

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010380.D
 Acq On : 11 May 2019 14:44
 Operator : SY/VA
 Sample : K2719-08
 Misc : 5.98G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS009-0002-01

Quant Time: May 12 00:47:22 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

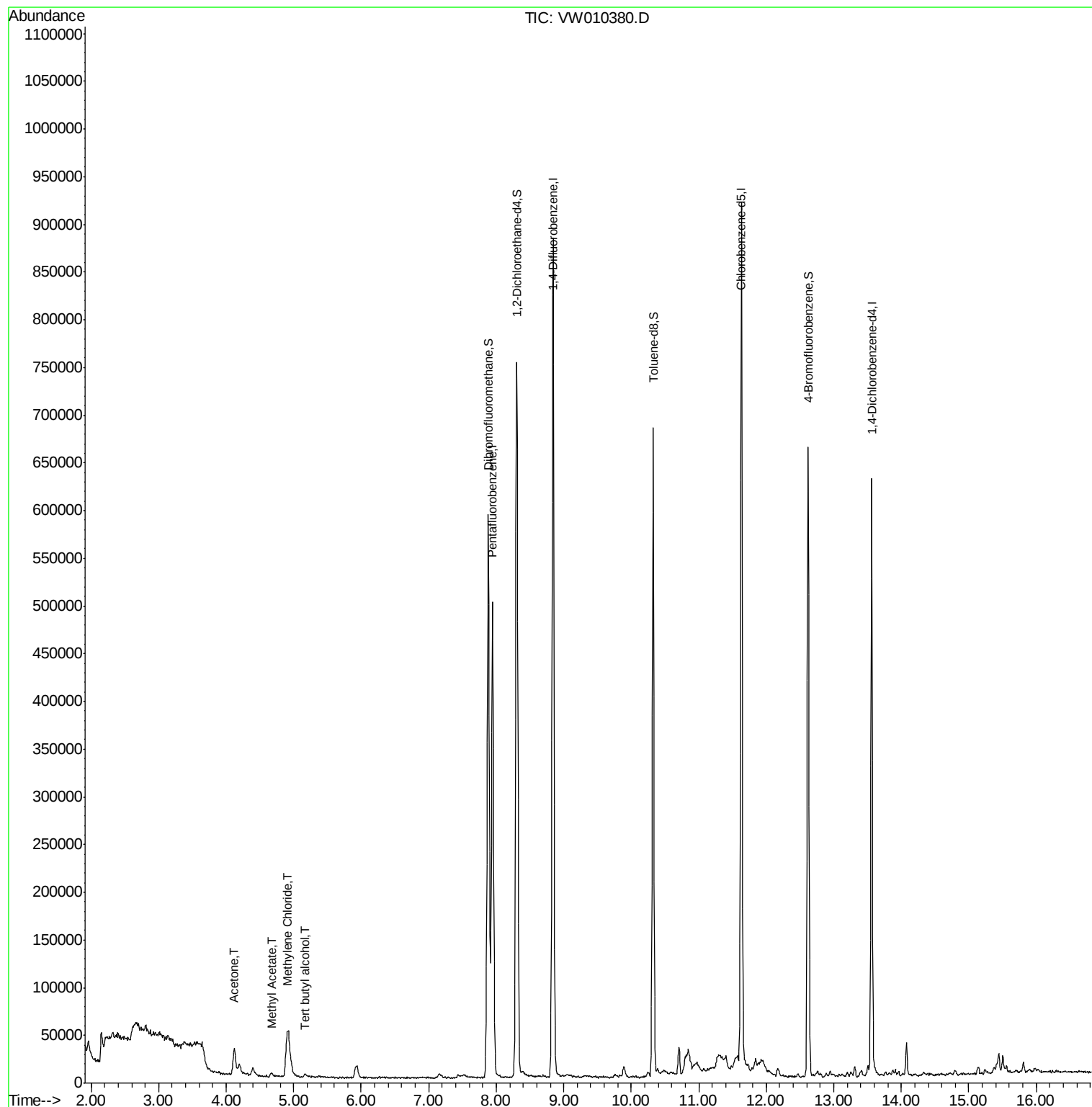
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	358207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	703615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	493472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	596523	156.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	313.28%	
35) Dibromofluoromethane	7.88	113	419253	101.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	203.64%	
50) Toluene-d8	10.32	98	442875	26.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.82%	
62) 4-Bromofluorobenzene	12.62	95	210624	35.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.38%	
Target Compounds						
11) Tert butyl alcohol	5.18	59	4753	17.673	ug/l	99
16) Acetone	4.12	43	51874	52.251	ug/l	97
18) Methyl Acetate	4.67	43	7119	2.895	ug/l #	88
20) Methylene Chloride	4.90	84	48793	11.783	ug/l	88

