

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012119\
 Data File : VW008376.D
 Acq On : 21 Jan 2019 15:40
 Operator : SY/VA
 Sample : K1009-01
 Misc : 7.08G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-011819-A

Quant Time: Jan 22 04:22:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

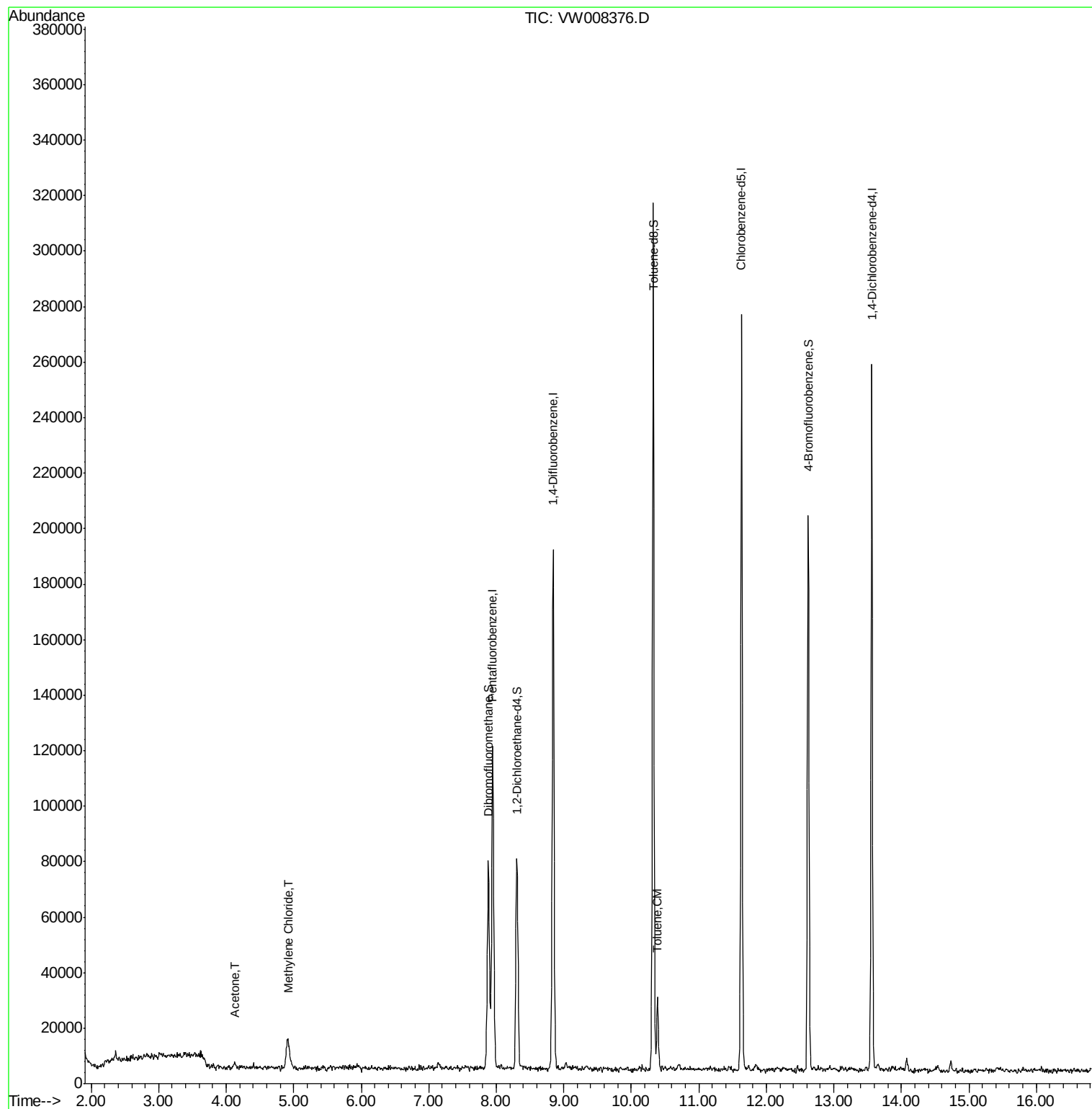
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	80803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	152417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	144323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	57563	68.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.96%	
35) Dibromofluoromethane	7.88	113	51530	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
50) Toluene-d8	10.32	98	201219	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.62	95	64408	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
Target Compounds						
16) Acetone	4.12	43	3429	17.566	ug/l	97
20) Methylene Chloride	4.92	84	9546	7.525	ug/l	93
52) Toluene	10.38	92	11248	4.092	ug/l	100

