

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW051019\
 Data File : VW010360.D
 Acq On : 10 May 2019 17:05
 Operator : SY/VA
 Sample : K2717-18
 Misc : 4.07G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS003-1824-01

Quant Time: May 14 15:07:41 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

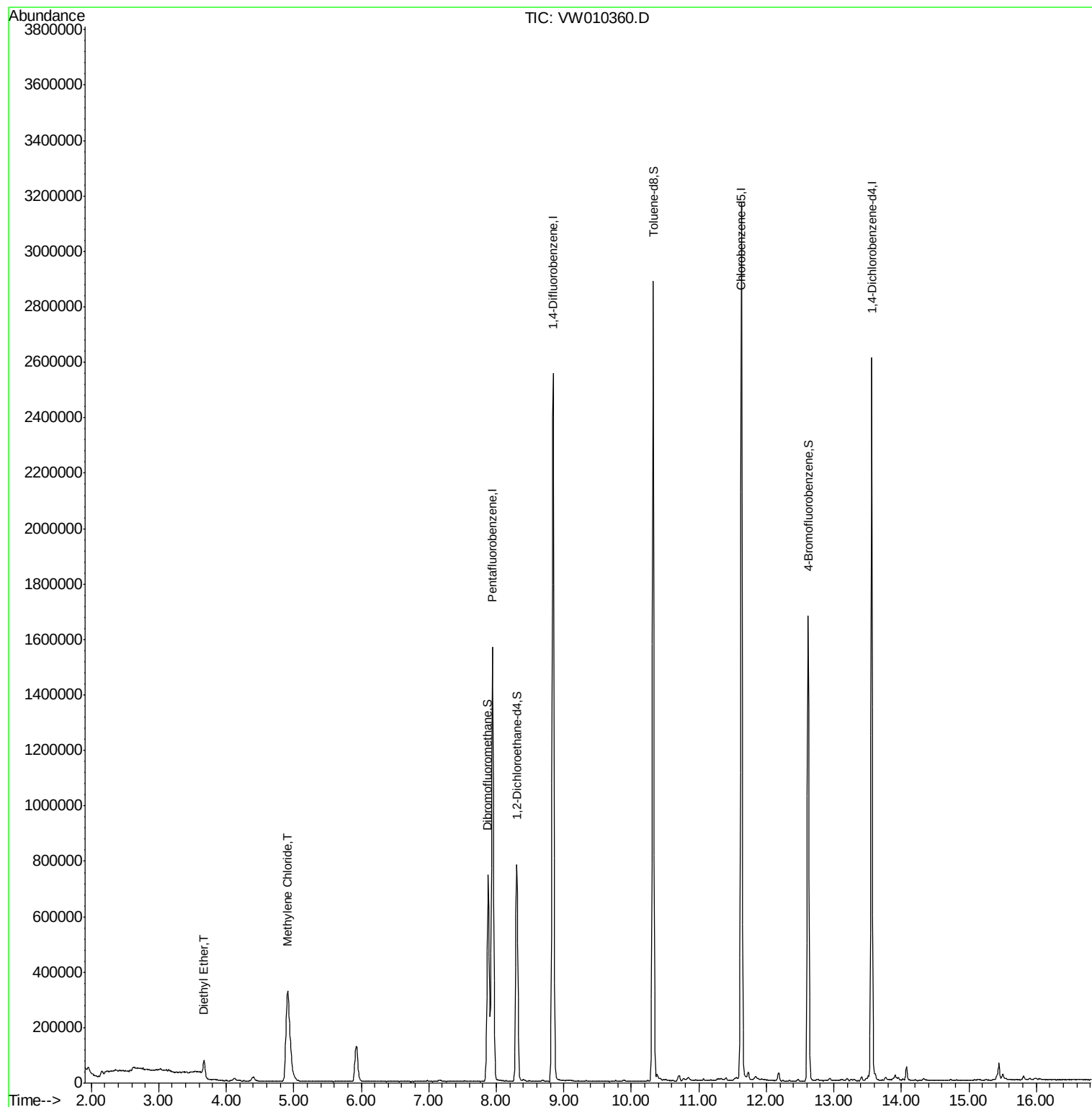
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1133059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2066349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1709124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	637975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	619830	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
35) Dibromofluoromethane	7.88	113	533785	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
50) Toluene-d8	10.32	98	1839094	37.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.70%	
62) 4-Bromofluorobenzene	12.62	95	543149	31.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.68%	
Target Compounds						
8) Diethyl Ether	3.68	74	35427	5.585	ug/l	95
20) Methylene Chloride	4.91	84	328986	25.117	ug/l	97

