

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
 Data File : VW008625.D
 Acq On : 12 Feb 2019 16:17
 Operator : SY/VA
 Sample : K1343-03
 Misc : 6.93G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-B

Quant Time: Feb 13 01:07:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

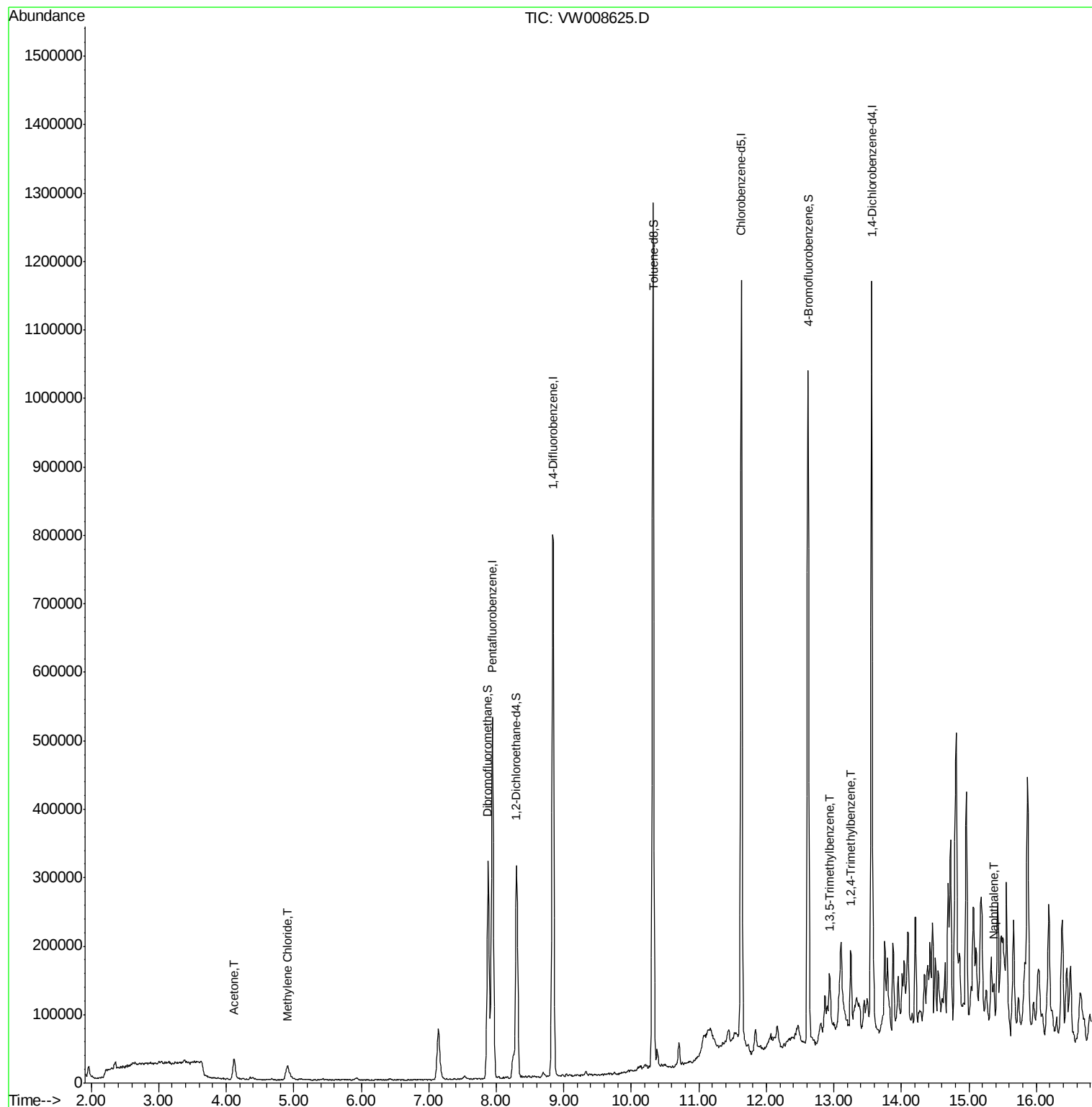
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	406480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	671127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	609769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	268410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	236255	59.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.32%	
35) Dibromofluoromethane	7.88	113	212119	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
50) Toluene-d8	10.32	98	802180	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.62	95	286973	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
Target Compounds						
16) Acetone	4.12	43	52179	58.187	ug/l	98
20) Methylene Chloride	4.91	84	16865	4.080	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	22469	1.343	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	64956	3.821	ug/l	99
95) Naphthalene	15.37	128	28619	2.925	ug/l #	96

(#) = 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: VW008625.D

Acq: 12 Feb 2019 16:17

Instrument :

MSVOA_W

ClientSampleId :