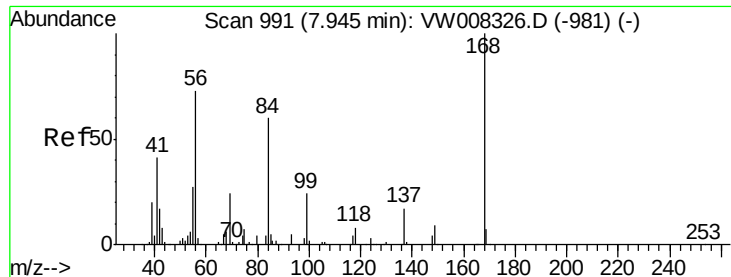
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008376.D

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MSVOA_W

ClientSampleId :

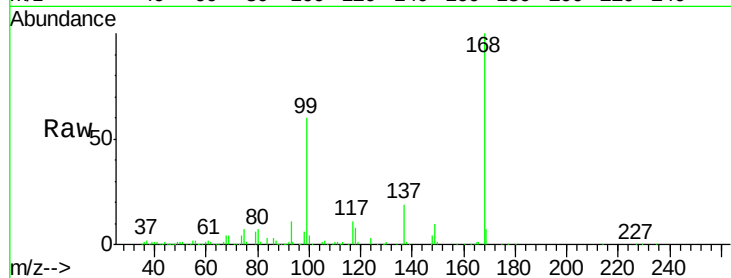
CL-01-011819-A

Tot Ion:168 Resp: 80803

Ion Ratio Lower Upper

168 100

99 59.9 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

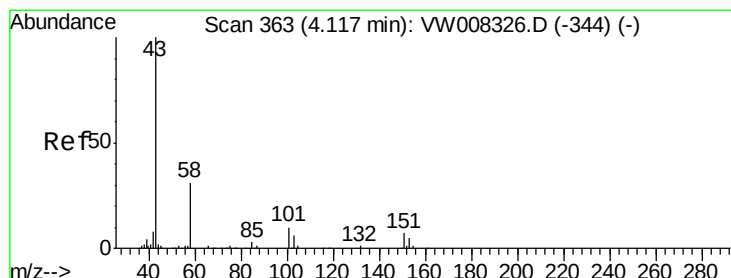
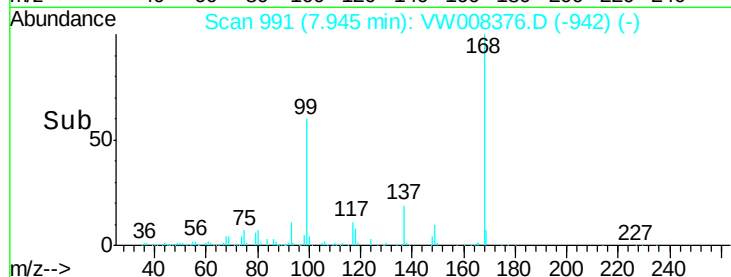
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 17.566 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008376.D