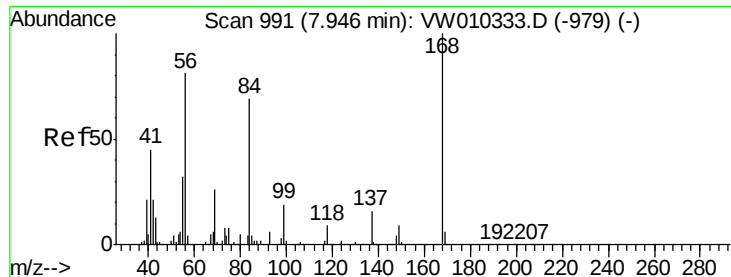
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010380.D

Acq: 11 May 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

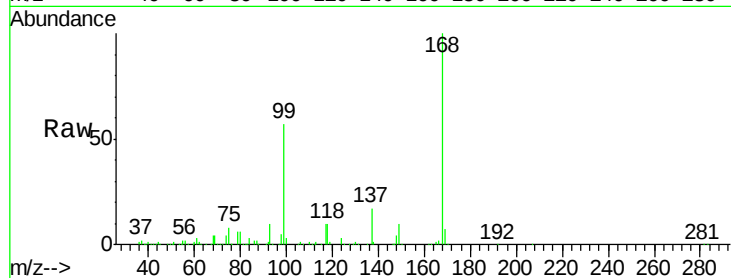
P026-SS009-0002-01

Tot Ion:168 Resp: 358207

Ion Ratio Lower Upper

168 100

99 57.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

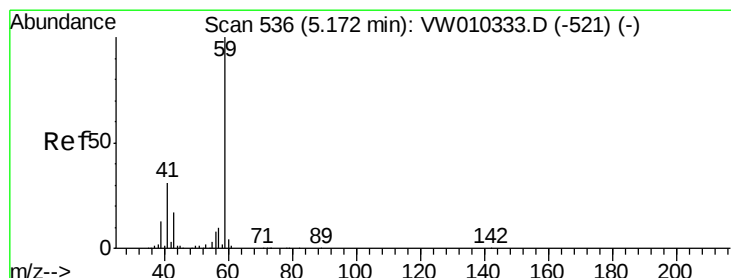
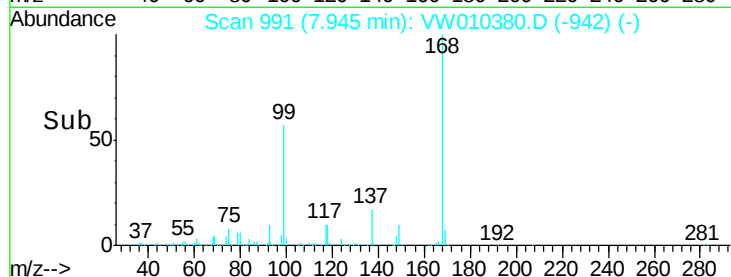
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 17.673 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW010380.D