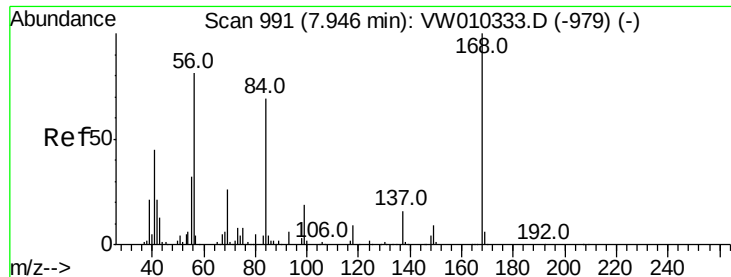
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010360.D

Acq: 10 May 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

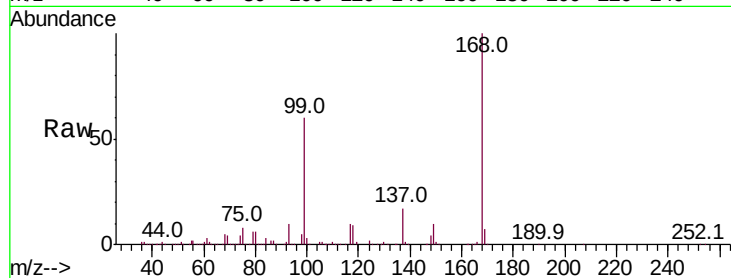
P026-SS003-1824-01

Tot Ion:168 Resp: 1133059

Ion Ratio Lower Upper

168 100

99 60.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

600000

500000

400000

300000

200000

100000

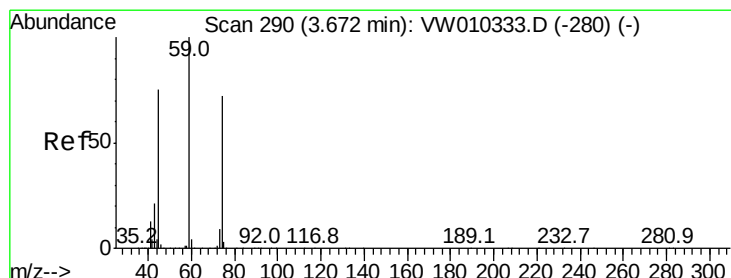
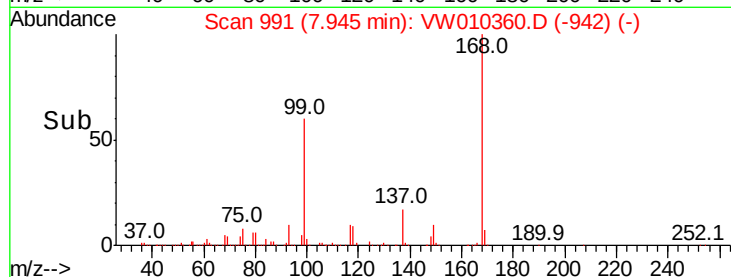
0