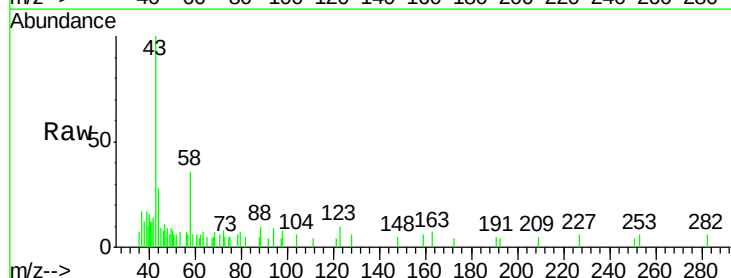
Acq: 21 Jan 2019 15:40

Tgt Ion: 43 Resp: 3429

Ion Ratio Lower Upper

43 100

58 32.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

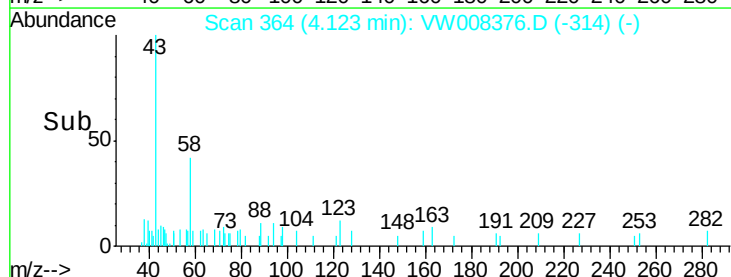
1000

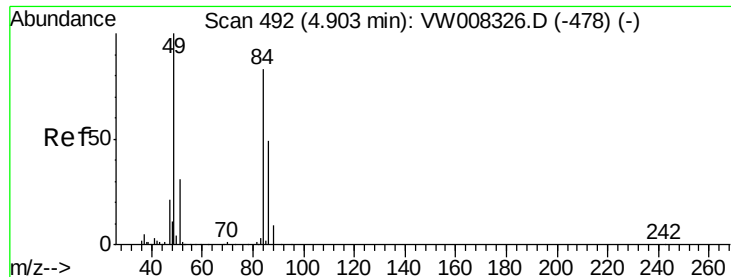
500

0

4.00 4.05 4.10 4.15 4.20

Time-->

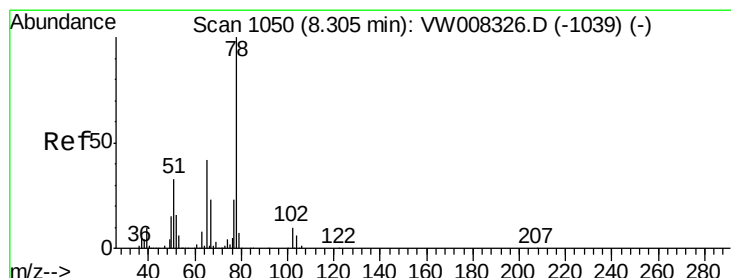
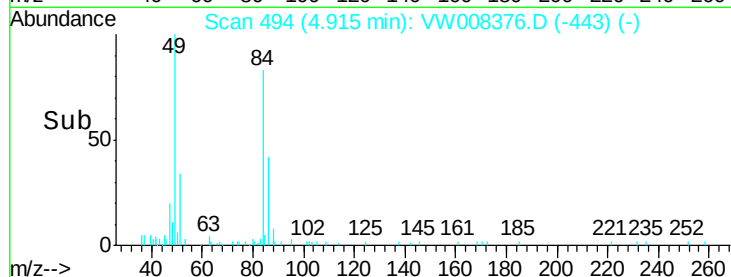
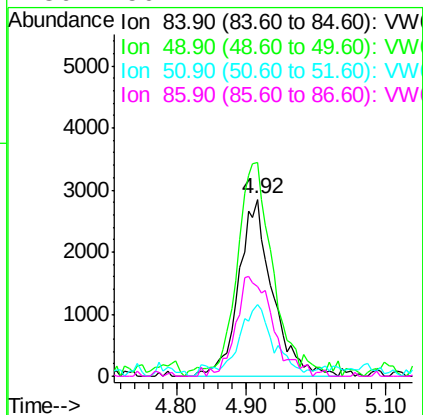
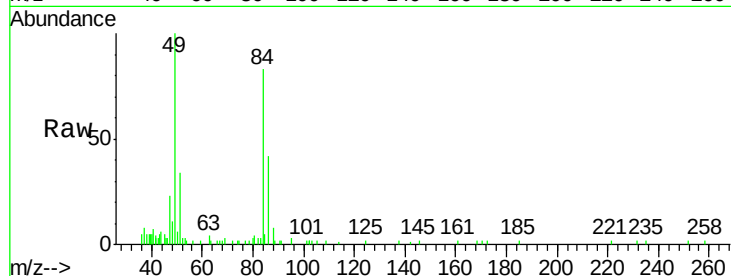




#20
Methylene Chloride
Concen: 7.525 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008376.D
Acq: 21 Jan 2019 15:40