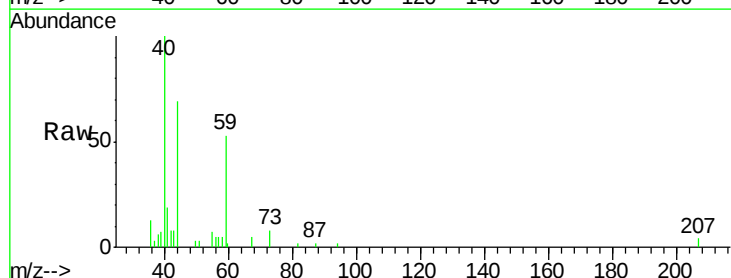
Acq: 11 May 2019 14:44

Tgt Ion: 59 Resp: 4753

Ion Ratio Lower Upper

59 100

57 10.8 9.0 13.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

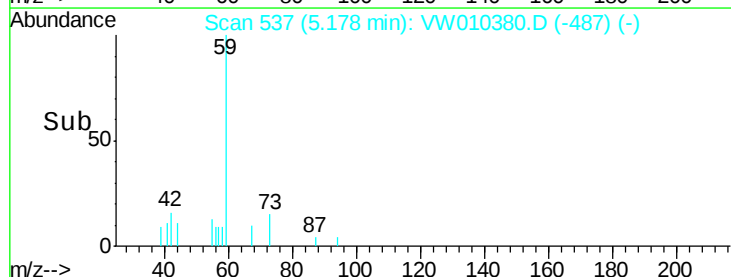
1500

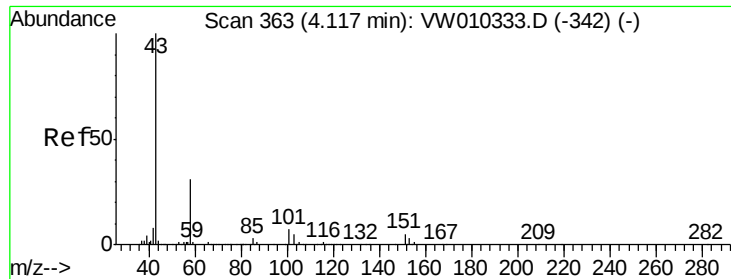
1000

500

0

Time-->

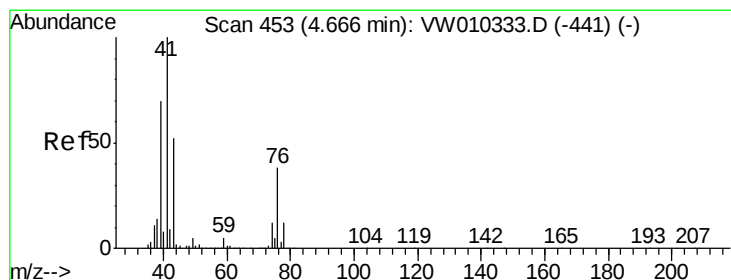
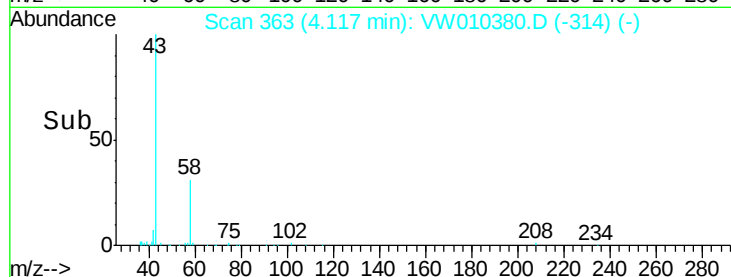
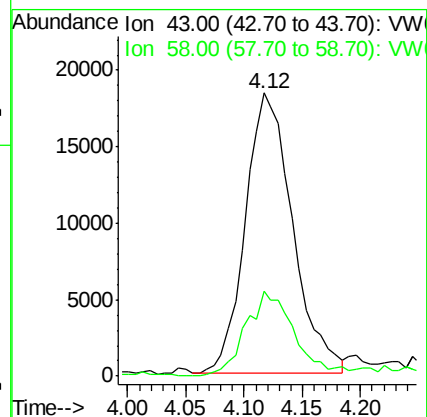
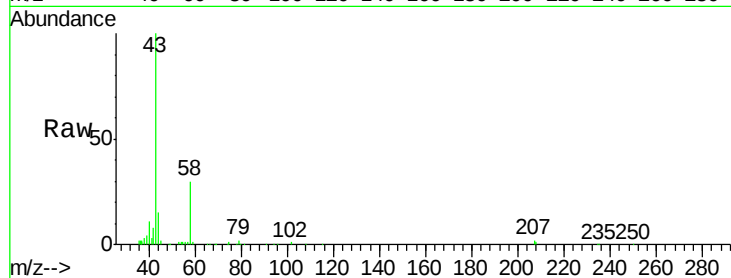




#16
Acetone
Concen: 52.251 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW010380.D
Acq: 11 May 2019 14:44

