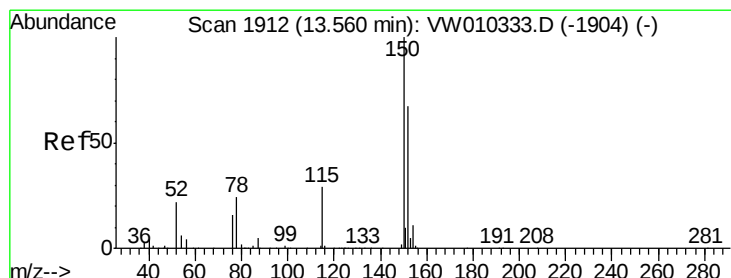
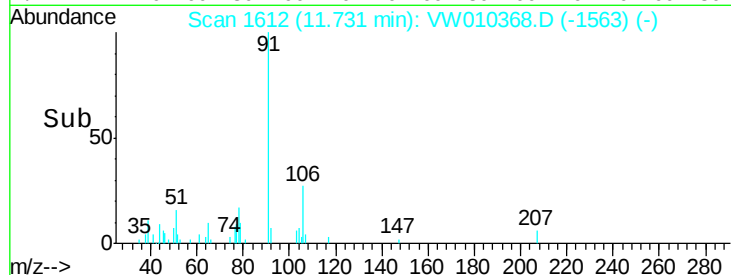
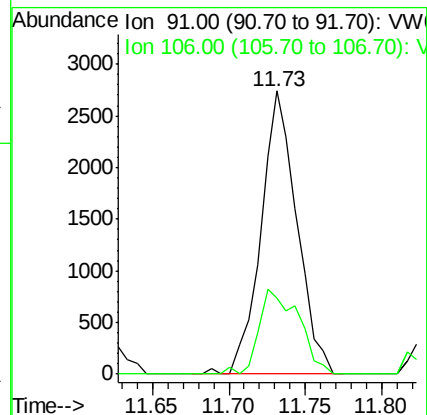
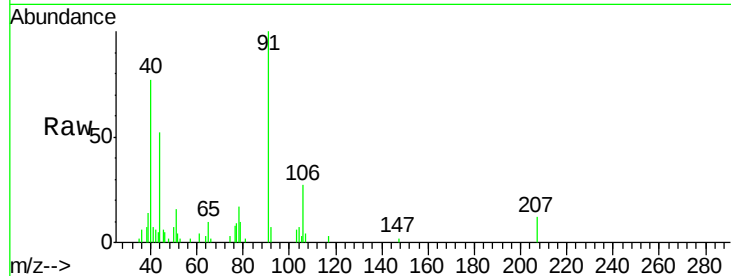
P026-SS006-0002-02

Tot Ion: 91 Resp: 4466

Ion Ratio Lower Upper

91 100

106 26.8 23.8 35.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010368.D

Acq: 10 May 2019 20:53

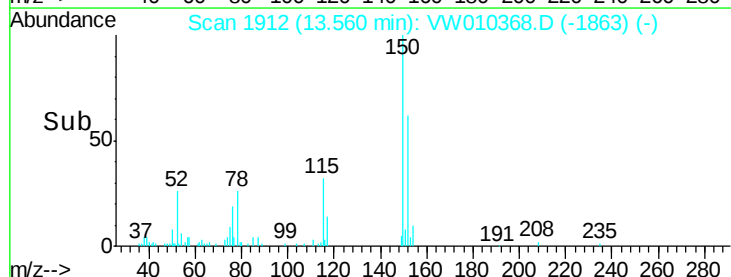
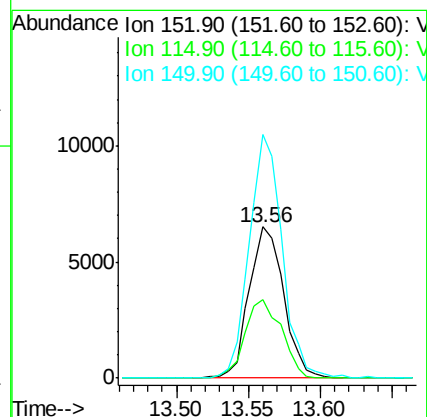
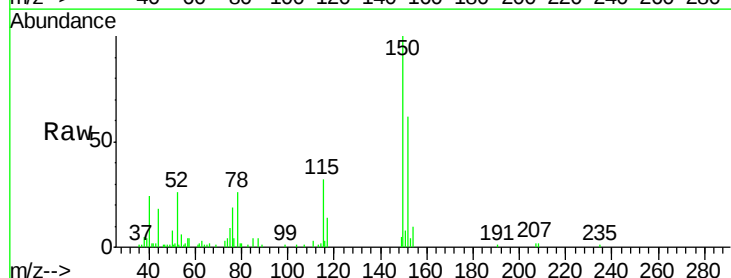
Tgt Ion: 152 Resp: 10794

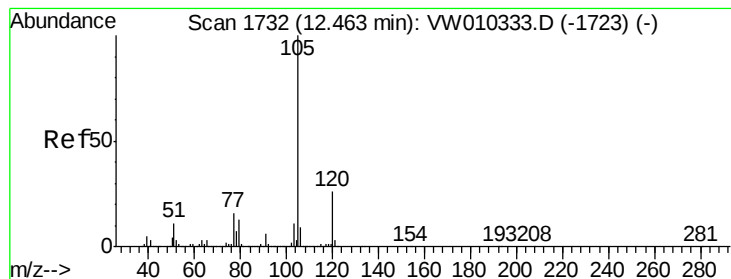
Ion Ratio Lower Upper

152 100

115 55.2 30.4 91.2

150 153.7 0.0 347.0





#73

Isopropylbenzene

Concen: 1.632 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW010368.D

Acq: 10 May 2019 20:53

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-02

Tot Ion:105 Resp: 1284

Ion Ratio Lower Upper

105 100

120 27.9 13.1 39.1