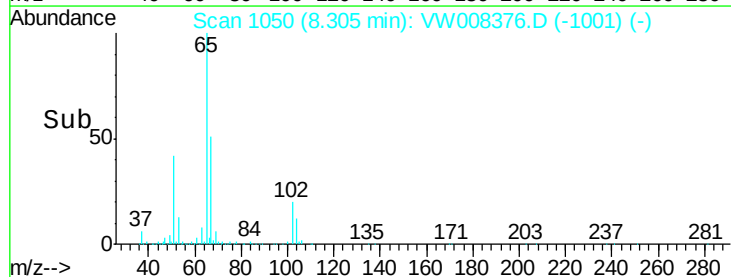
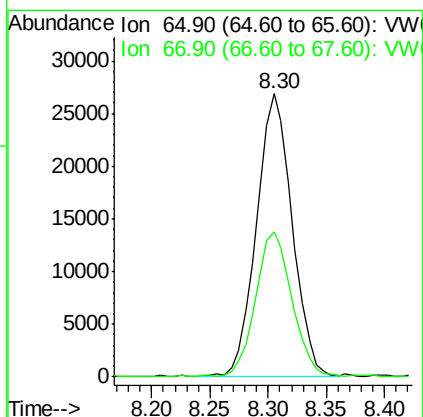
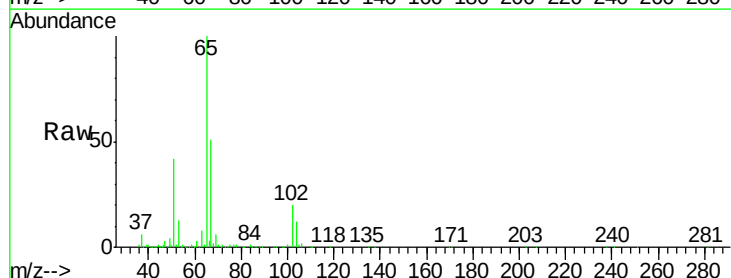
Instrument :
MSVOA_W
ClientSampleId :
CL-01-011819-A

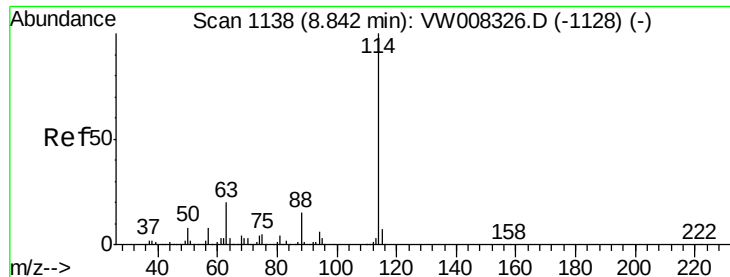
Tot Ion: 84 Resp: 9546
Ion Ratio Lower Upper
84 100
49 114.8 95.9 143.9
51 40.6 29.3 43.9
86 50.7 47.4 71.2



#33
1,2-Dichloroethane-d4
Concen: 68.484 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008376.D
Acq: 21 Jan 2019 15:40

Tgt Ion: 65 Resp: 57563
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008376.D

Acq: 21 Jan 2019 15:40

Instrument :

MSVOA_W

ClientSampleId :