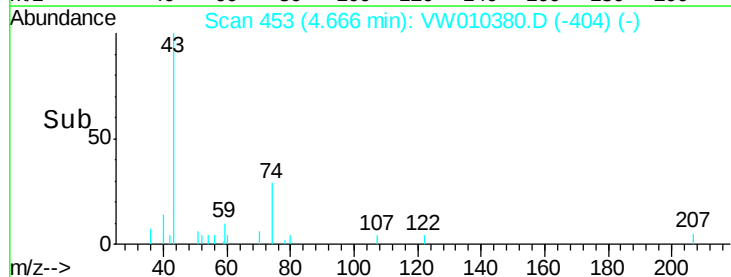
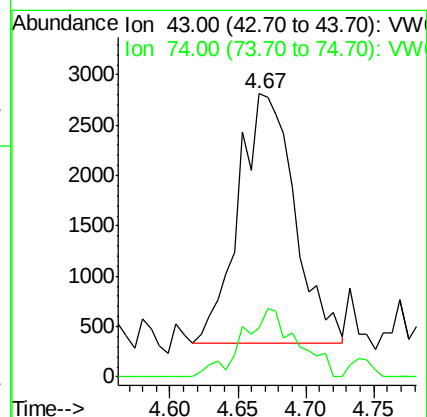
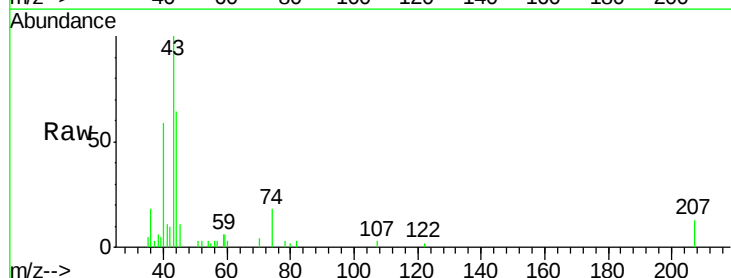
Instrument :
MSVOA_W
ClientSampleId :
P026-SS009-0002-01

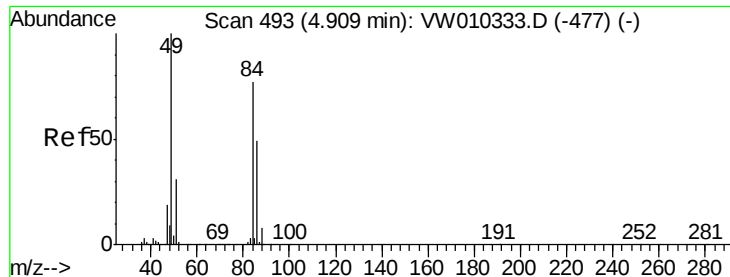
Tot Ion: 43 Resp: 51874
Ion Ratio Lower Upper
43 100
58 30.2 22.7 34.1



#18
Methyl Acetate
Concen: 2.895 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW010380.D
Acq: 11 May 2019 14:44

Tgt Ion: 43 Resp: 7119
Ion Ratio Lower Upper
43 100
74 26.8 16.8 25.2#

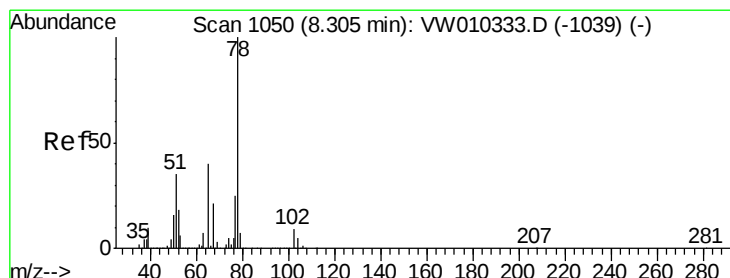
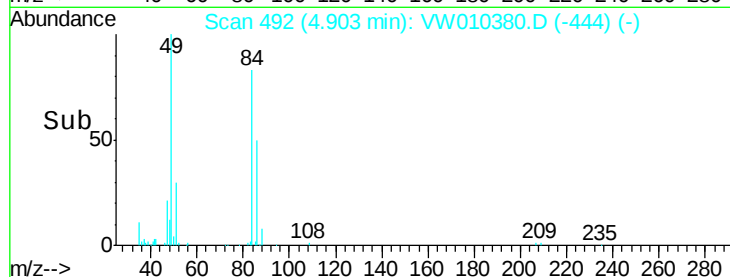
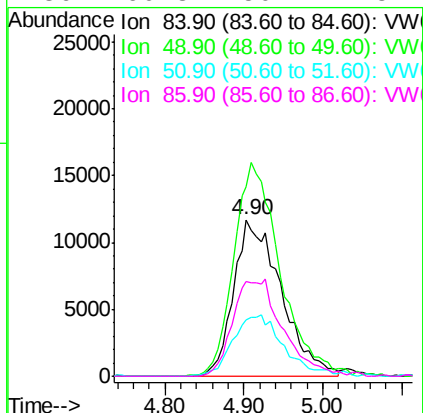
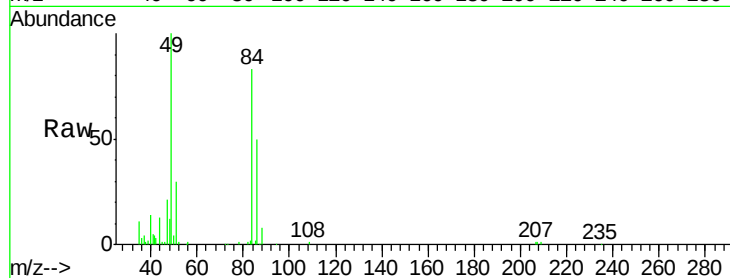