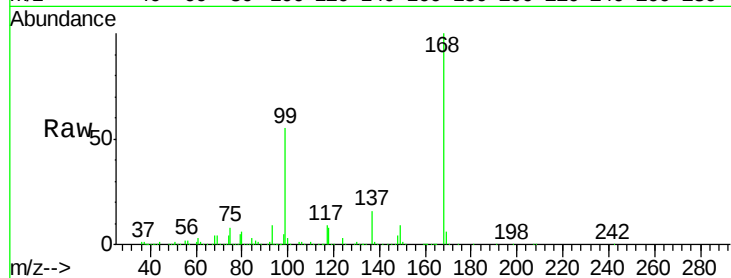
JC-02-021119-B

Tot Ion:168 Resp: 406480

Ion Ratio Lower Upper

168 100

99 54.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

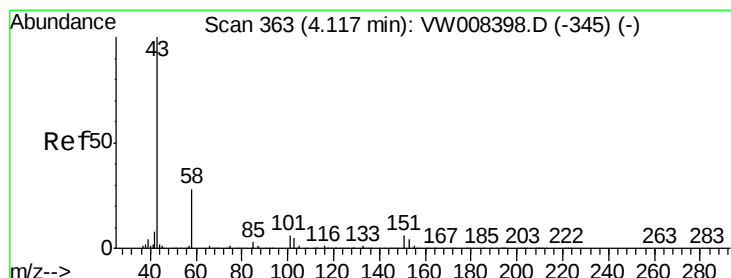
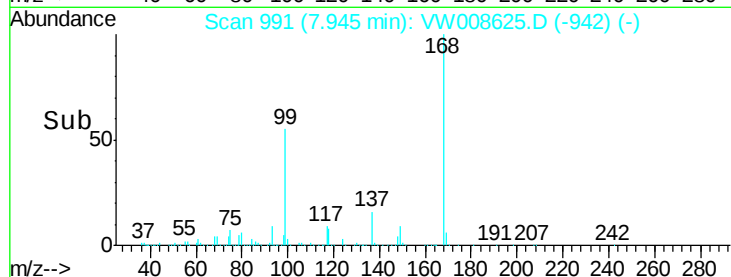
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 58.187 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008625.D

