

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008689.D
 Acq On : 15 Feb 2019 17:18
 Operator : SY/VA
 Sample : K1358-03
 Misc : 6.59G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-021419

Quant Time: Feb 16 01:43:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

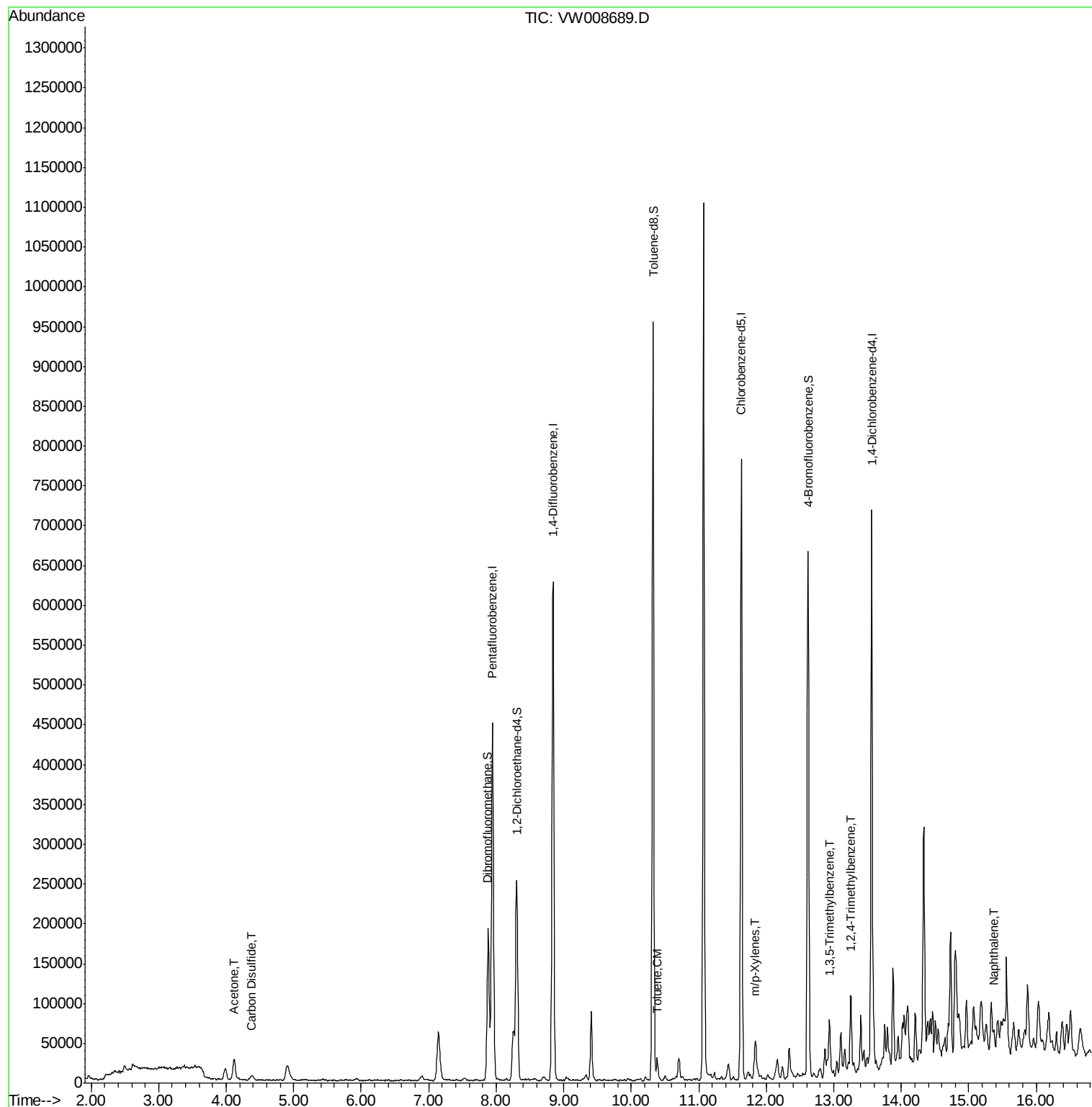
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	343973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	526803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	430698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	176263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	187443	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
35) Dibromofluoromethane	7.88	113	128769	39.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.74%	
50) Toluene-d8	10.32	98	603562	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.62	95	193003	40.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.28%	
Target Compounds						
16) Acetone	4.12	43	46023	56.556	ug/l	99
17) Carbon Disulfide	4.37	76	11030	1.088	ug/l	96
52) Toluene	10.38	92	11230	1.204	ug/l	99
68) m/p-Xylenes	11.84	106	10865	1.689	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	12736	1.168	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	53644	4.786	ug/l	99
95) Naphthalene	15.37	128	16847	2.436	ug/l	98