#20
Methylene Chloride
Concen: 11.783 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW010380.D
Acq: 11 May 2019 14:44

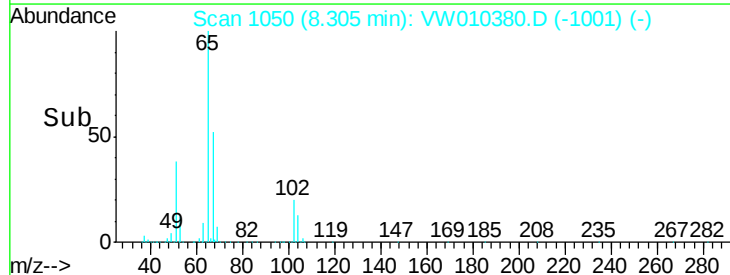
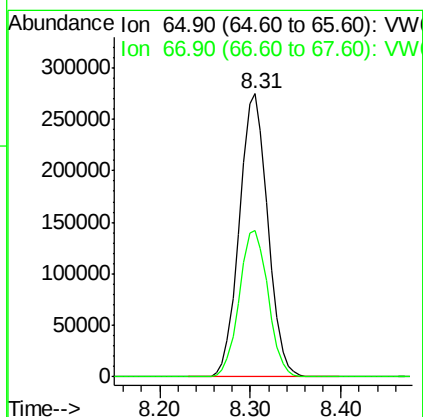
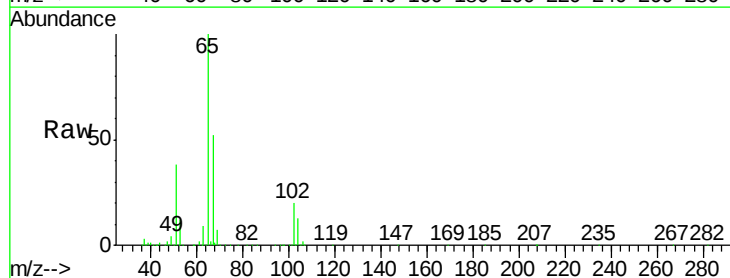
Instrument :
MSVOA_W
ClientSampleId :
P026-SS009-0002-01

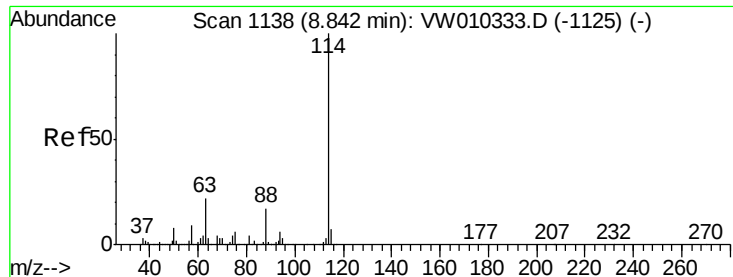
Tot Ion:	84	Resp:	48793
Ion	Ratio	Lower	Upper
84	100		
49	120.5	112.3	168.5
51	36.4	33.9	50.9
86	60.3	50.2	75.4



#33
1,2-Dichloroethane-d4
Concen: 156.641 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010380.D
Acq: 11 May 2019 14:44

Tgt Ion:	65	Resp:	596523
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: VW010380.D