7.80

7.90

8.00

Time-->



#8

Diethyl Ether

Concen: 5.585 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VW010360.D

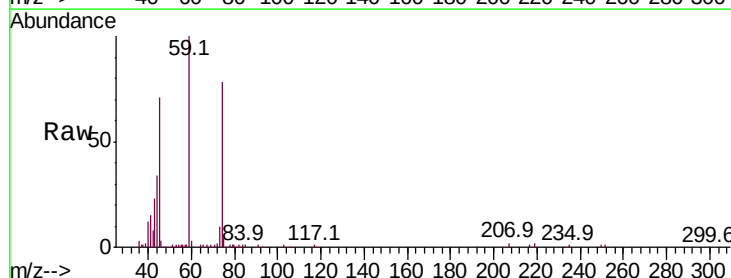
Acq: 10 May 2019 17:05

Tgt Ion: 74 Resp: 35427

Ion Ratio Lower Upper

74 100

45 106.7 56.0 168.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

15000

10000

5000

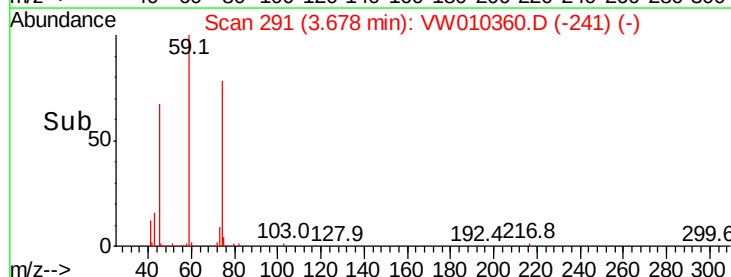
0

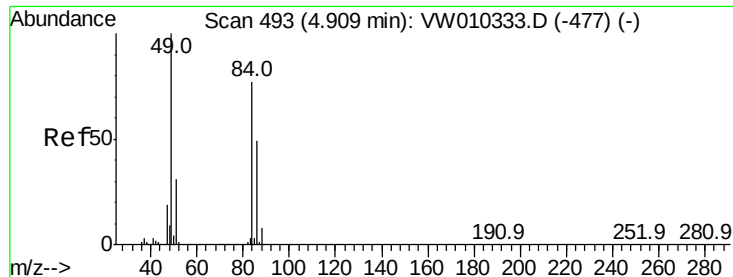
3.60

3.70

3.80

Time-->





#20

Methylene Chloride

Concen: 25.117 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW010360.D

Acq: 10 May 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

P026-SS003-1824-01

Tot Ion: 84 Resp: 328986

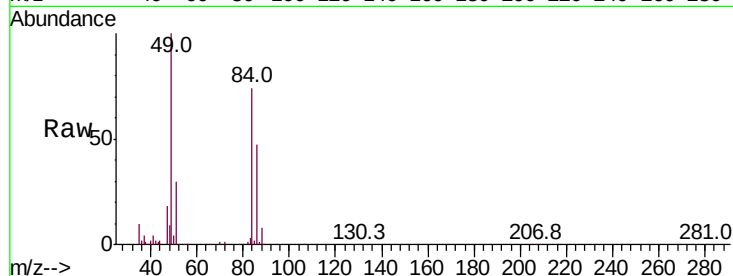
Ion Ratio Lower Upper

84 100

49 135.2 112.3 168.5

51 40.4 33.9 50.9

86 64.3 50.2 75.4



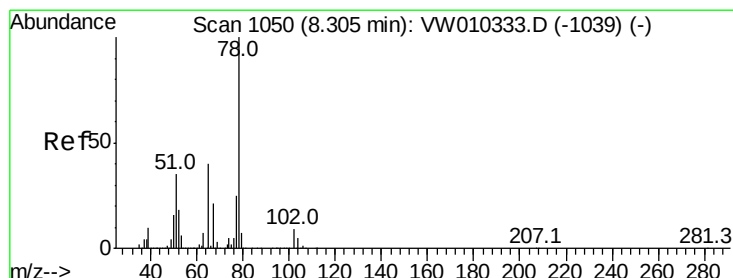
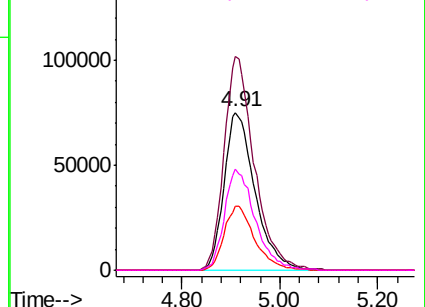
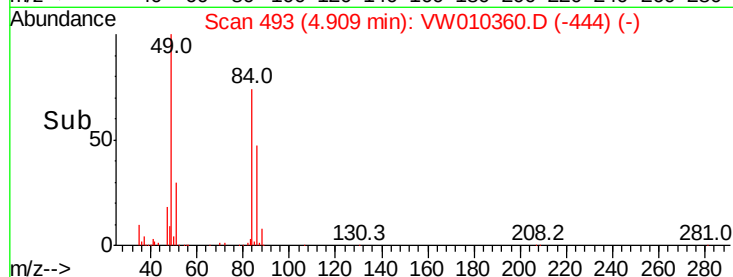
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 51.456 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010360.D