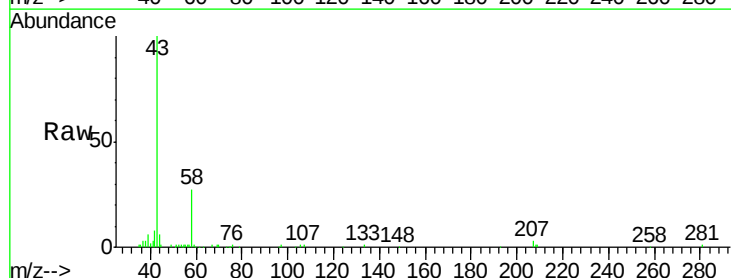
Acq: 12 Feb 2019 16:17

Tgt Ion: 43 Resp: 52179

Ion Ratio Lower Upper

43 100

58 27.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

20000

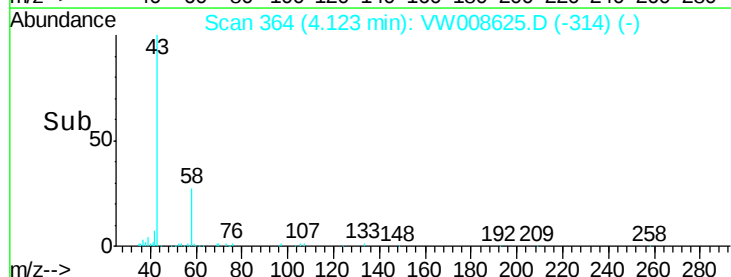
15000

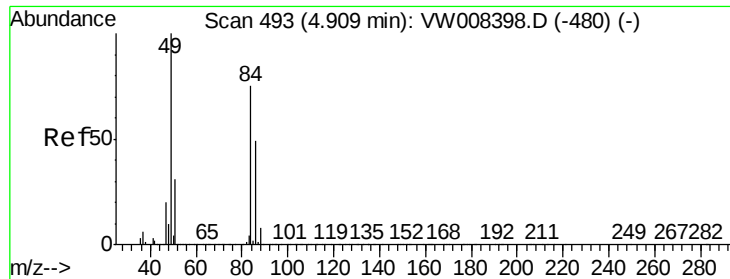
10000

5000

0

Time--> 4.00 4.10 4.20

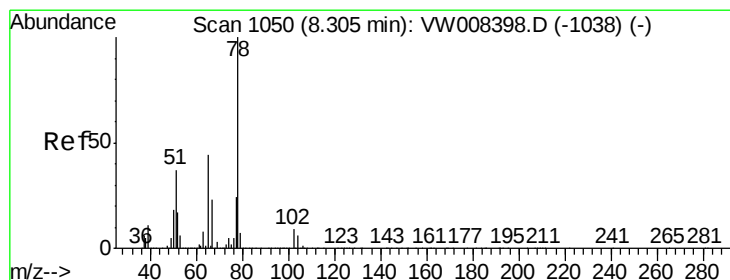
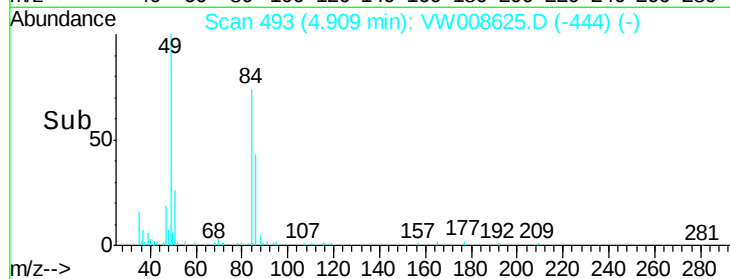
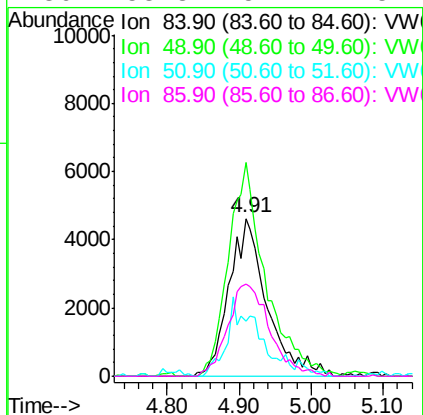
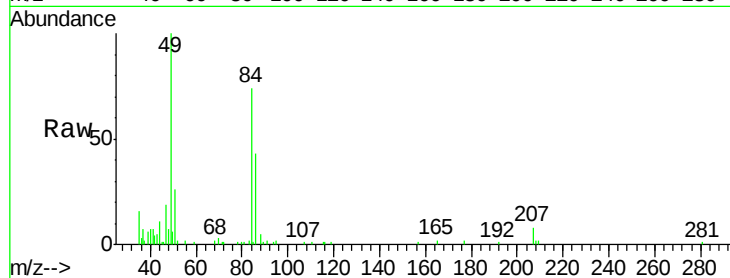




#20
Methylene Chloride
Concen: 4.080 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

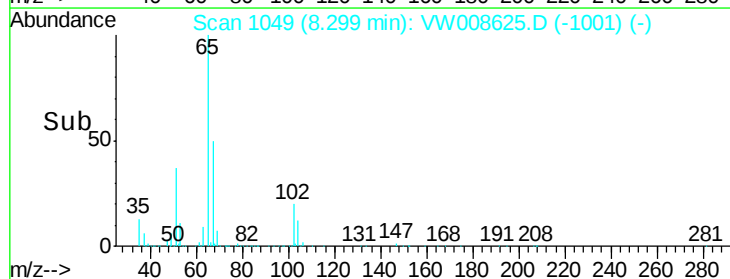
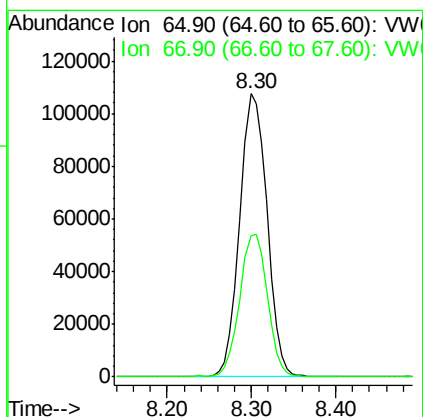
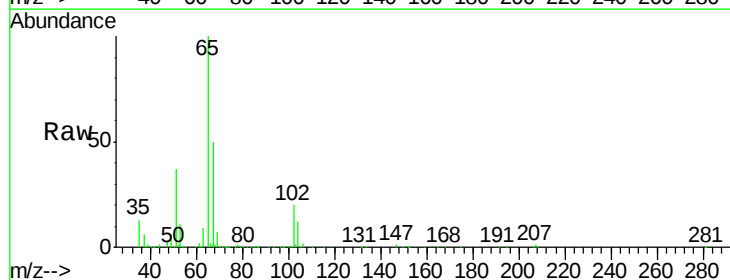
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-B

