

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010386.D
 Acq On : 11 May 2019 17:34
 Operator : SY/VA
 Sample : K2719-15
 Misc : 3.32G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS010-0612-01

Quant Time: May 12 01:01:37 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

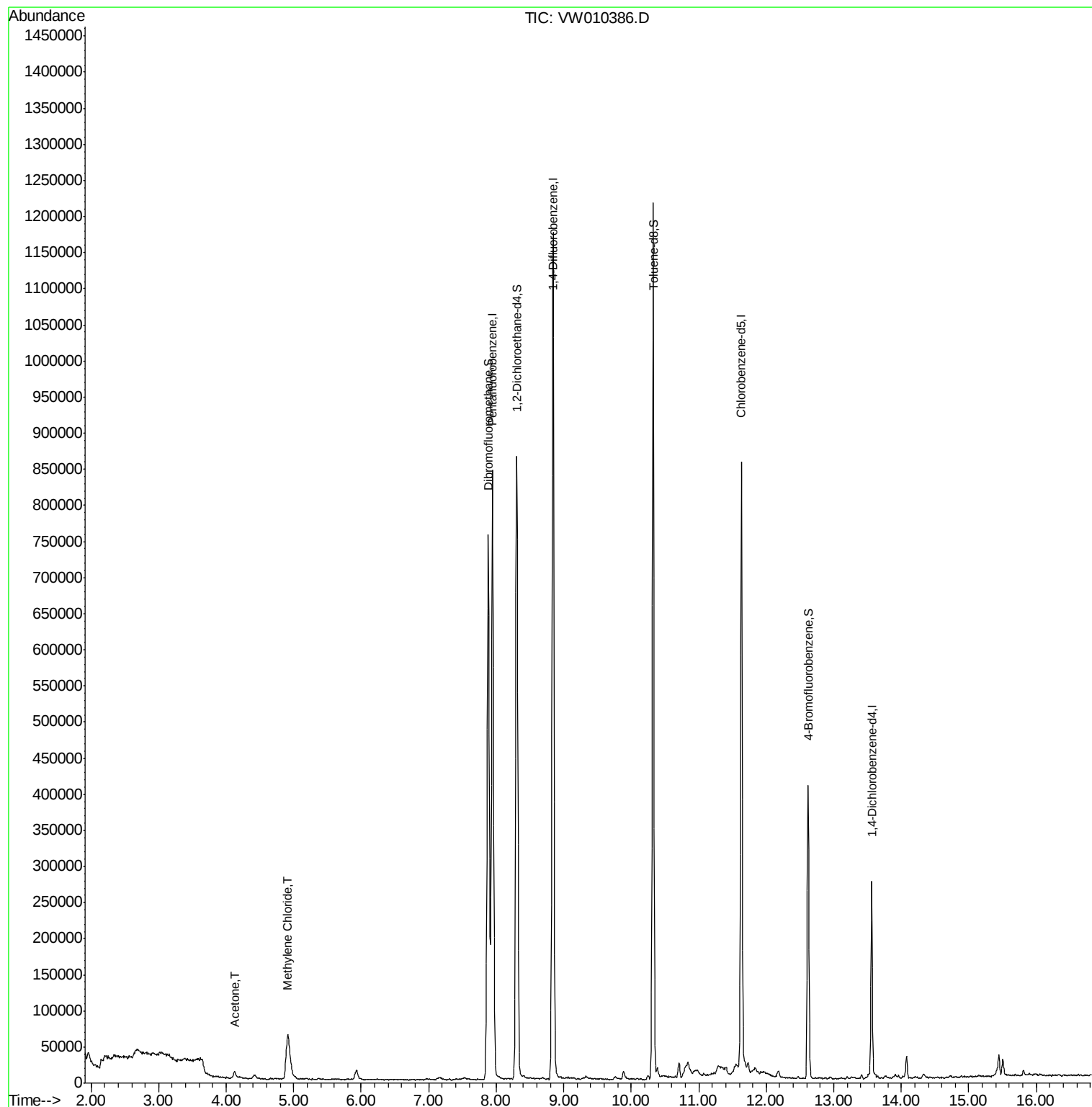
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	597378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	946807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	461374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	675507	106.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	212.72%	
35) Dibromofluoromethane	7.88	113	544222	98.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	196.44%	
50) Toluene-d8	10.32	98	769074	34.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.18%	
62) 4-Bromofluorobenzene	12.62	95	127268	16.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	32.06%	
Target Compounds						
16) Acetone	4.13	43	18431	11.132	ug/l	95
20) Methylene Chloride	4.91	84	61528	8.910	ug/l	93