CL-01-011819-A

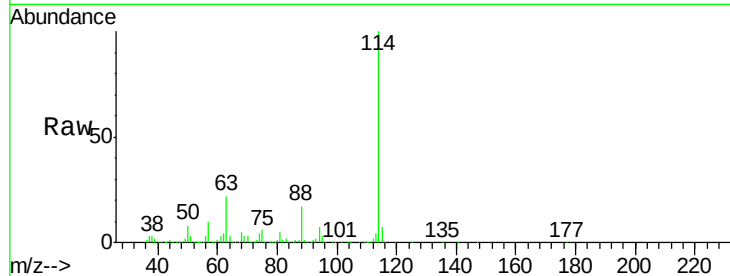
Tot Ion:114 Resp: 152417

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.8

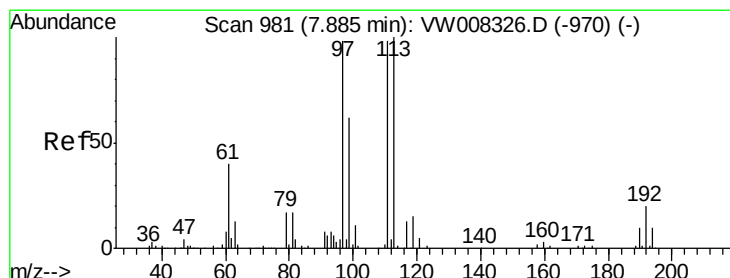
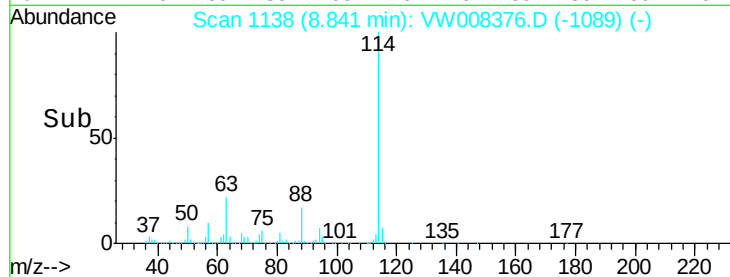
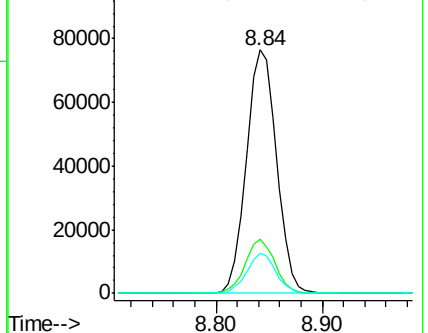
88 16.7 0.0 30.4



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: 52.964 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008376.D

Acq: 21 Jan 2019 15:40

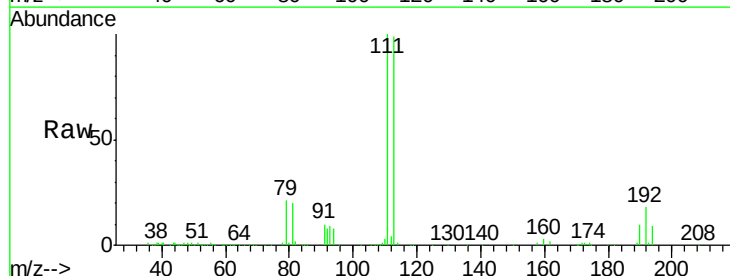
Tgt Ion:113 Resp: 51530

Ion Ratio Lower Upper

113 100

111 104.2 81.8 122.8

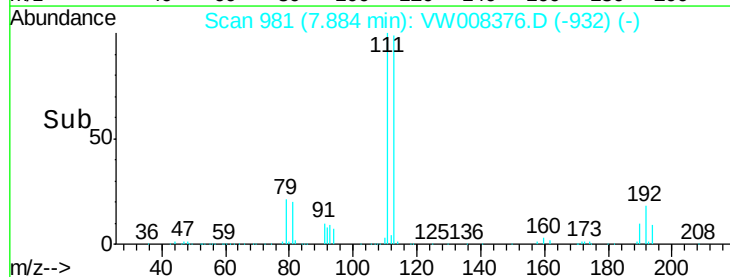
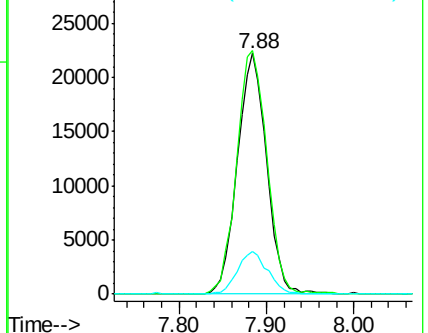
192 18.2 16.3 24.5

