

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012919\
 Data File : VW008446.D
 Acq On : 29 Jan 2019 12:35
 Operator : SY/VA
 Sample : K1010-07
 Misc : 4.97G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-012819-A

Quant Time: Jan 30 03:16:39 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

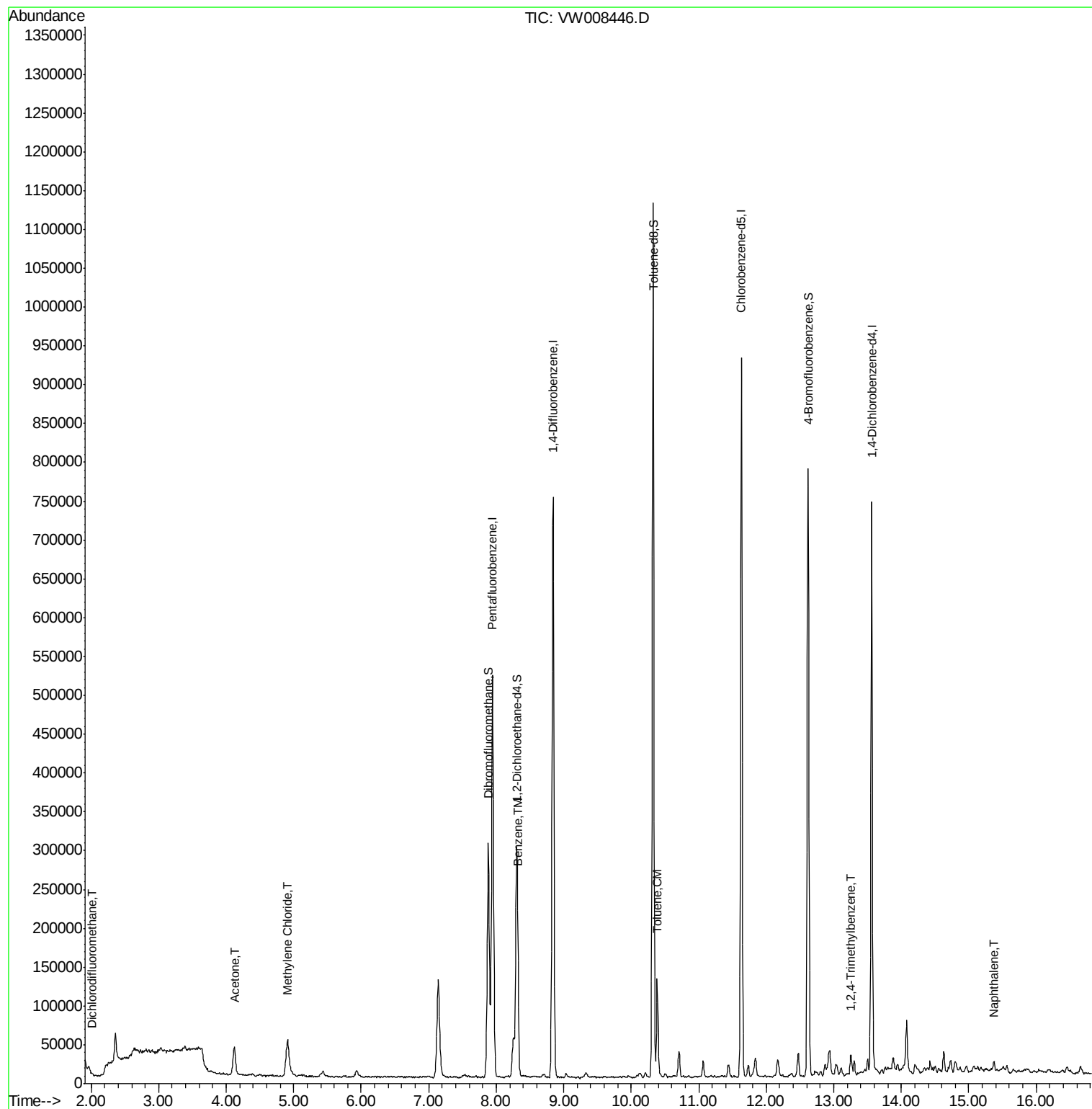
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	403177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	648766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	528553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	212262	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
35) Dibromofluoromethane	7.88	113	205865	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
50) Toluene-d8	10.32	98	738026	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.62	95	230411	39.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	637	3.508	ug/l	79
16) Acetone	4.12	43	62301	70.043	ug/l	96
20) Methylene Chloride	4.91	84	38556	9.405	ug/l	99
40) Benzene	8.32	78	36451	2.144	ug/l	98
52) Toluene	10.38	92	55952	4.984	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	14353	1.184	ug/l	98
95) Naphthalene	15.38	128	11224	1.609	ug/l #	91

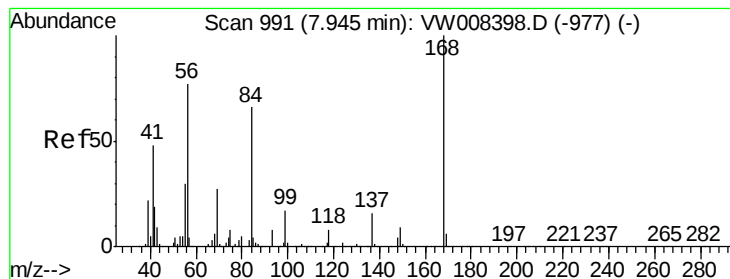
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008446.D