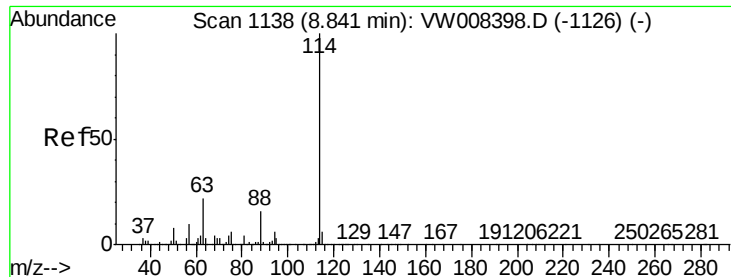
Tot Ion:	84	Resp:	16865
Ion	Ratio	Lower	Upper
84	100		
49	135.6	106.8	160.2
51	35.0	32.9	49.3
86	58.3	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 59.163 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion:	65	Resp:	236255
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.0

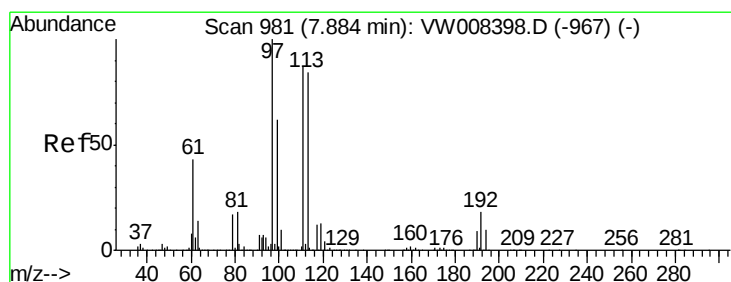
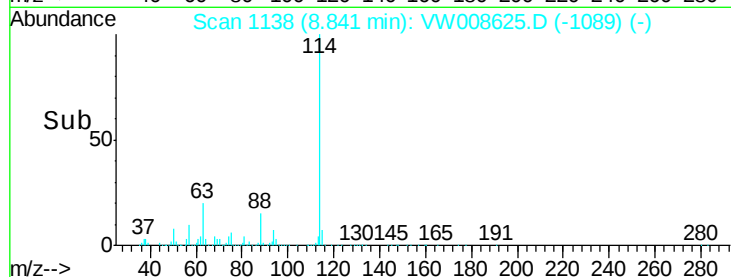
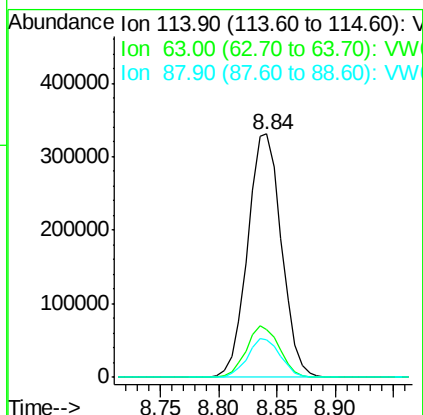
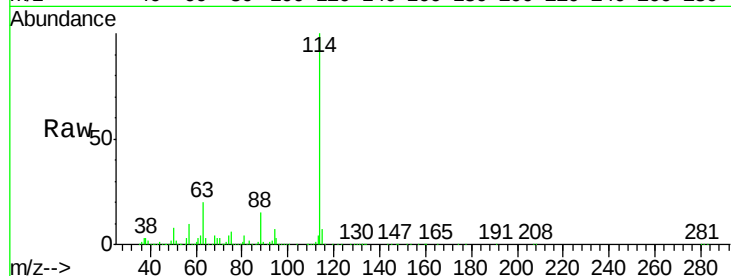




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

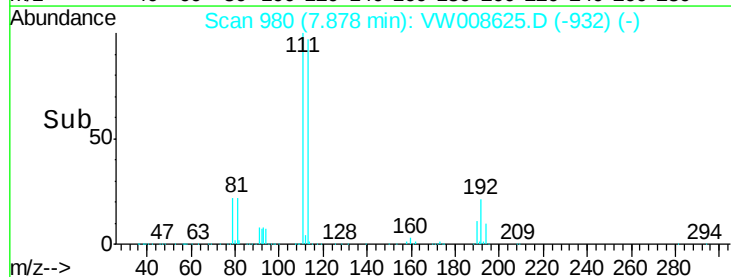
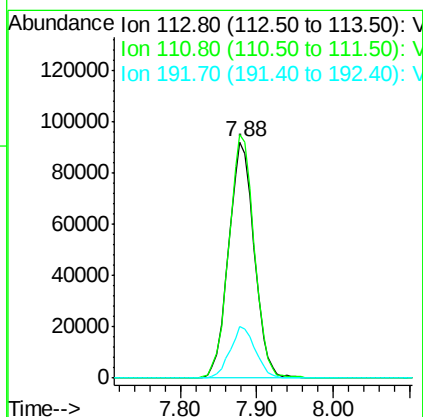
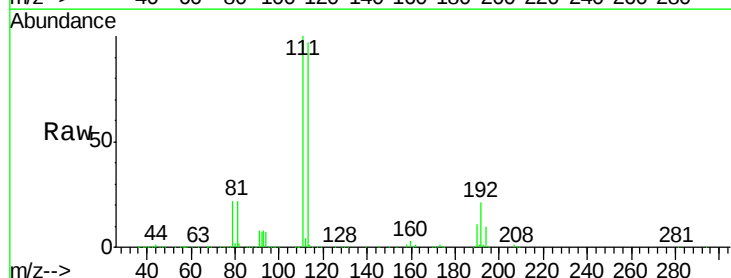
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-B