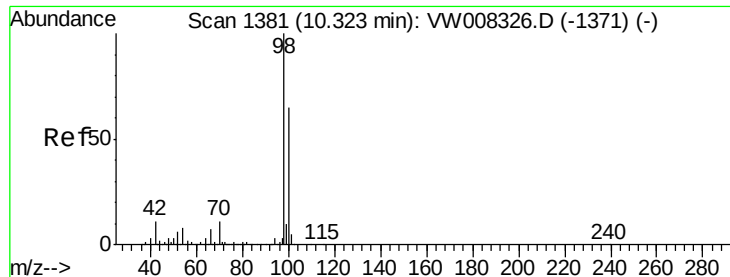


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

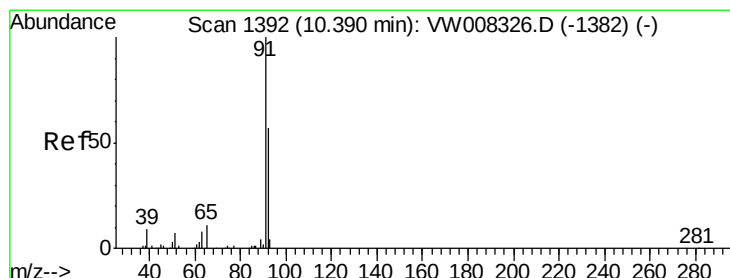
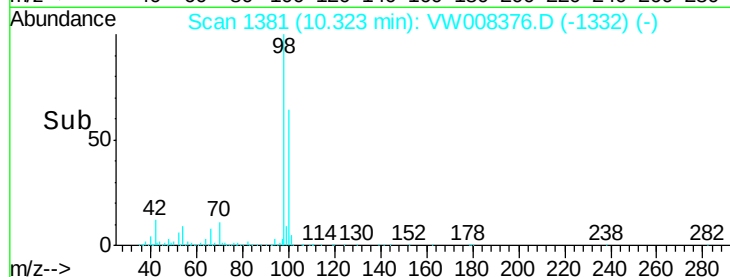
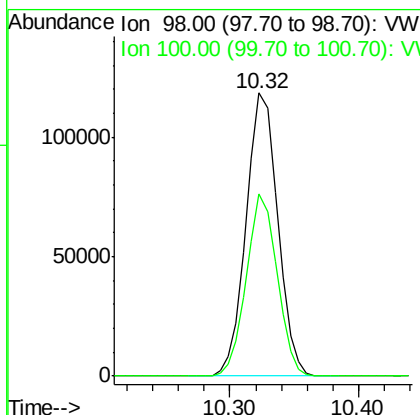
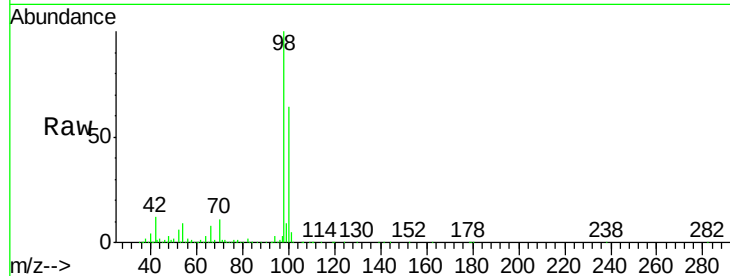




#50
Toluene-d8
Concen: 52.645 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008376.D
Acq: 21 Jan 2019 15:40

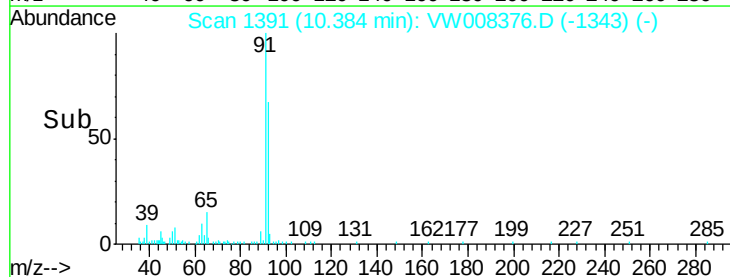
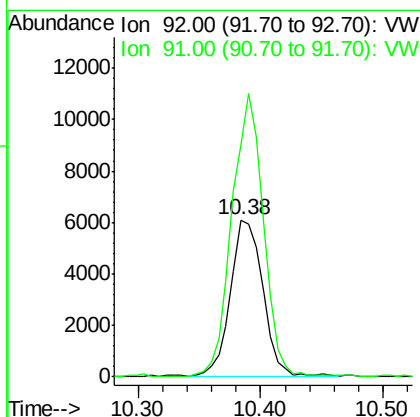
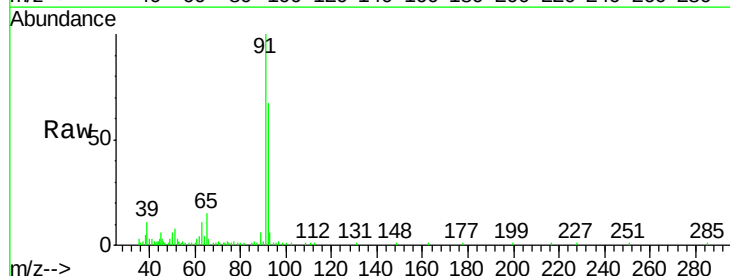
Instrument :
MSVOA_W
ClientSampleId :
CL-01-011819-A