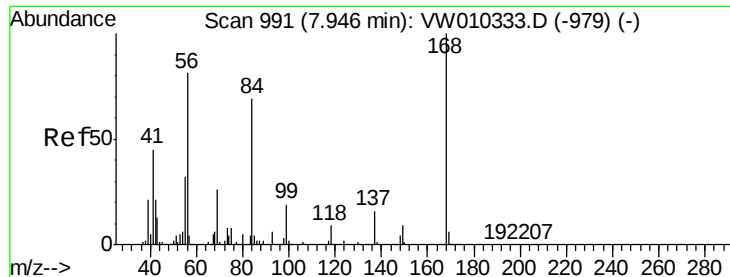
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010386.D

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MSVOA_W

ClientSampleId :

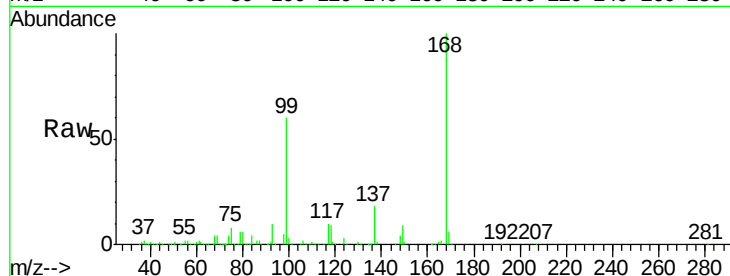
P026-SS010-0612-01

Tot Ion:168 Resp: 597378

Ion Ratio Lower Upper

168 100

99 59.6 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

300000

250000

200000

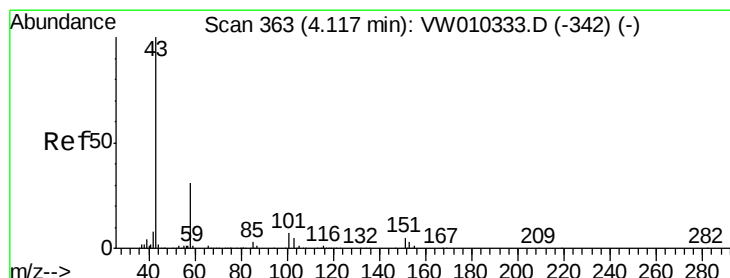
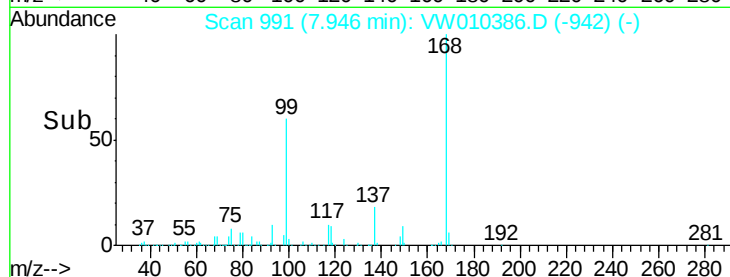
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.132 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010386.D