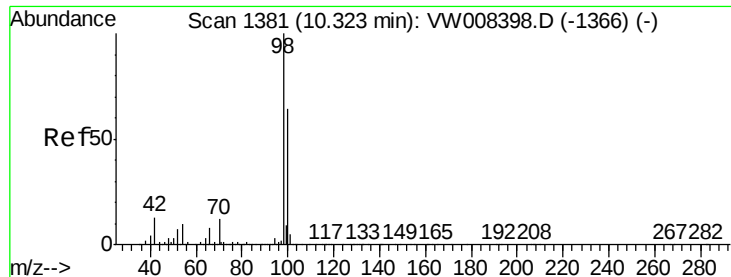
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	43.6
88	15.3	0.0	31.8



#35
Dibromofluoromethane
Concen: 54.053 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.4
192	21.5	16.8	25.2





#50

Toluene-d8

Concen: 50.975 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008625.D

Acq: 12 Feb 2019 16:17

Instrument :

MSVOA_W

ClientSampleId :

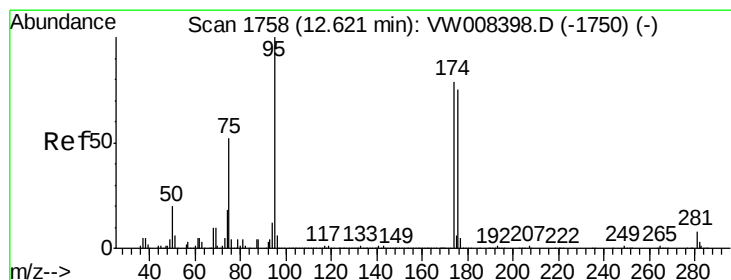
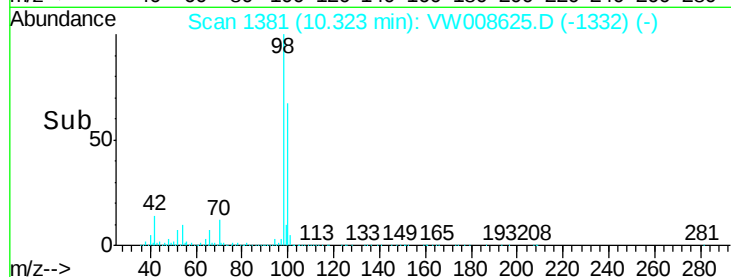
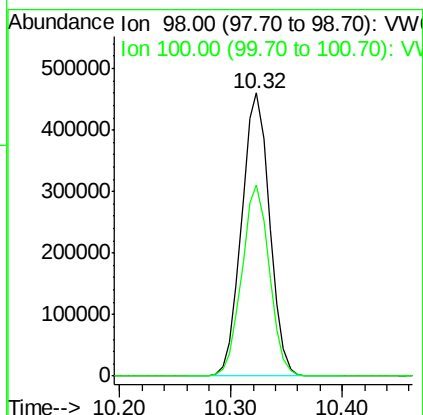
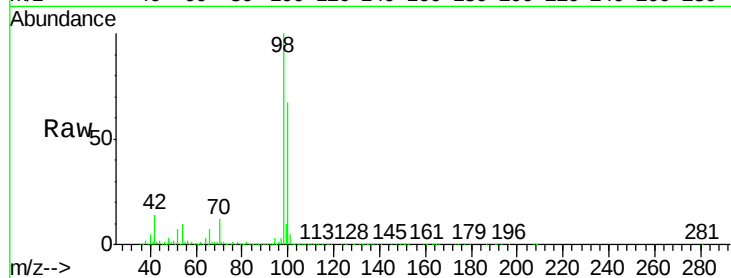
JC-02-021119-B

Tot Ion: 98 Resp: 802180

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 47.442 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008625.D