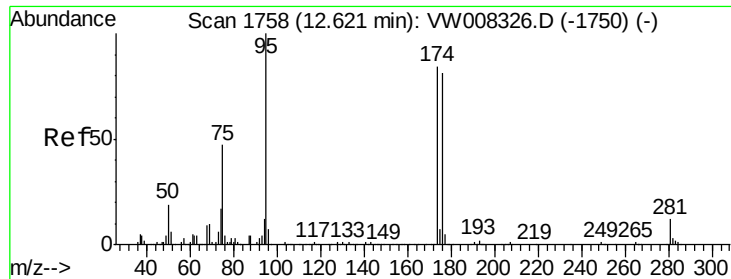
Tot Ion: 98 Resp: 201219
Ion Ratio Lower Upper
98 100
100 62.5 51.8 77.8



#52
Toluene
Concen: 4.092 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008376.D
Acq: 21 Jan 2019 15:40

Tgt Ion: 92 Resp: 11248
Ion Ratio Lower Upper
92 100
91 174.9 140.2 210.2





#62

4-Bromofluorobenzene

Concen: 46.985 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008376.D

Acq: 21 Jan 2019 15:40

Instrument :

MSVOA_W

ClientSampleId :

CL-01-011819-A

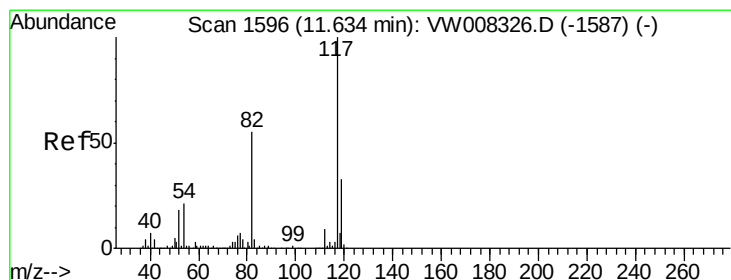
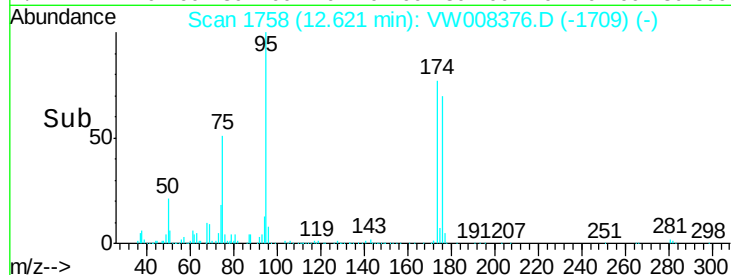
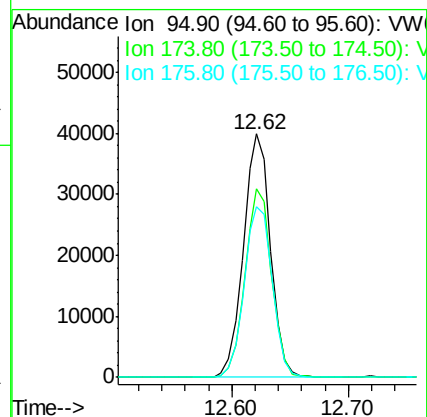
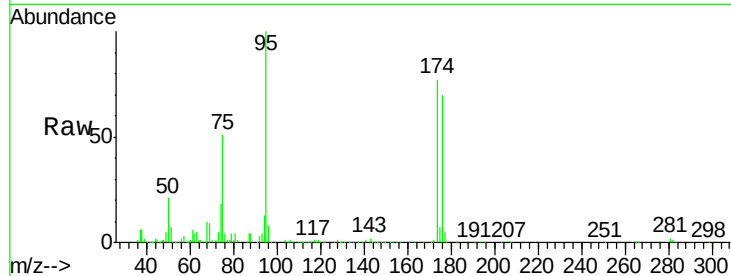
Tot Ion: 95 Resp: 64408