Acq: 11 May 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

P026-SS009-0002-01

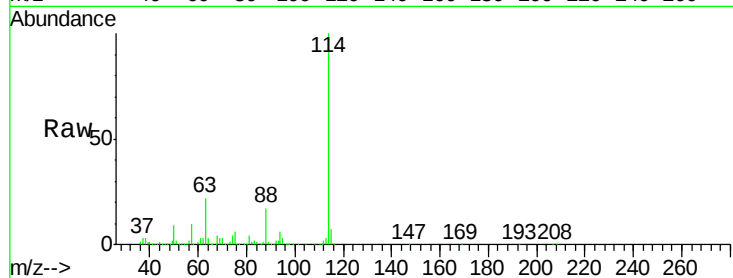
Tot Ion:114 Resp: 703615

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.2

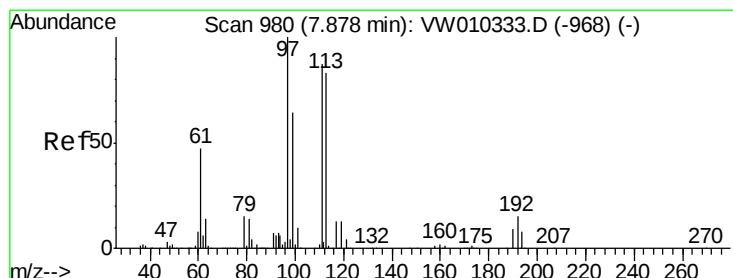
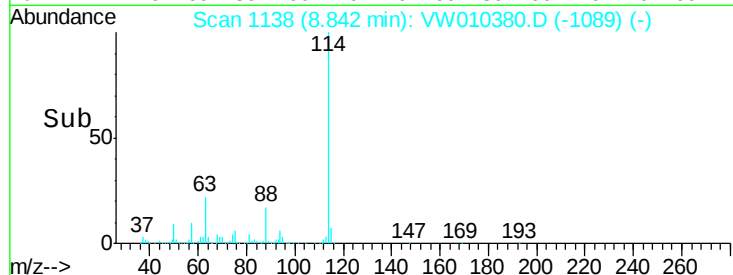
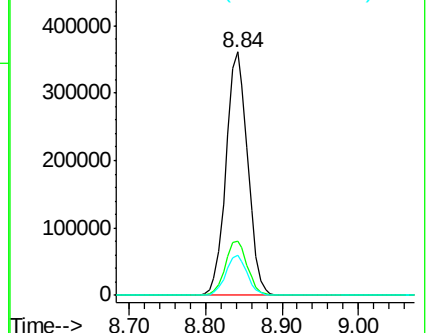
88 16.7 0.0 32.6



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: 101.823 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010380.D

Acq: 11 May 2019 14:44

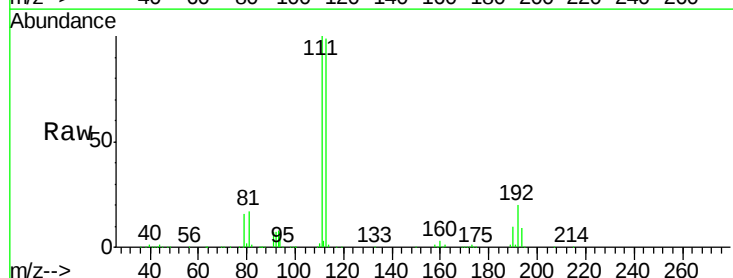
Tgt Ion:113 Resp: 419253

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

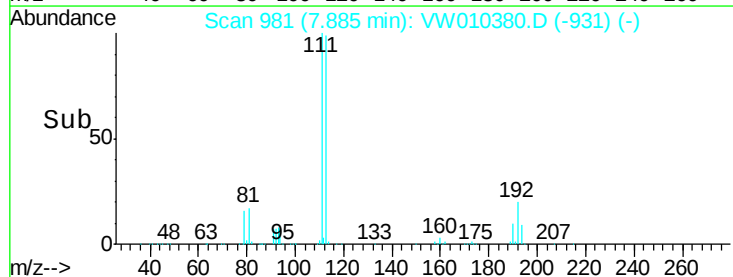
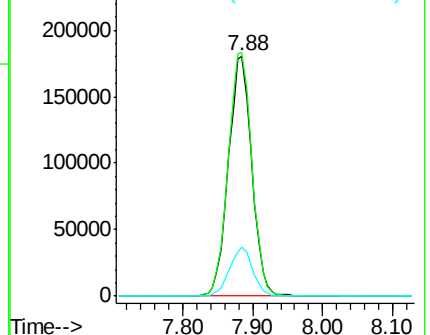
192 20.1 15.4 23.2

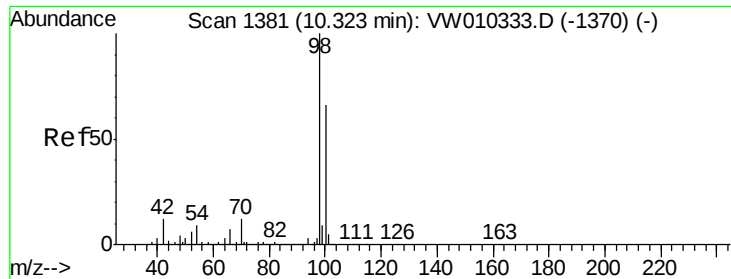


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 26.414 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010380.D