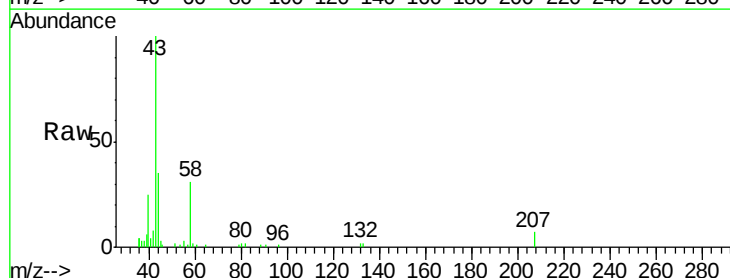
Acq: 11 May 2019 17:34

Tgt Ion: 43 Resp: 18431

Ion Ratio Lower Upper

43 100

58 30.9 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

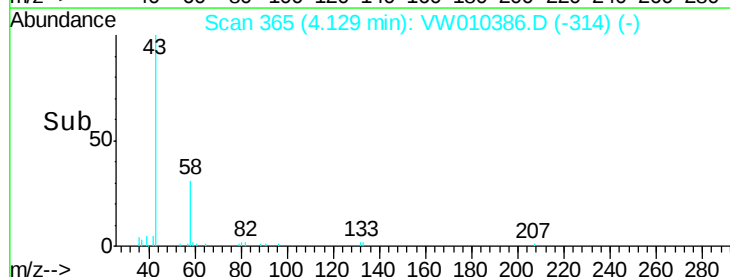
6000

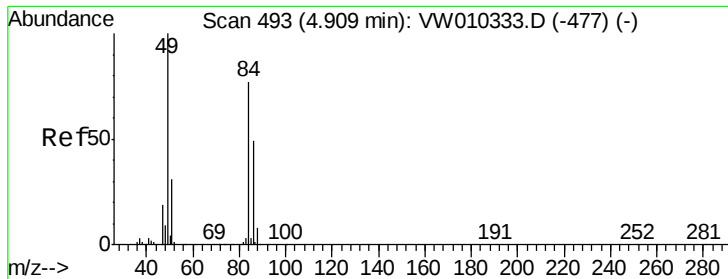
4000

2000

0

Time-->

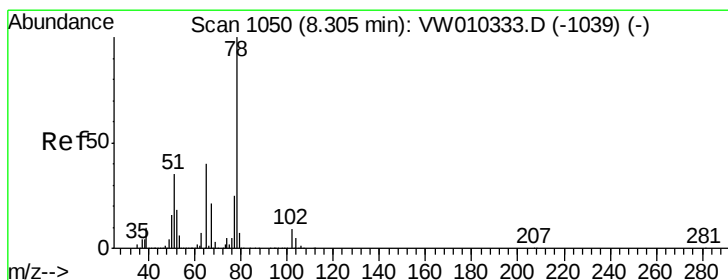
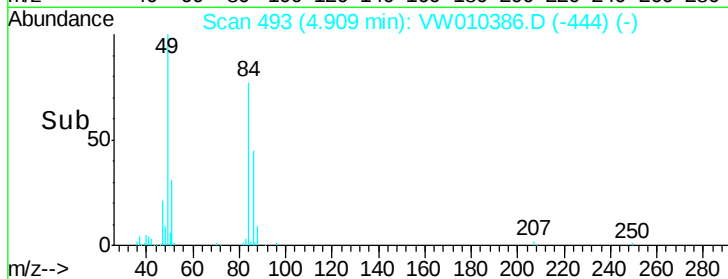
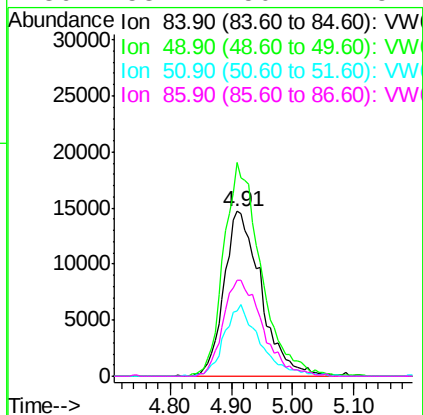
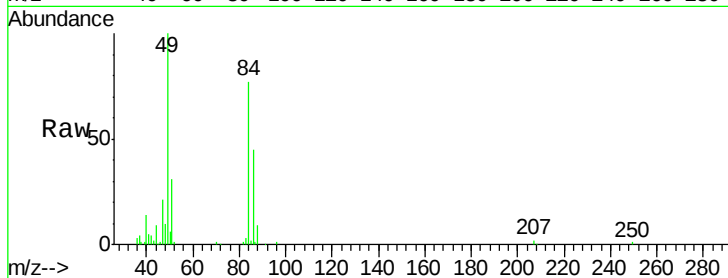




#20
Methylene Chloride
Concen: 8.910 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010386.D
Acq: 11 May 2019 17:34