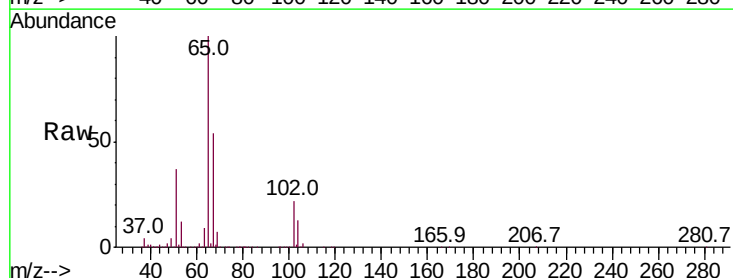
Acq: 10 May 2019 17:05

Tgt Ion: 65 Resp: 619830

Ion Ratio Lower Upper

65 100

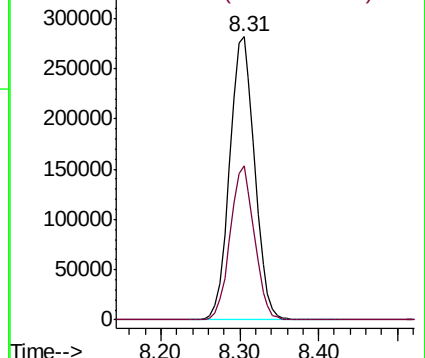
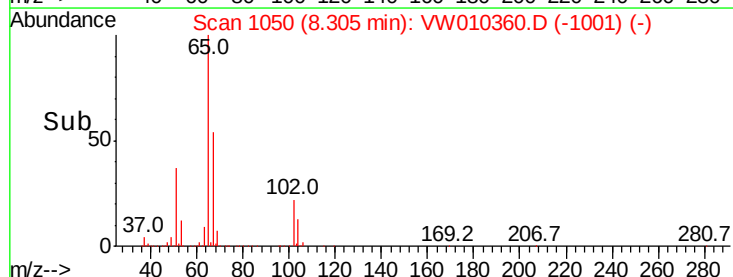
67 52.9 0.0 100.8