Acq: 29 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

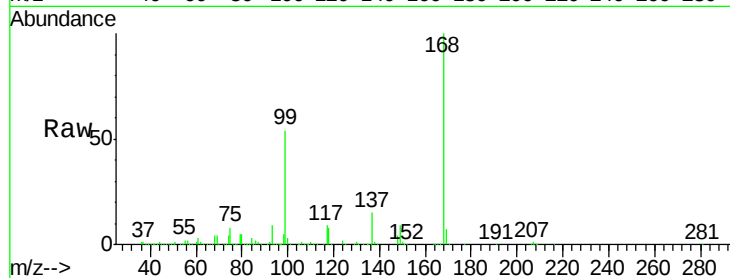
OK-03-012819-A

Tot Ion:168 Resp: 403177

Ion Ratio Lower Upper

168 100

99 54.4 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

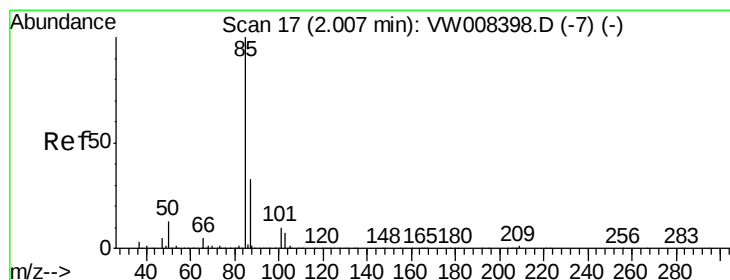
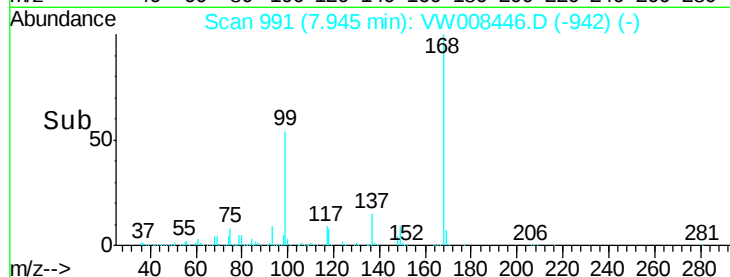
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 3.508 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008446.D