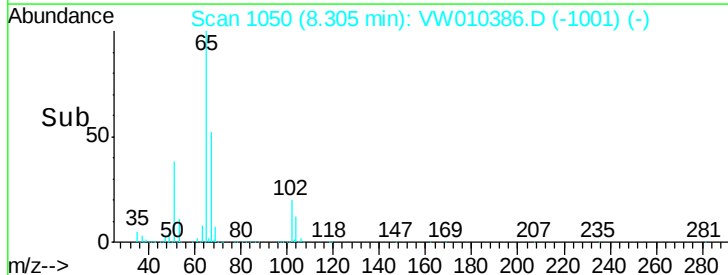
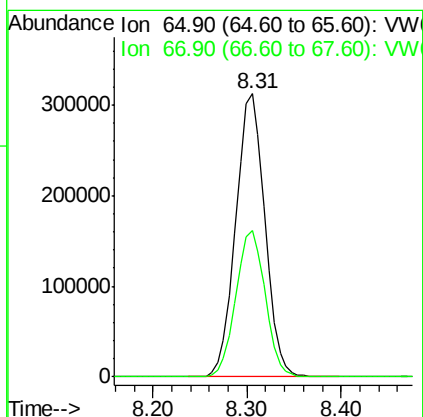
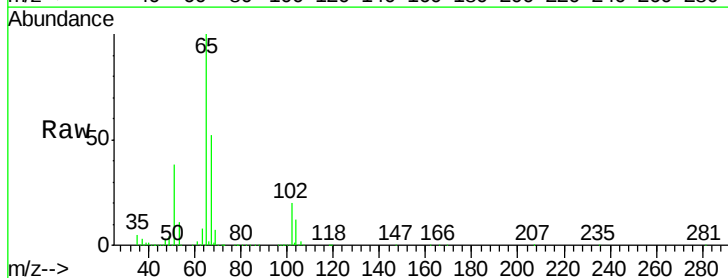
Instrument :
MSVOA_W
ClientSampleId :
P026-SS010-0612-01

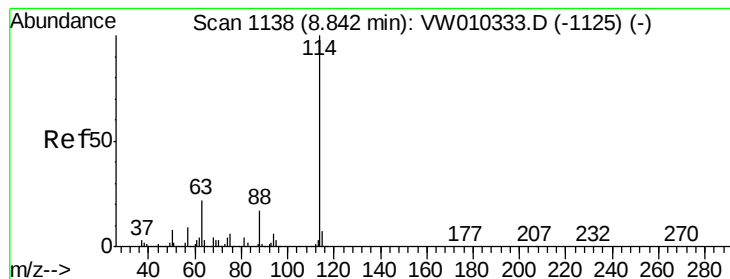
Tot Ion:	84	Resp:	61528
Ion	Ratio	Lower	Upper
84	100		
49	129.6	112.3	168.5
51	39.8	33.9	50.9
86	58.2	50.2	75.4



#33
1,2-Dichloroethane-d4
Concen: 106.363 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010386.D
Acq: 11 May 2019 17:34

Tgt Ion:	65	Resp:	675507
Ion	Ratio	Lower	Upper
65	100		
67	52.0	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: VW010386.D