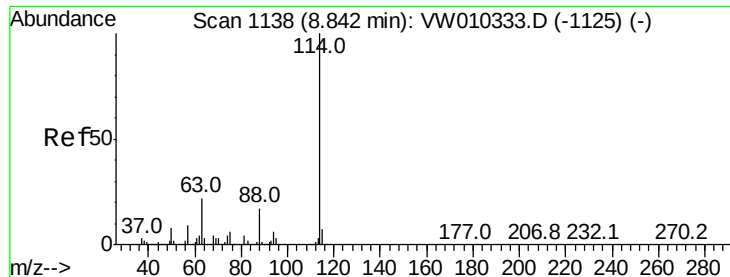


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

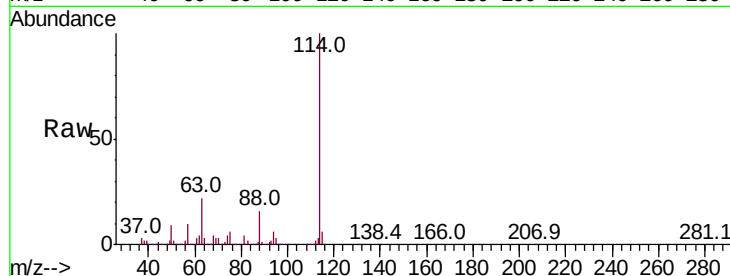




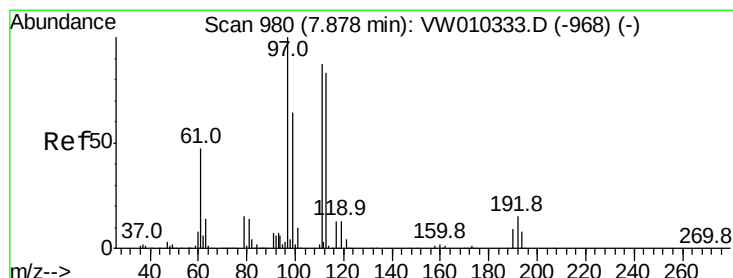
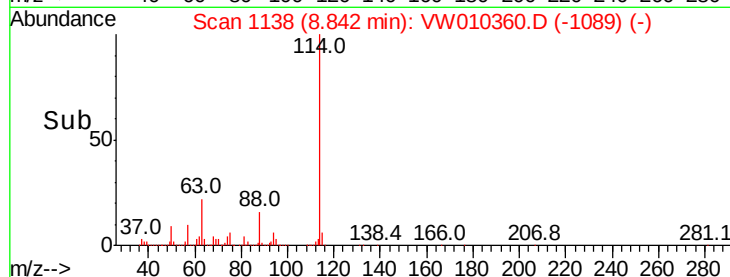
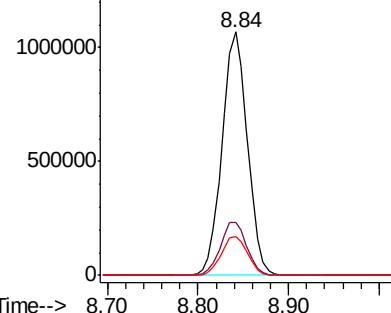
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010360.D
 Acq: 10 May 2019 17:05

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS003-1824-01

Tot Ion:114 Resp: 2066349
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 46.2
 88 16.1 0.0 32.6

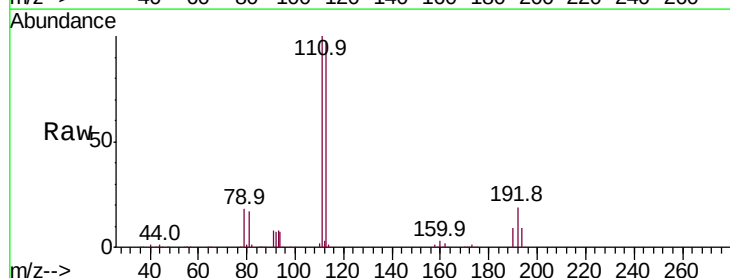


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

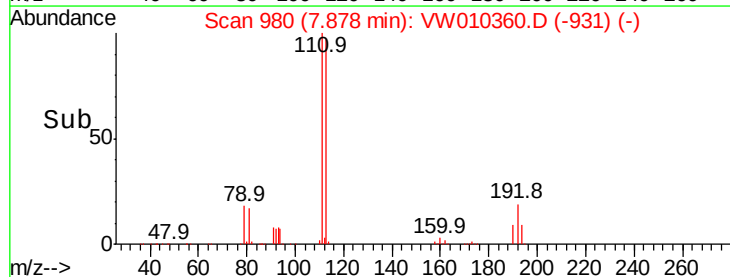
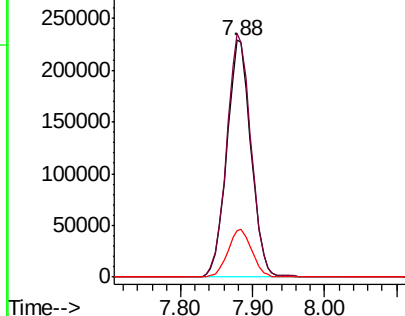


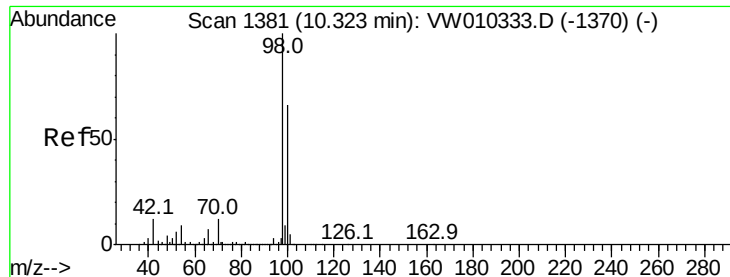
#35
 Dibromofluoromethane
 Concen: 44.144 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010360.D
 Acq: 10 May 2019 17:05

Tgt Ion:113 Resp: 533785
 Ion Ratio Lower Upper
 113 100
 111 103.5 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: 37.350 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010360.D