Acq: 12 Feb 2019 16:17

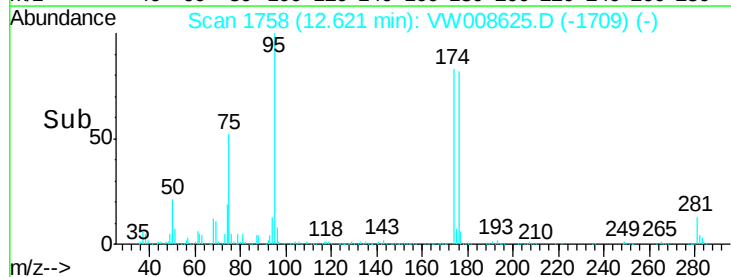
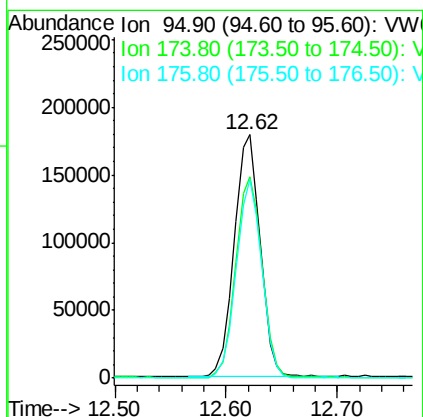
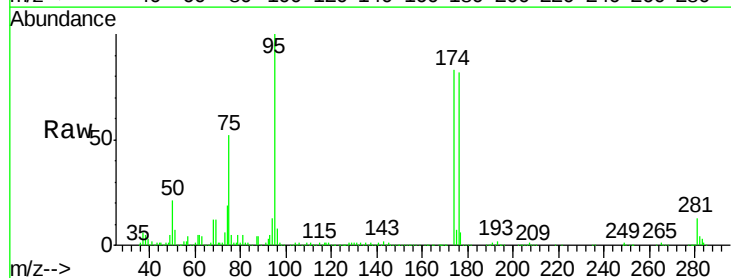
Tgt Ion: 95 Resp: 286973

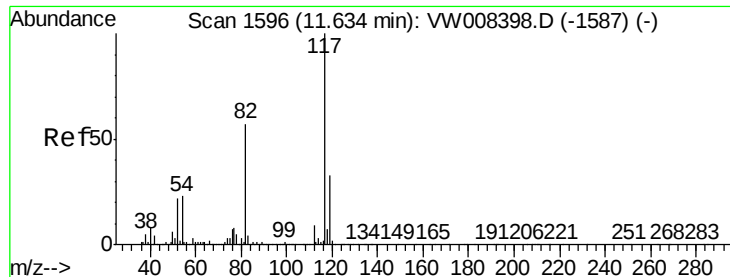
Ion Ratio Lower Upper

95 100

174 84.4 0.0 157.6

176 80.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008625.D

Acq: 12 Feb 2019 16:17

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-B

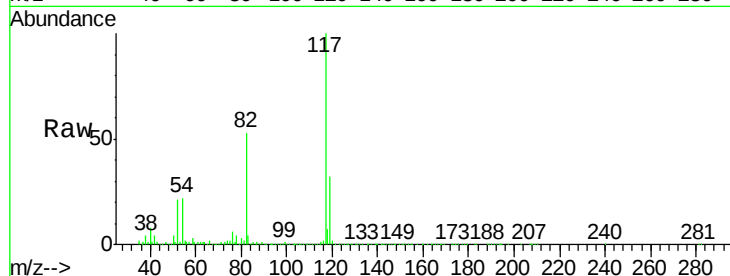
Tot Ion:117 Resp: 609769

Ion Ratio Lower Upper

117 100

82 53.2 45.4 68.0

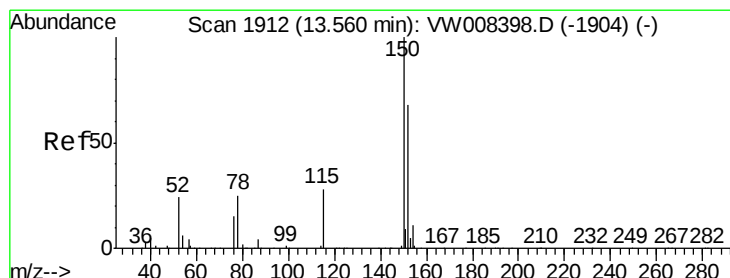
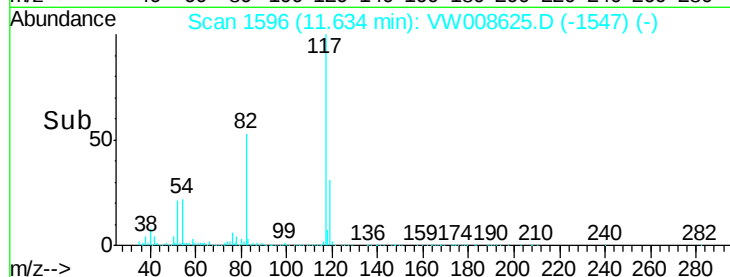
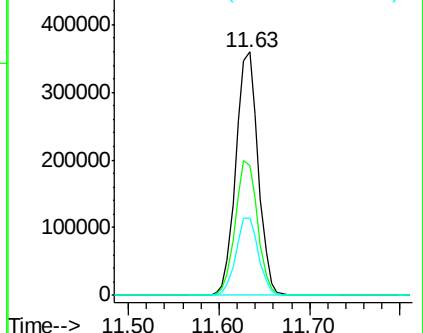
119 31.4 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW008625.D