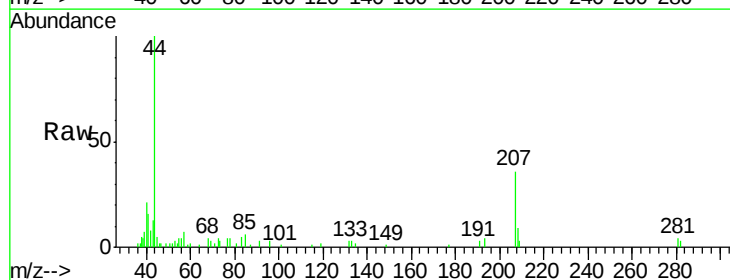
Acq: 29 Jan 2019 12:35

Tgt Ion: 85 Resp: 637

Ion Ratio Lower Upper

85 100

87 21.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

300

250

200

150

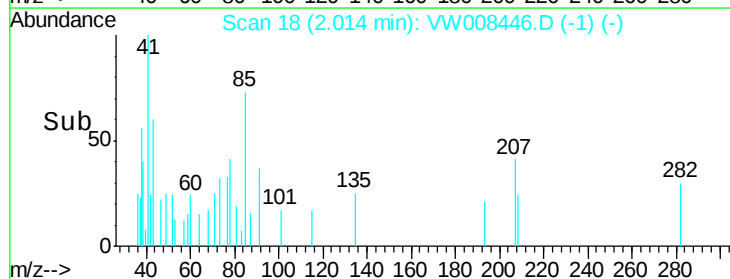
100

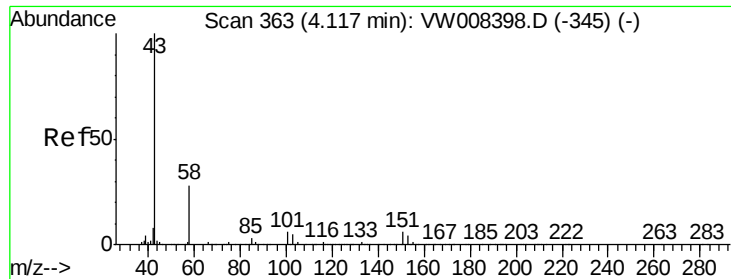
50

0

1.95 2.00 2.05

Time-->

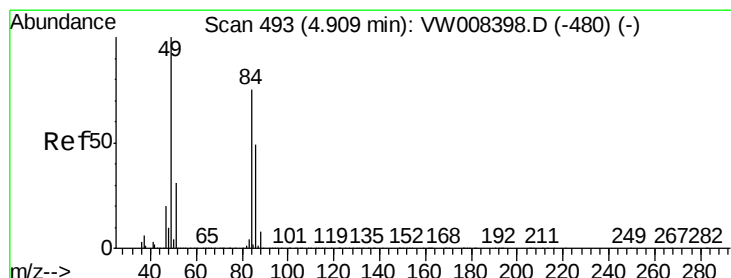
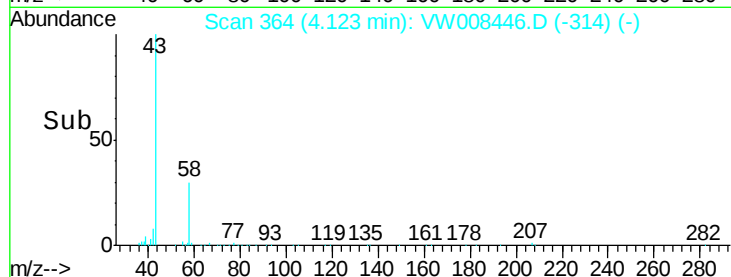
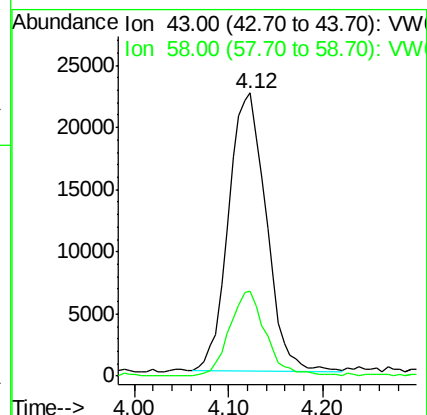
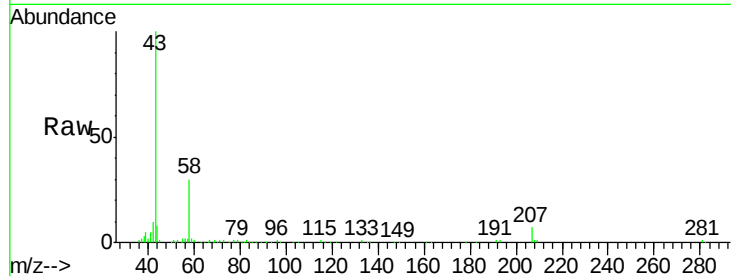




#16
Acetone
Concen: 70.043 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW008446.D
Acq: 29 Jan 2019 12:35

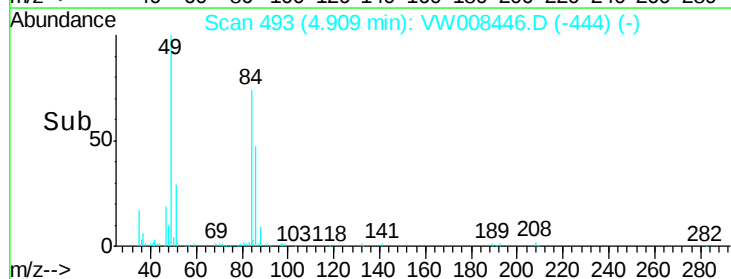
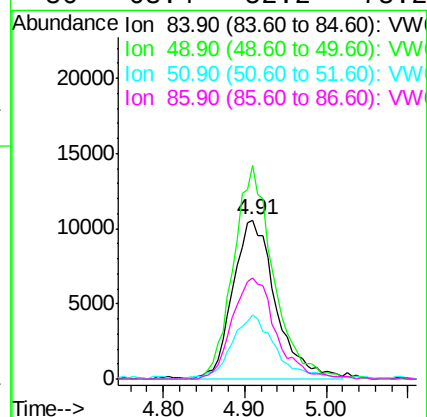
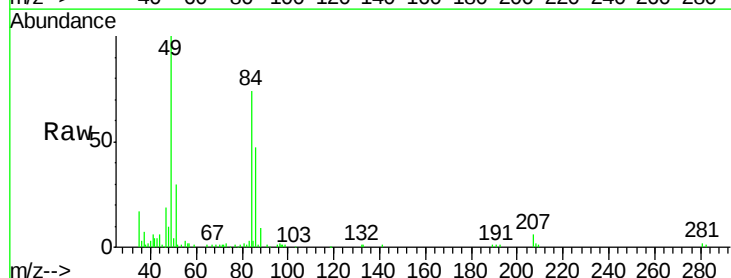
Instrument :
MSVOA_W
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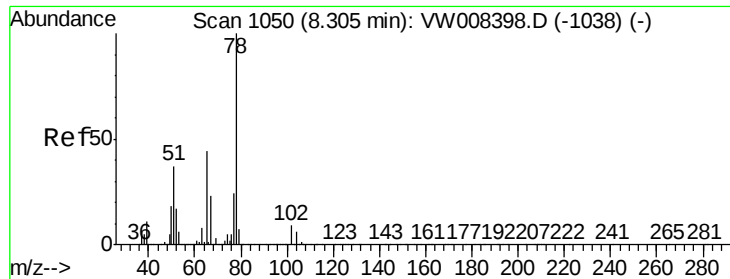
Tot Ion: 43 Resp: 62301
Ion Ratio Lower Upper
43 100
58 30.3 22.6 34.0



#20
Methylene Chloride
Concen: 9.405 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008446.D
Acq: 29 Jan 2019 12:35

Tgt Ion: 84 Resp: 38556
Ion Ratio Lower Upper
84 100
49 133.6 106.8 160.2
51 38.6 32.9 49.3
86 63.4 52.2 78.2