Acq: 10 May 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

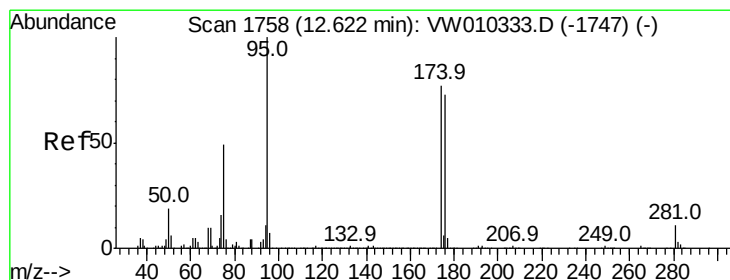
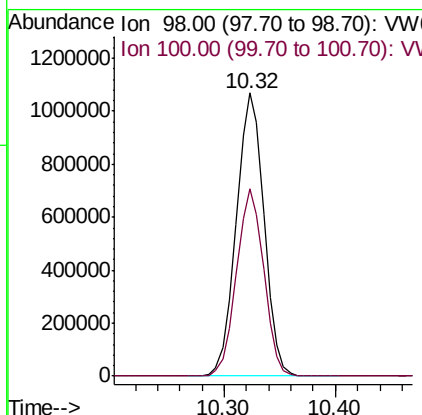
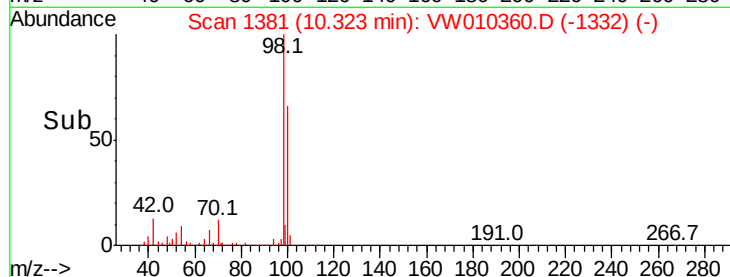
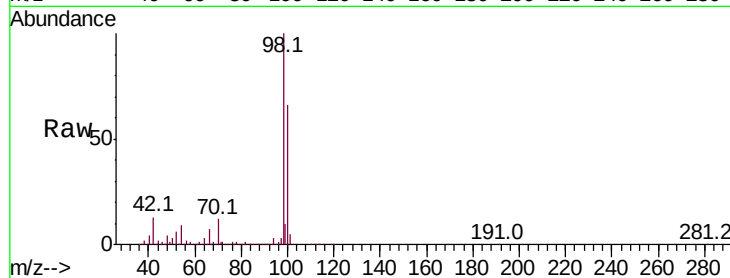
P026-SS003-1824-01

Tot Ion: 98 Resp: 1839094

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 31.337 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010360.D

Acq: 10 May 2019 17:05

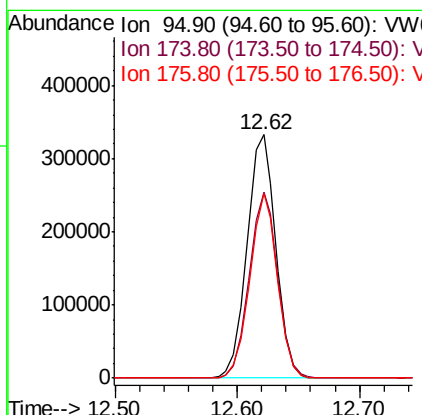
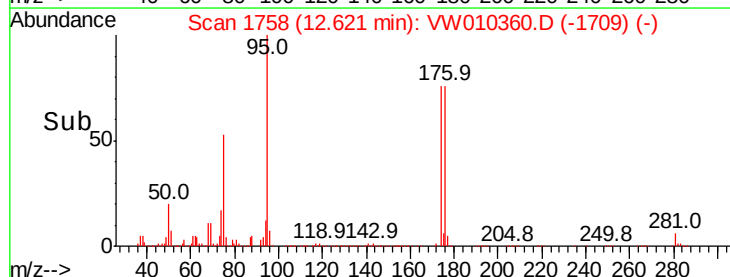
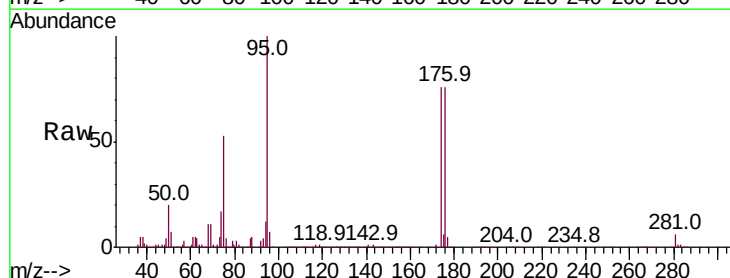
Tgt Ion: 95 Resp: 543149