Acq: 12 Feb 2019 16:17

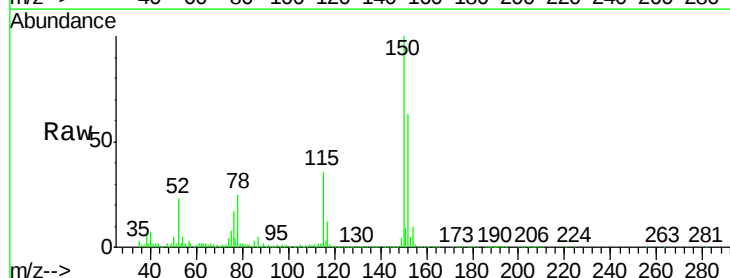
Tgt Ion:152 Resp: 268410

Ion Ratio Lower Upper

152 100

115 58.2 29.9 89.7

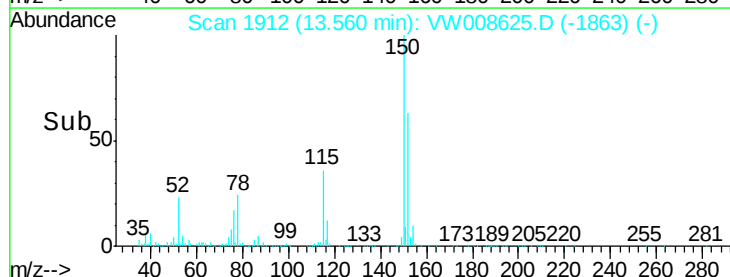
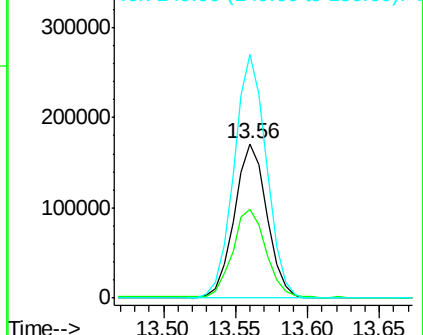
150 157.5 0.0 351.4

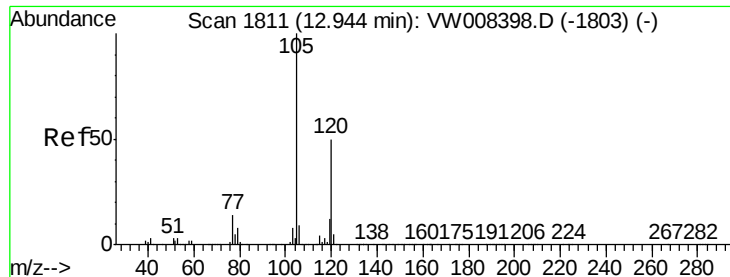


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

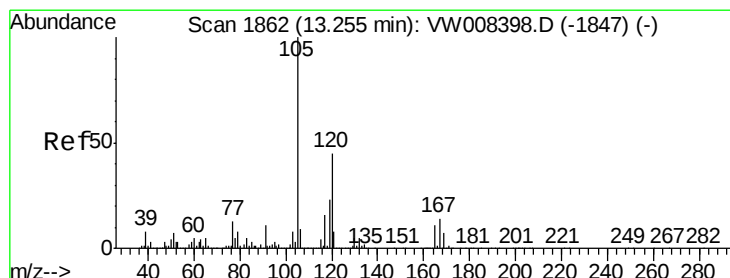
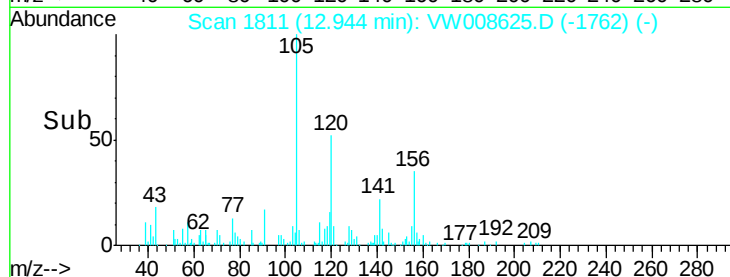
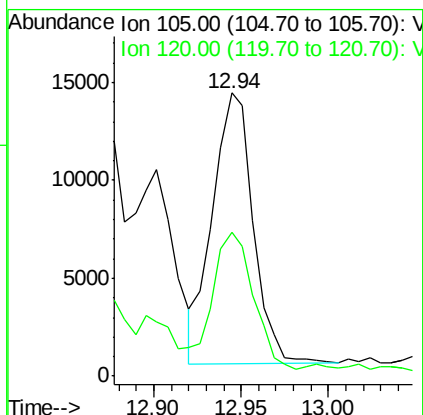
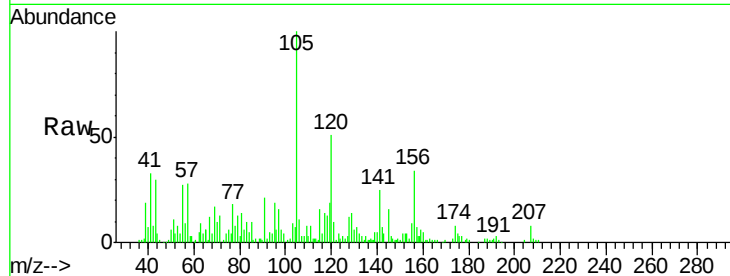