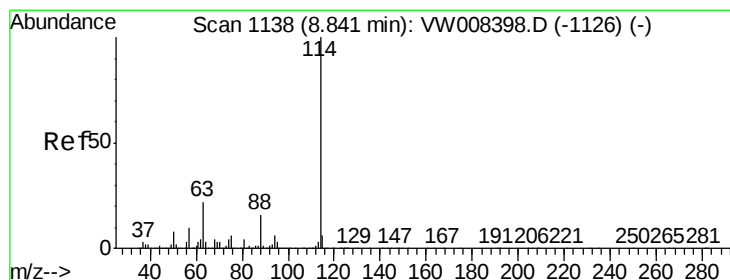
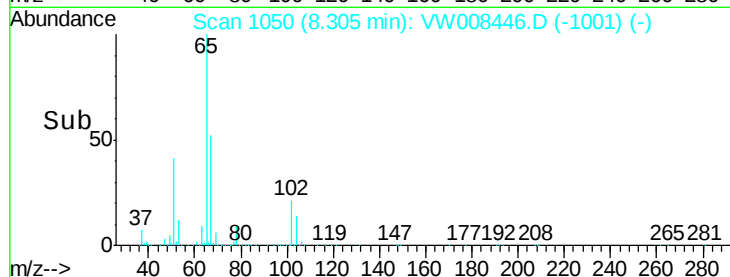
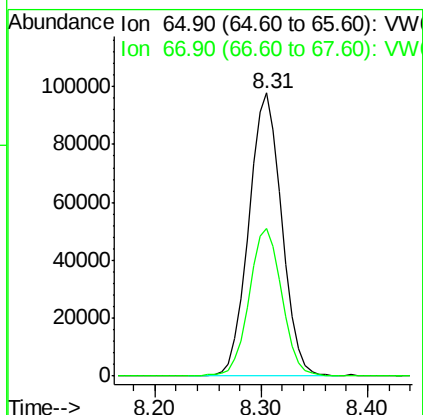
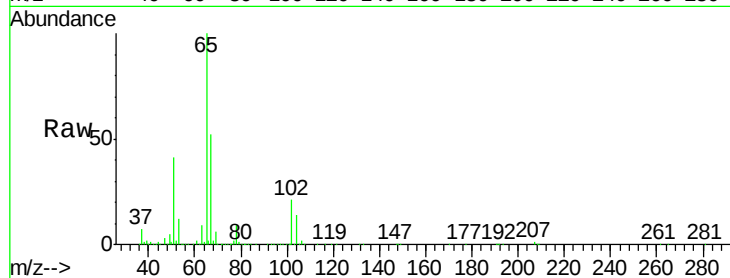




#33
 1,2-Dichloroethane-d4
 Concen: 53.590 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008446.D
 Acq: 29 Jan 2019 12:35

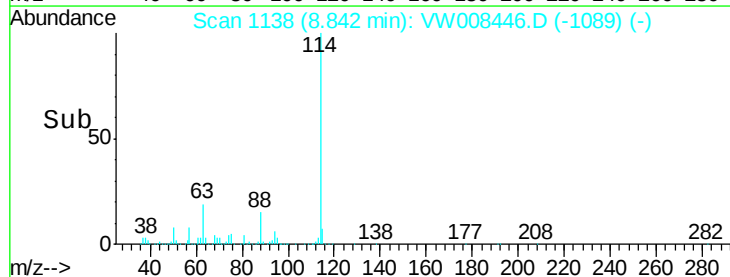
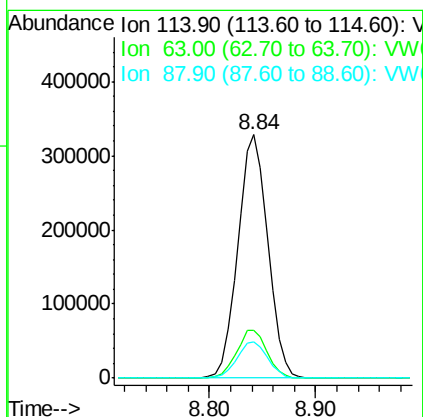
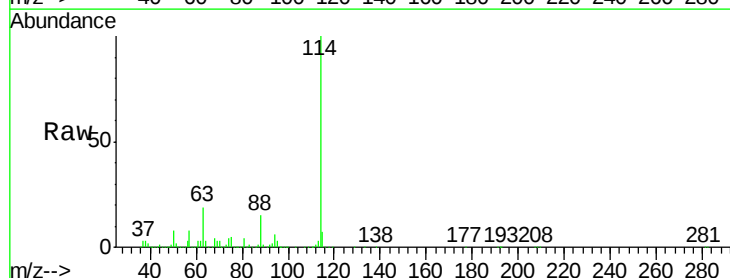
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-012819-A

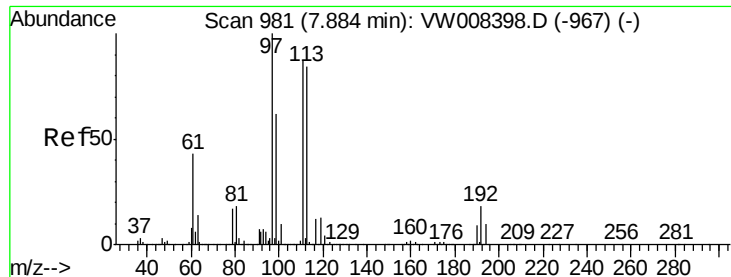
Tot Ion: 65 Resp: 212262
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008446.D
 Acq: 29 Jan 2019 12:35

Tgt Ion: 114 Resp: 648766
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.6
 88 15.1 0.0 31.8