Ion Ratio Lower Upper

95 100

174 76.6 0.0 166.0

176 73.2 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008376.D

Acq: 21 Jan 2019 15:40

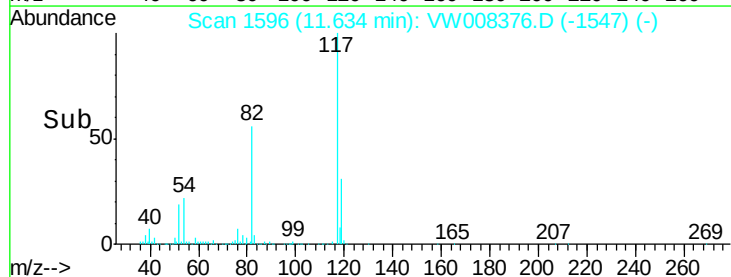
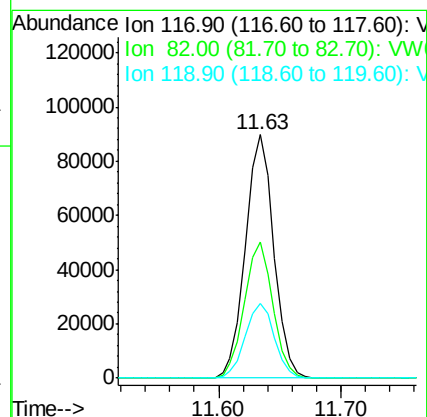
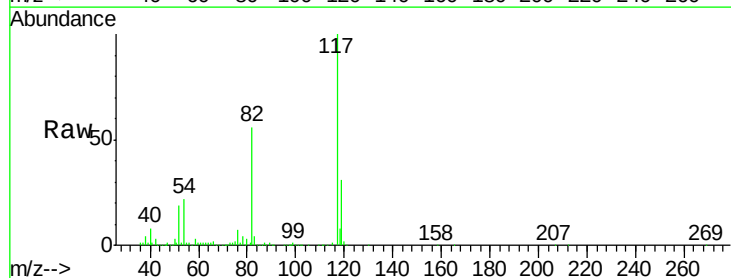
Tgt Ion: 117 Resp: 144323

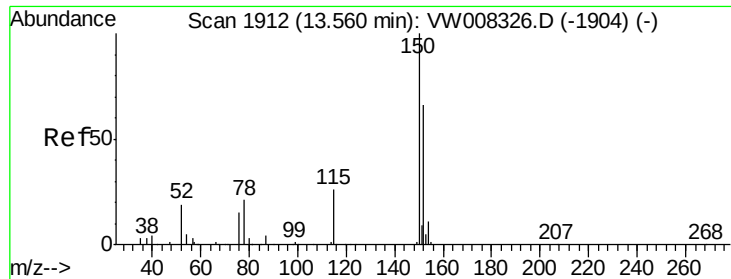
Ion Ratio Lower Upper

117 100

82 56.0 44.3 66.5

119 30.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008376.D

Acq: 21 Jan 2019 15:40

Instrument :

MSVOA_W

ClientSampleId :

CL-01-011819-A

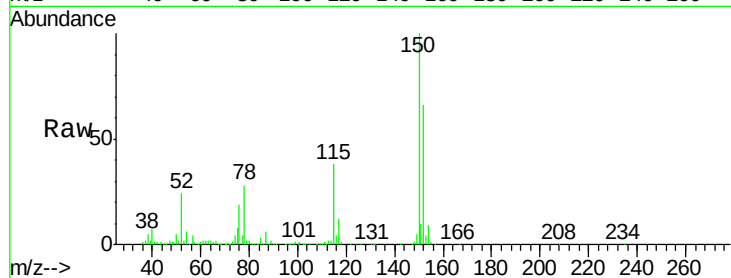
Tot Ion:152 Resp: 63923

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.4

150 155.9 0.0 351.4



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