Acq: 11 May 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

P026-SS010-0612-01

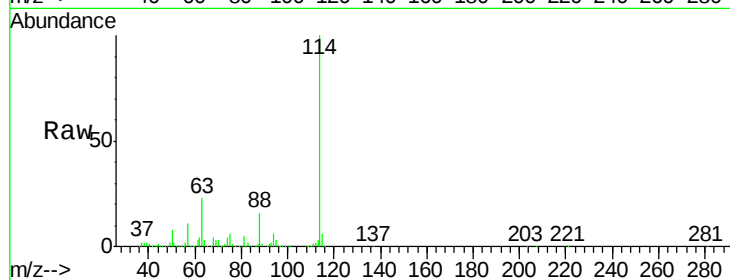
Tot Ion:114 Resp: 946807

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.2

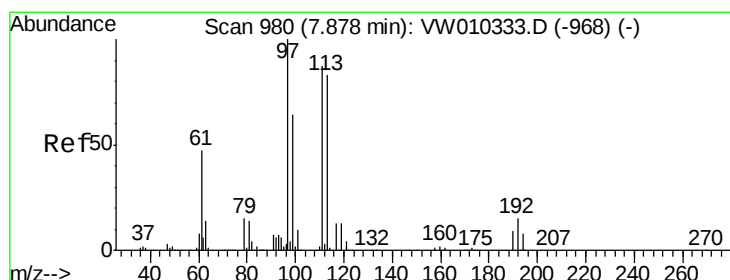
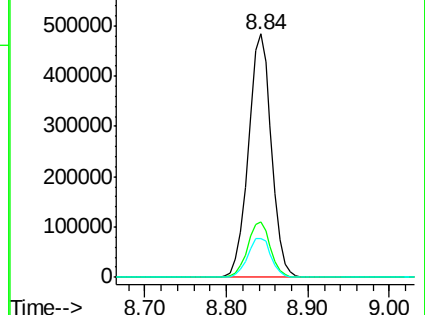
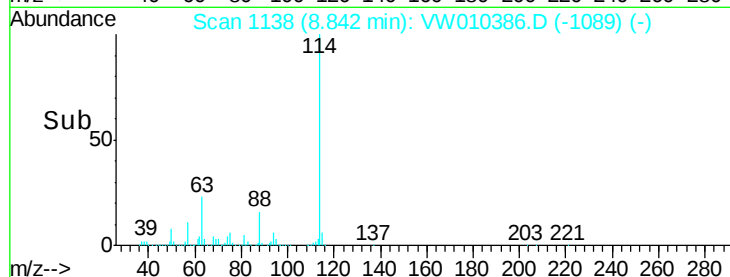
88 16.2 0.0 32.6



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: 98.224 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010386.D

Acq: 11 May 2019 17:34

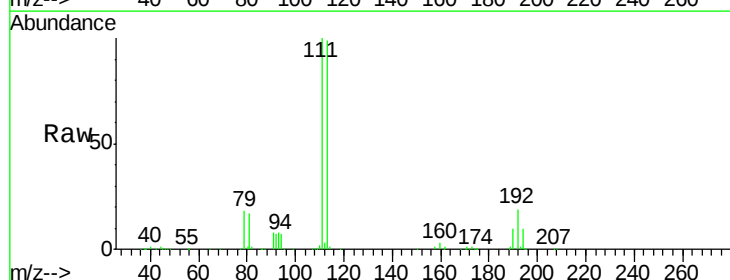
Tgt Ion:113 Resp: 544222

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

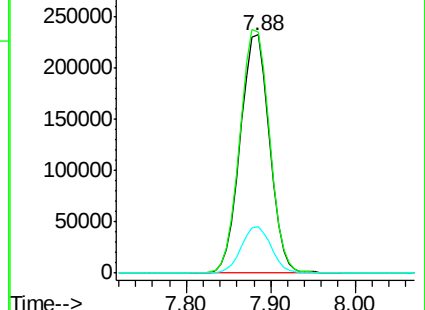
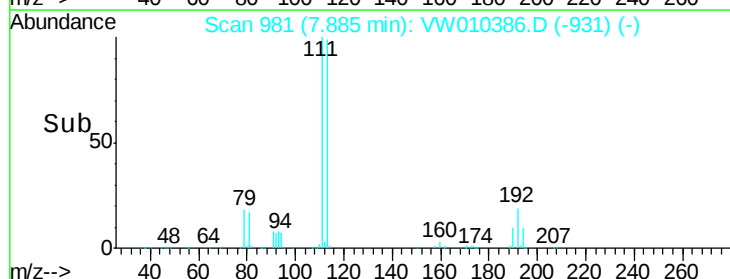
192 19.7 15.4 23.2

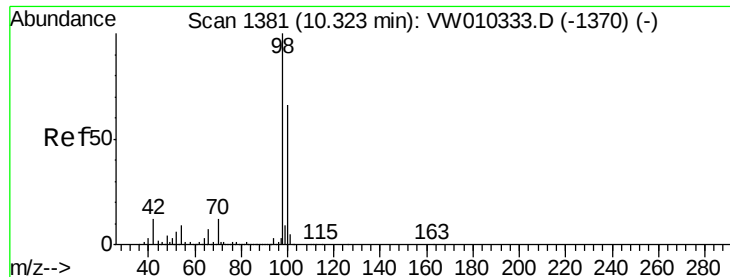


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 34.088 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010386.D