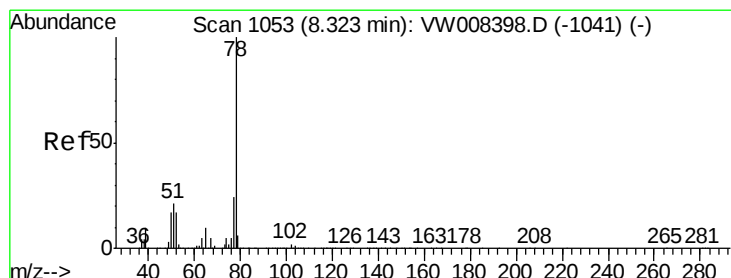
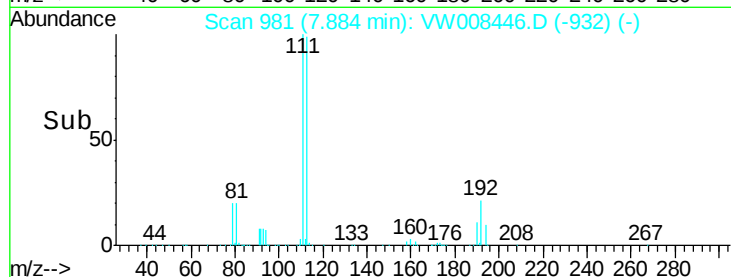
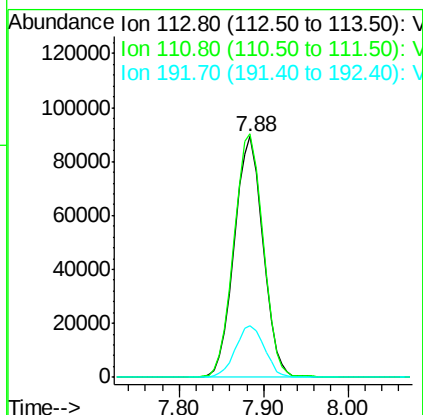
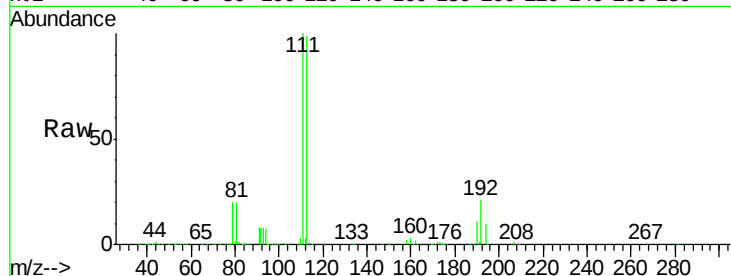




#35
 Dibromofluoromethane
 Concen: 54.267 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008446.D
 Acq: 29 Jan 2019 12:35

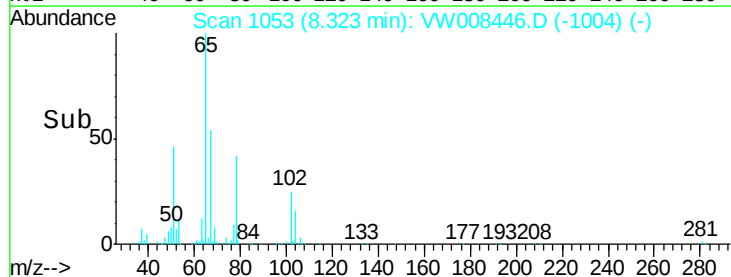
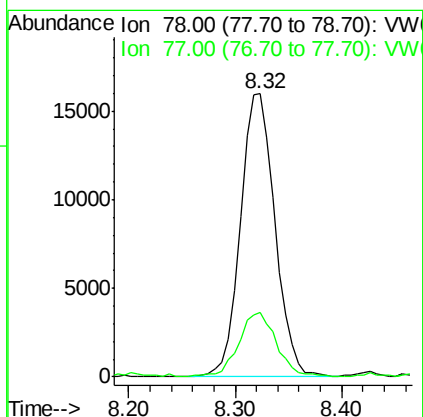
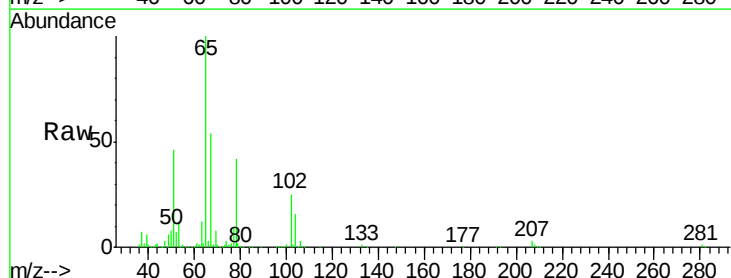
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-012819-A

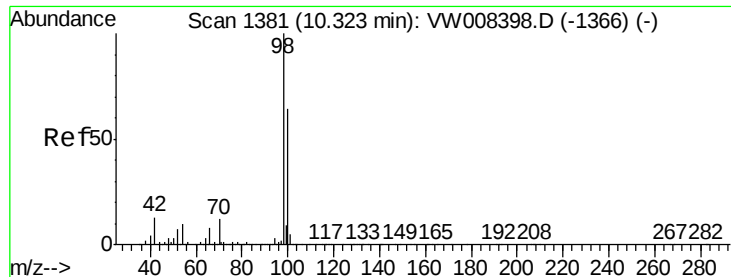
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.4
192	21.6	16.8	25.2



#40
 Benzene
 Concen: 2.144 ug/l
 RT: 8.32 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VW008446.D
 Acq: 29 Jan 2019 12:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.6