Acq: 11 May 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

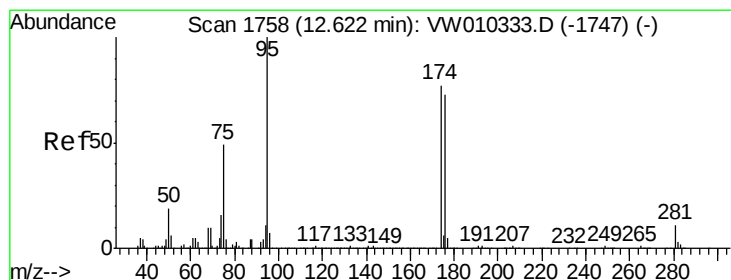
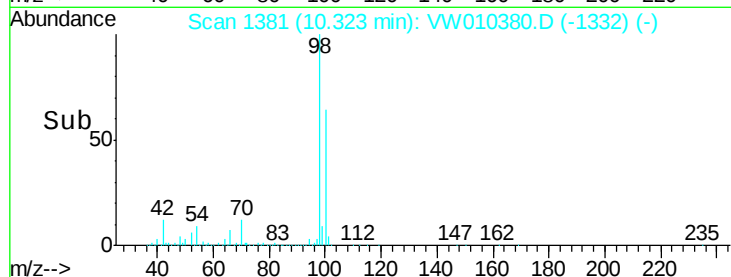
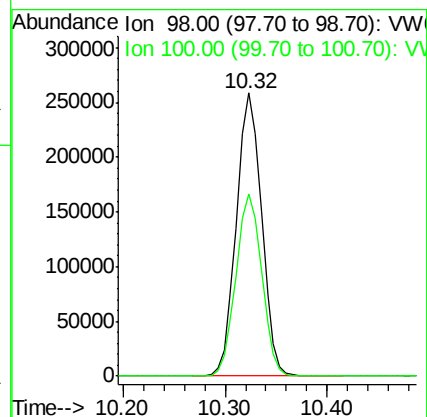
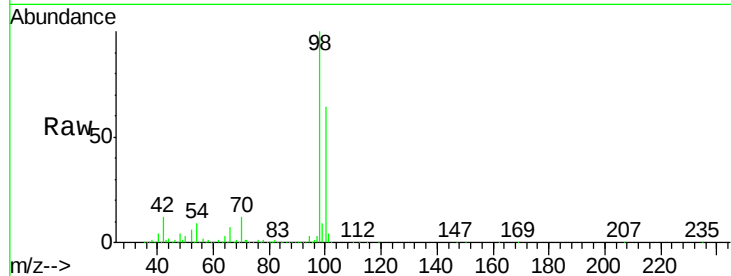
P026-SS009-0002-01

Tot Ion: 98 Resp: 442875

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 35.687 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010380.D

Acq: 11 May 2019 14:44

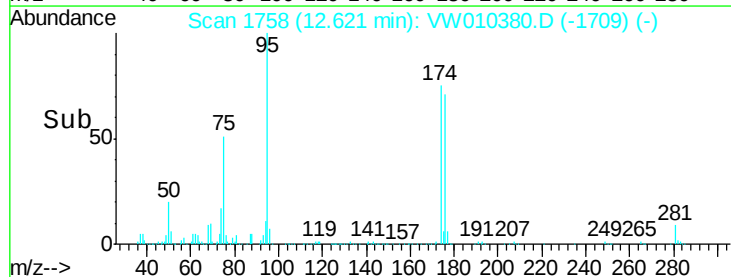
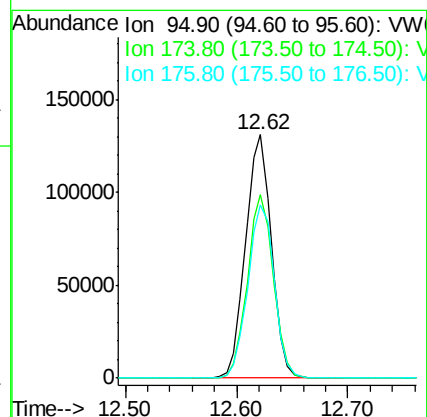
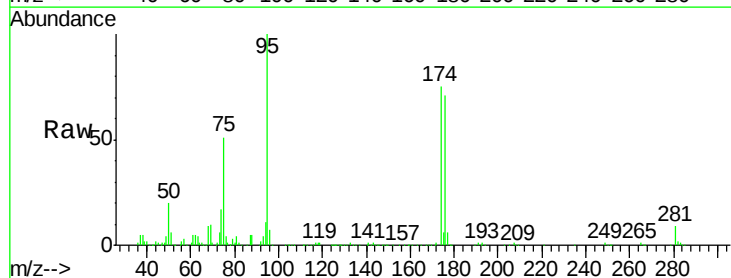
Tgt Ion: 95 Resp: 210624