Acq: 11 May 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

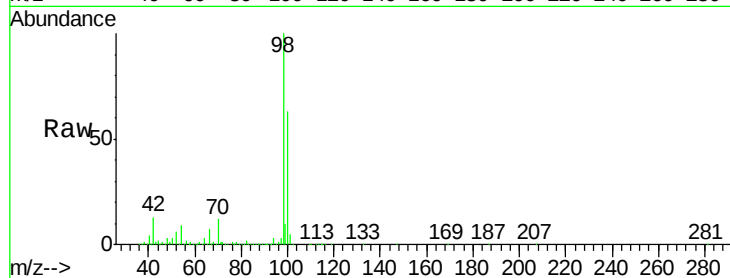
P026-SS010-0612-01

Tot Ion: 98 Resp: 769074

Ion Ratio Lower Upper

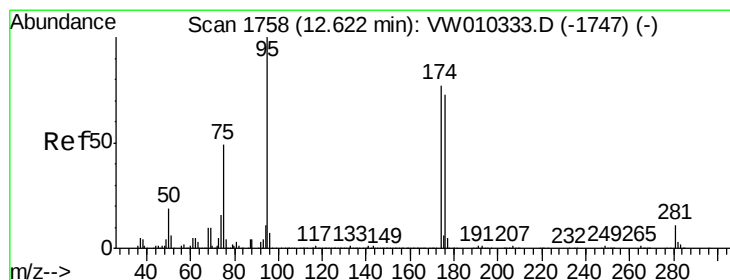
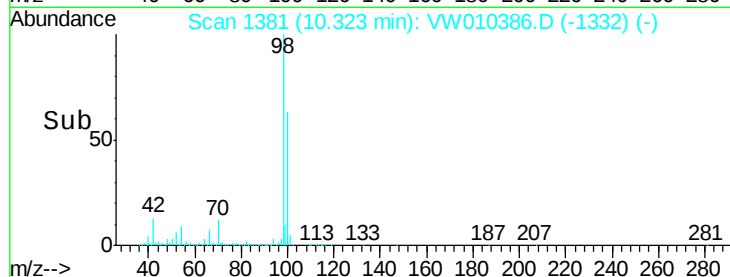
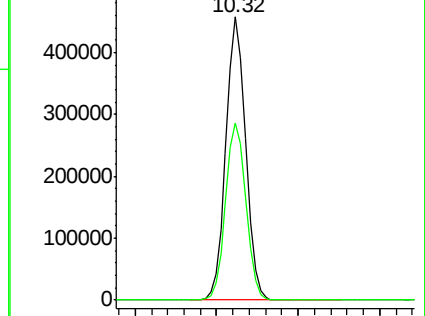
98 100

100 64.3 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: 16.025 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010386.D

Acq: 11 May 2019 17:34

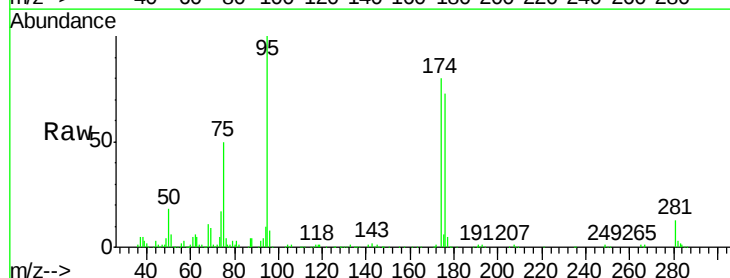
Tgt Ion: 95 Resp: 127268

Ion Ratio Lower Upper

95 100

174 77.5 0.0 151.4

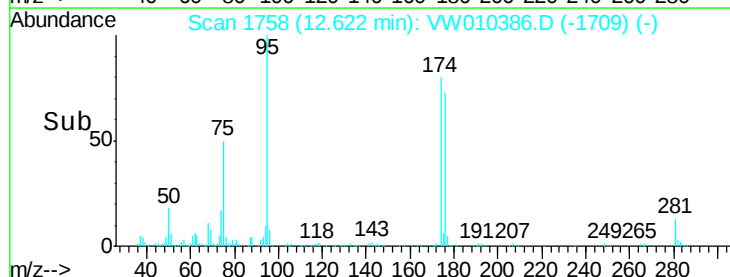
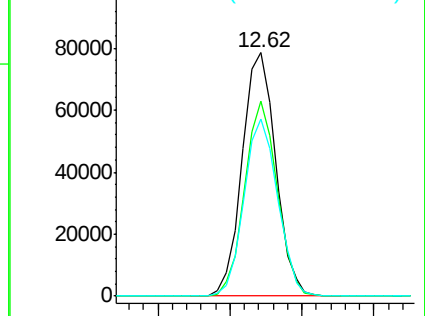
176 72.8 0.0 146.2