#50

Toluene-d8

Concen: 48.515 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008446.D

Acq: 29 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

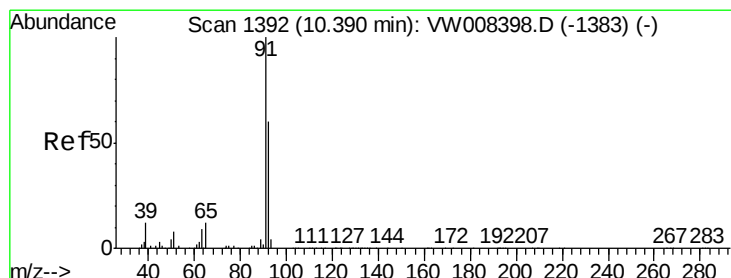
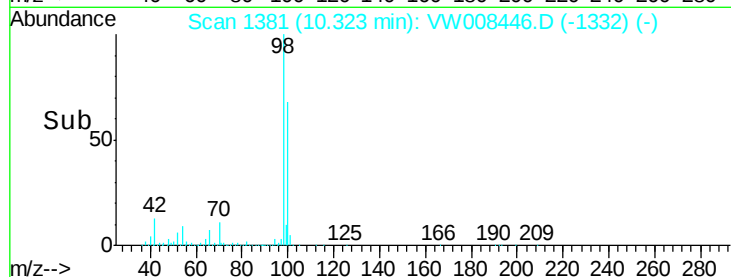
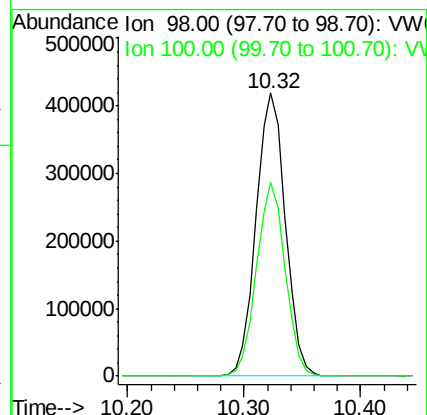
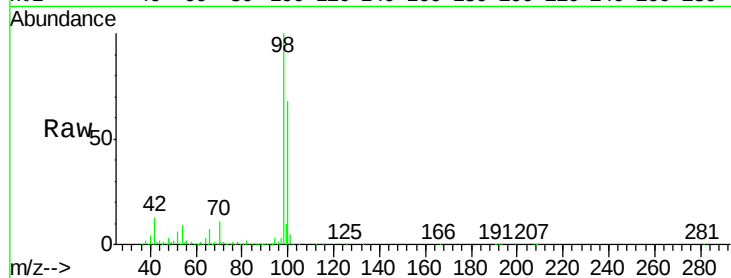
OK-03-012819-A

Tot Ion: 98 Resp: 738026

Ion Ratio Lower Upper

98 100

100 66.9 52.6 78.8



#52

Toluene

Concen: 4.984 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008446.D

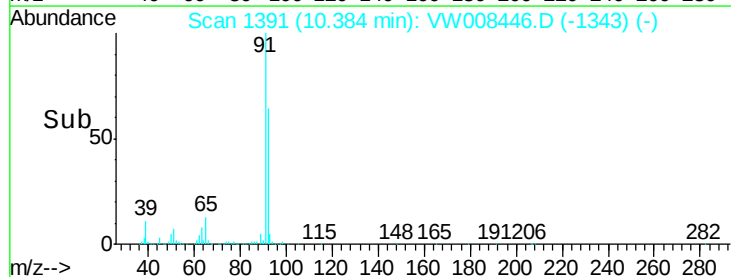
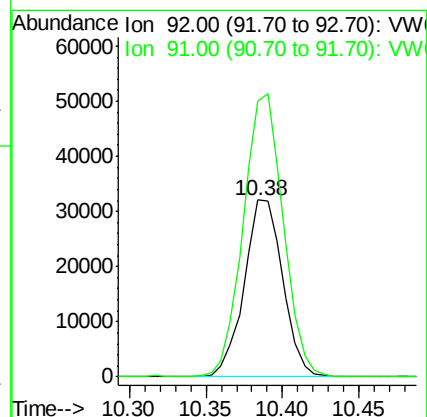
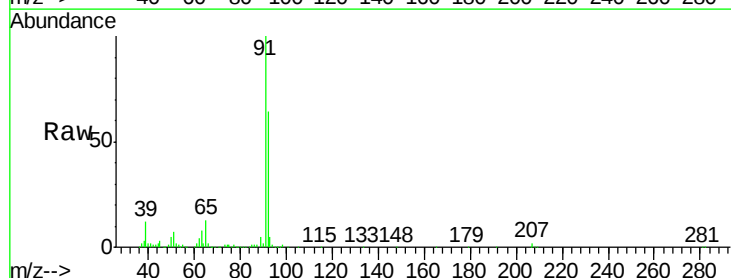
Acq: 29 Jan 2019 12:35