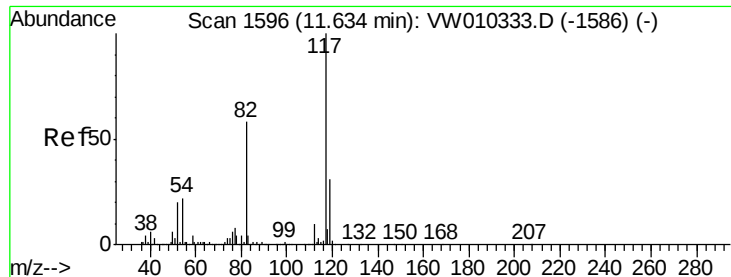
Ion Ratio Lower Upper

95 100

174 75.8 0.0 151.4

176 73.0 0.0 146.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010380.D

Acq: 11 May 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

P026-SS009-0002-01

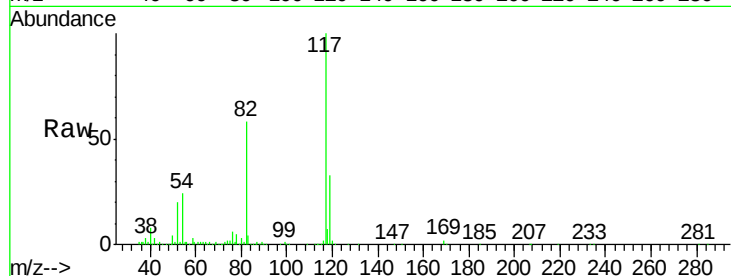
Tot Ion:117 Resp: 493472

Ion Ratio Lower Upper

117 100

82 58.1 45.2 67.8

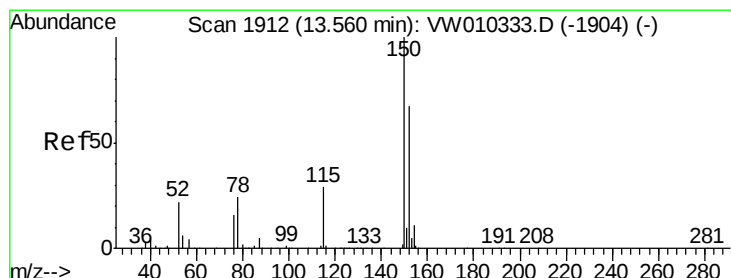
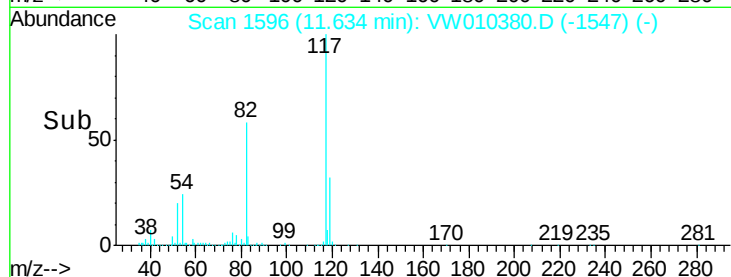
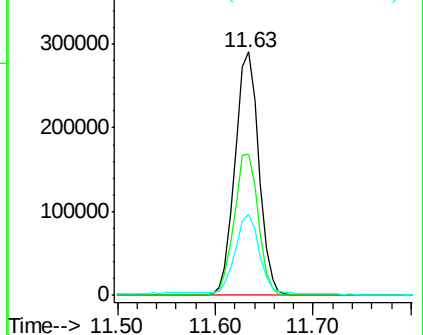
119 32.8 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010380.D

Acq: 11 May 2019 14:44

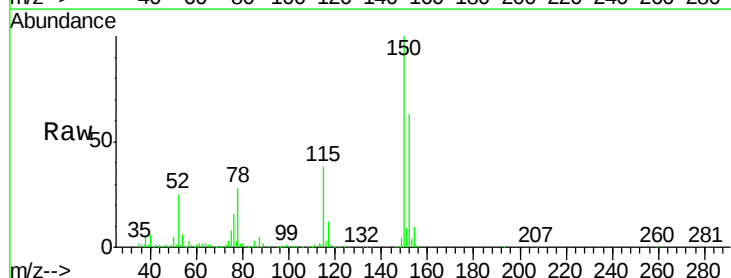
Tgt Ion:152 Resp: 156821

Ion Ratio Lower Upper

152 100

115 60.2 30.4 91.2

150 158.6 0.0 347.0



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