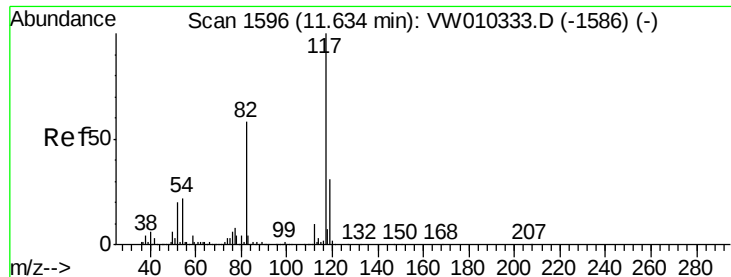


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010386.D

Acq: 11 May 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

P026-SS010-0612-01

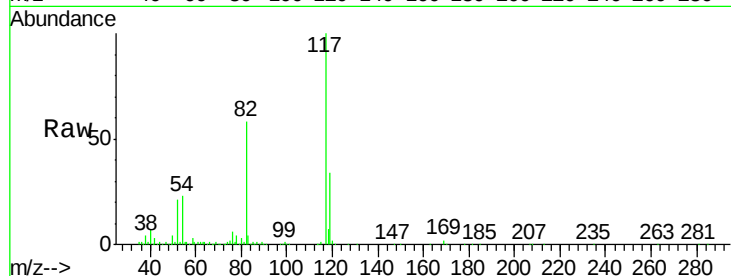
Tot Ion:117 Resp: 461374

Ion Ratio Lower Upper

117 100

82 58.4 45.2 67.8

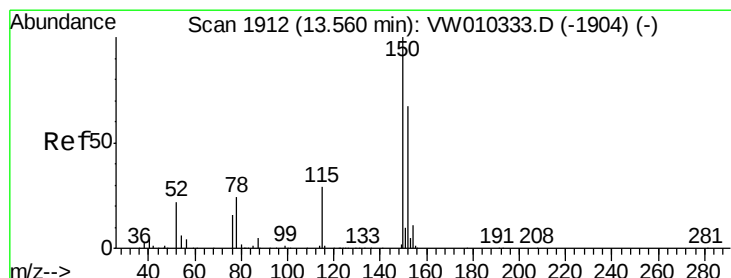
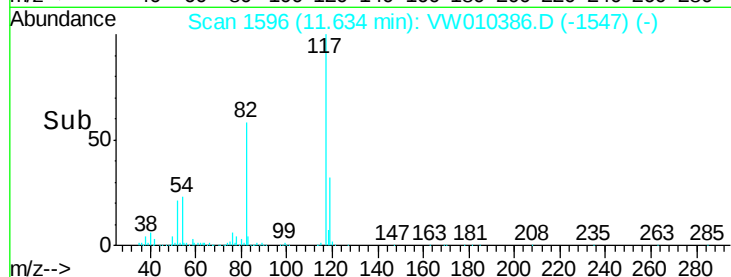
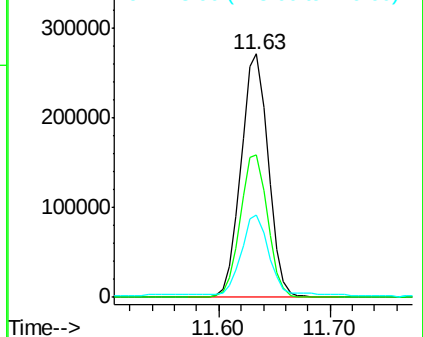
119 32.6 25.4 38.2



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: VW010386.D

Acq: 11 May 2019 17:34

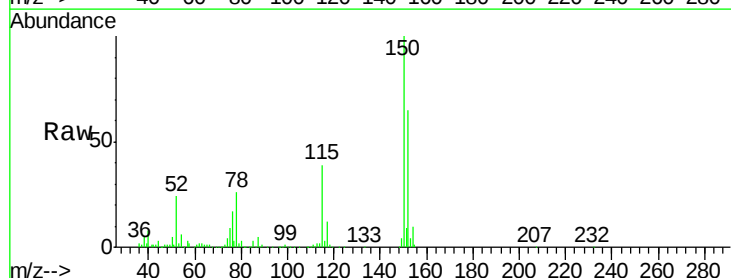
Tgt Ion:152 Resp: 68275

Ion Ratio Lower Upper

152 100

115 58.9 30.4 91.2

150 156.5 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