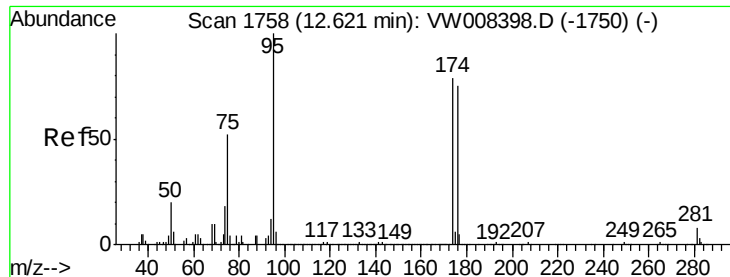
Tgt Ion: 92 Resp: 55952

Ion Ratio Lower Upper

92 100

91 165.5 135.5 203.3

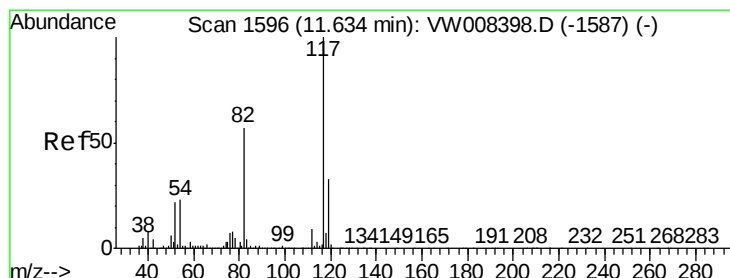
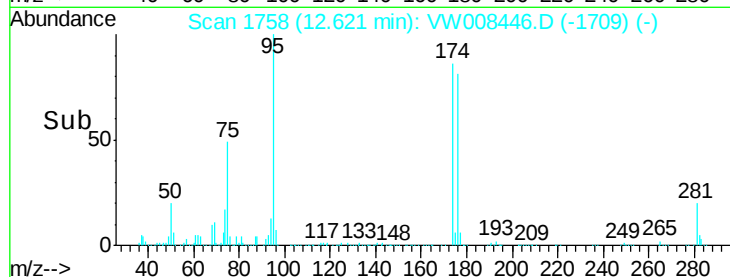
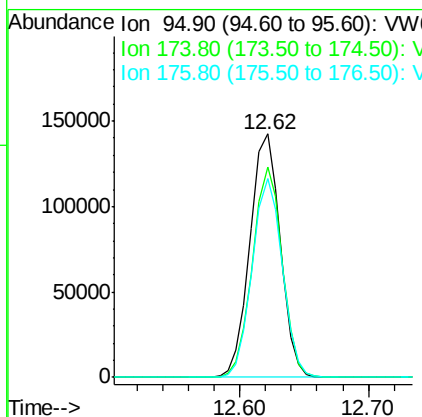
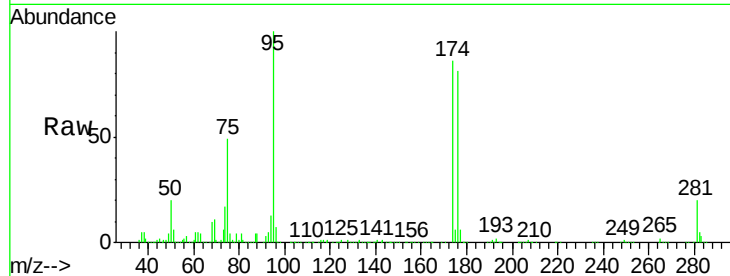




#62
4-Bromofluorobenzene
Concen: 39.404 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008446.D
Acq: 29 Jan 2019 12:35

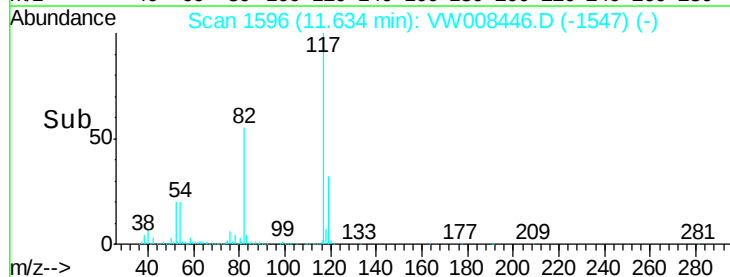
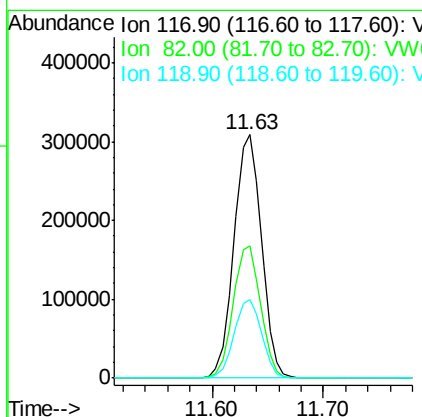
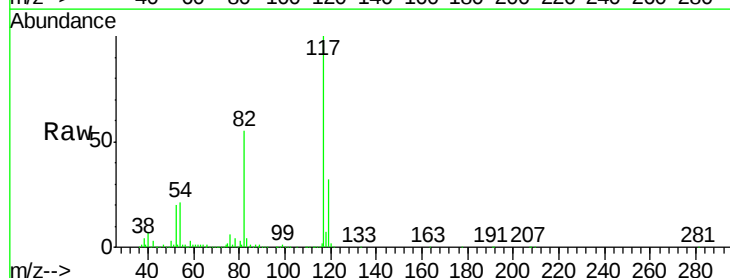
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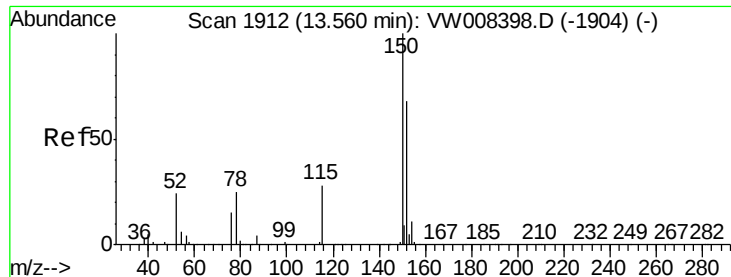
Tot Ion: 95 Resp: 230411
Ion Ratio Lower Upper
95 100
174 84.9 0.0 157.6
176 81.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008446.D
Acq: 29 Jan 2019 12:35

Tgt Ion: 117 Resp: 528553
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 32.4 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008446.D