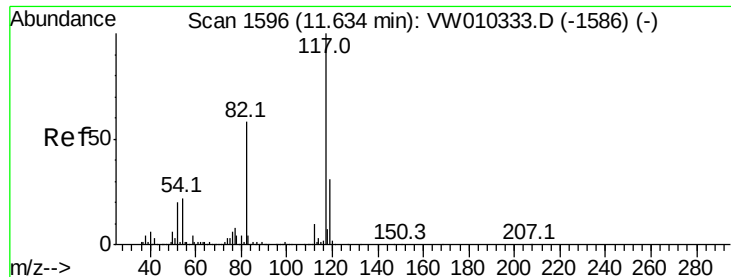
Ion Ratio Lower Upper

95 100

174 76.2 0.0 151.4

176 73.1 0.0 146.2

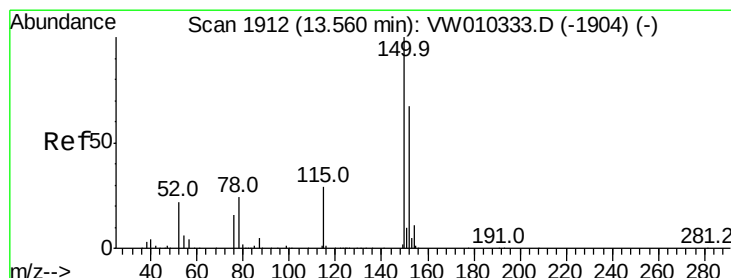
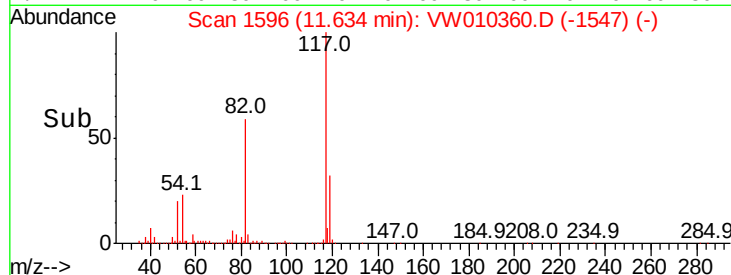
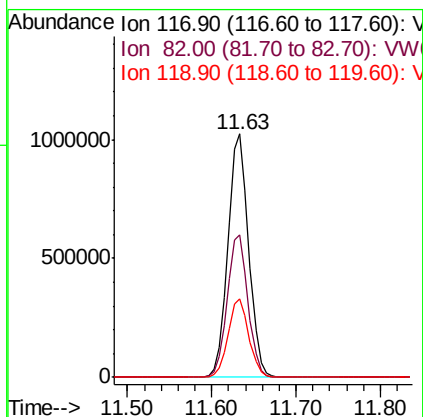
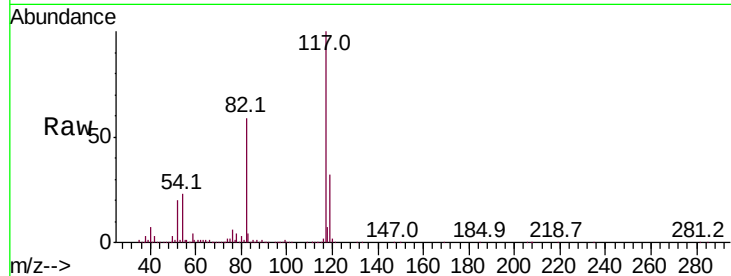




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010360.D
Acq: 10 May 2019 17:05

Instrument :
MSVOA_W
ClientSampleId :
P026-SS003-1824-01

Tot Ion:117 Resp: 1709124
Ion Ratio Lower Upper
117 100
82 58.6 45.2 67.8
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010360.D
Acq: 10 May 2019 17:05

Tgt Ion:152 Resp: 637975
Ion Ratio Lower Upper
152 100
115 60.4 30.4 91.2
150 157.8 0.0 347.0