#80
 1,3,5-Trimethylbenzene
 Concen: 1.343 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008625.D
 Acq: 12 Feb 2019 16:17

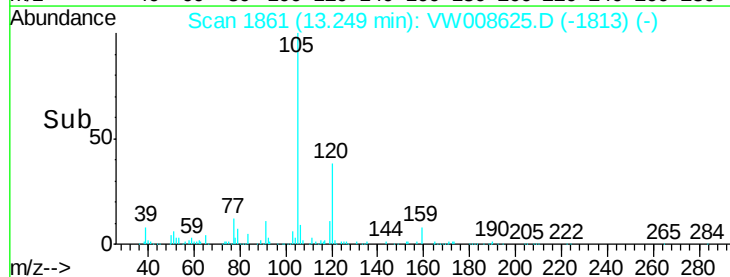
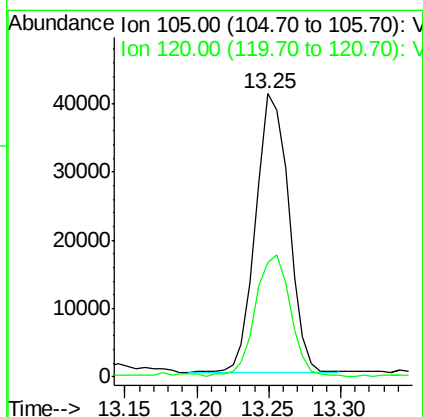
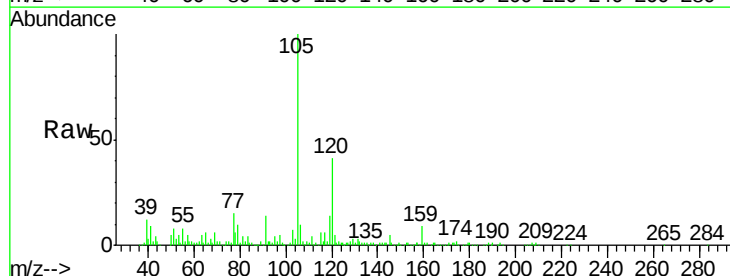
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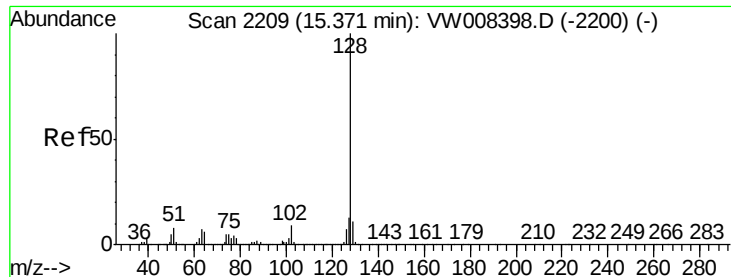
Tot Ion:105 Resp: 22469
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 73.8



#84
 1,2,4-Trimethylbenzene
 Concen: 3.821 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW008625.D
 Acq: 12 Feb 2019 16:17

Tgt Ion:105 Resp: 64956
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2





#95

Naphthalene

Concen: 2.925 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008625.D

Acq: 12 Feb 2019 16:17

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-B

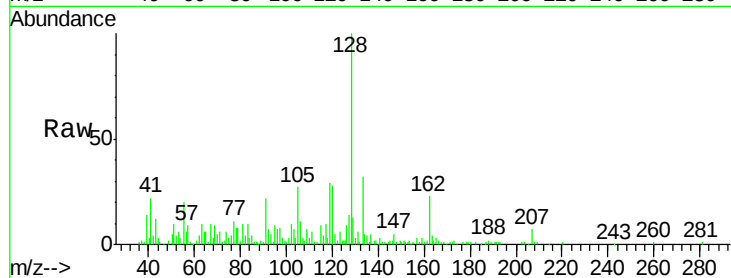
Tot Ion:128 Resp: 28619

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 7.7 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