Acq: 29 Jan 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

OK-03-012819-A

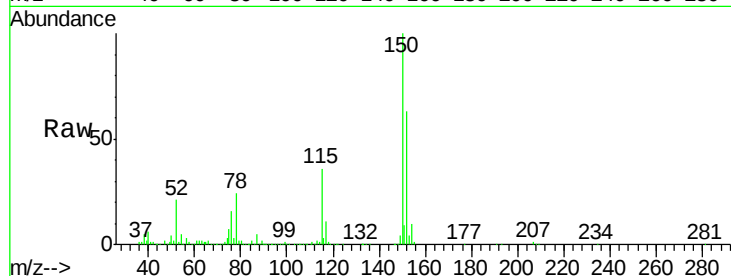
Tot Ion:152 Resp: 191329

Ion Ratio Lower Upper

152 100

115 56.3 29.9 89.7

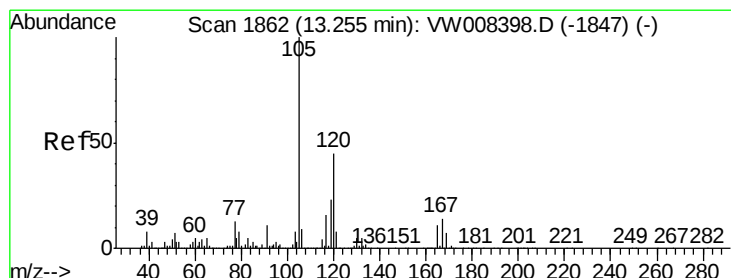
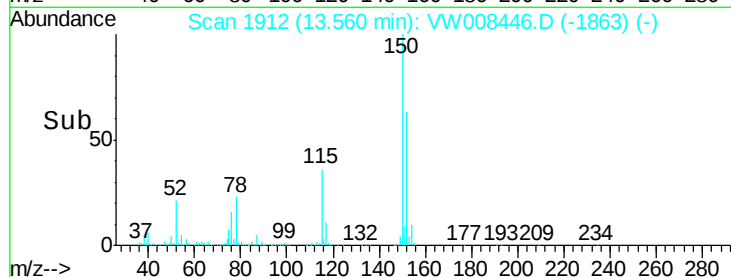
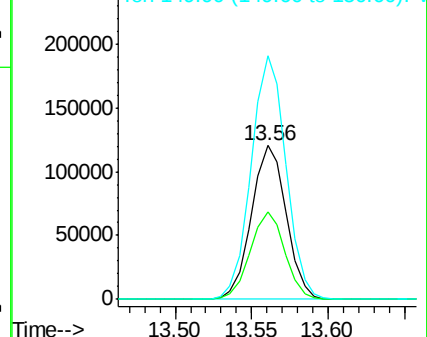
150 158.0 0.0 351.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.184 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VW008446.D

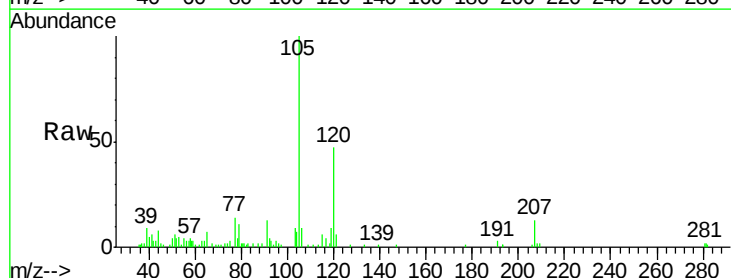
Acq: 29 Jan 2019 12:35

Tgt Ion:105 Resp: 14353

Ion Ratio Lower Upper

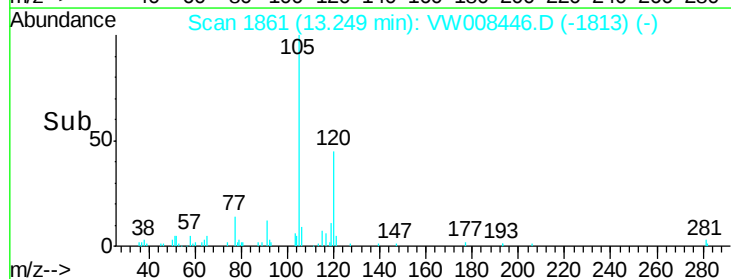
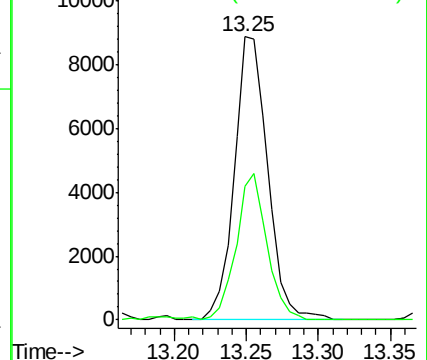
105 100

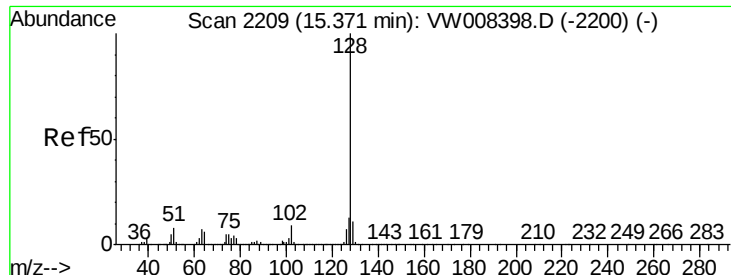
120 47.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.609 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW008446.D

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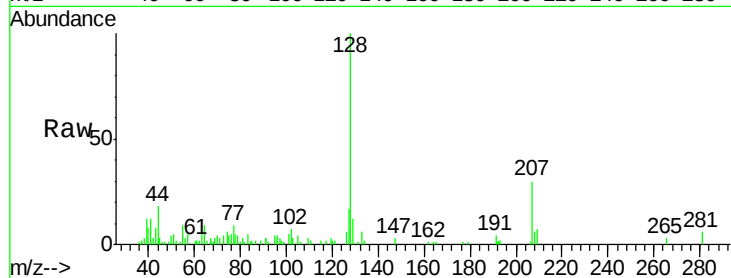
Tot Ion:128 Resp: 11224

Ion Ratio Lower Upper

128 100

127 16.3 10.6 15.8#

129 14.7 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