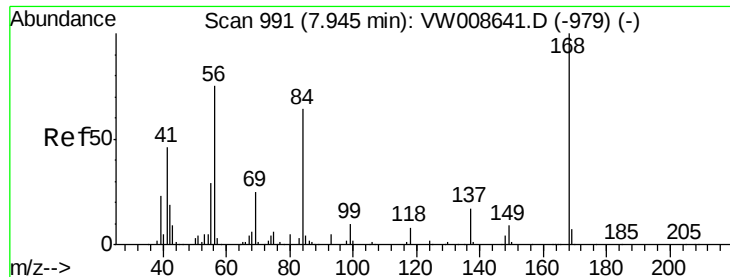
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008689.D

Acq: 15 Feb 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

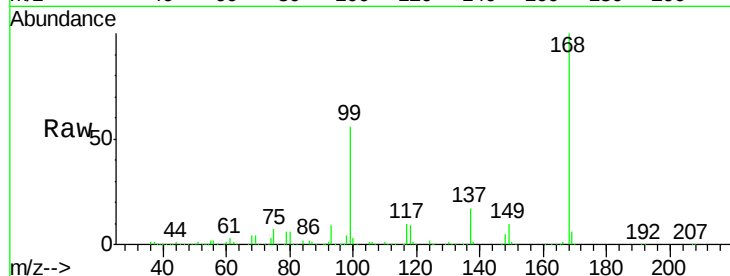
TR-04-021419

Tot Ion:168 Resp: 343973

Ion Ratio Lower Upper

168 100

99 55.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

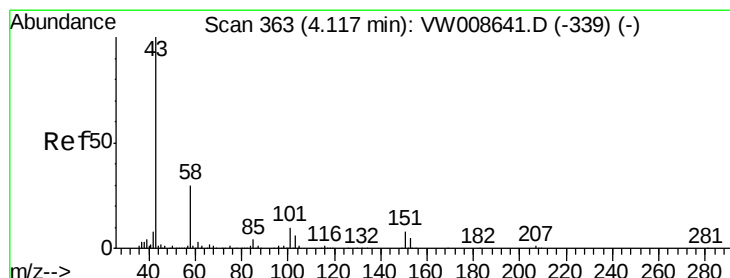
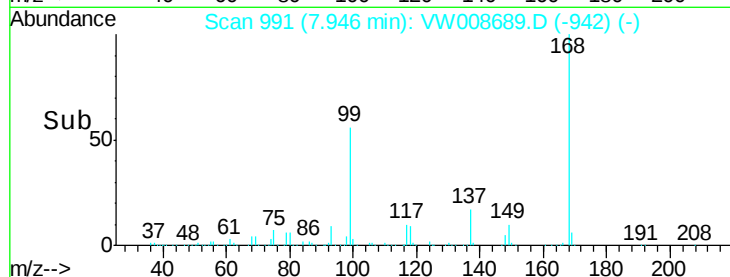
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 56.556 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008689.D

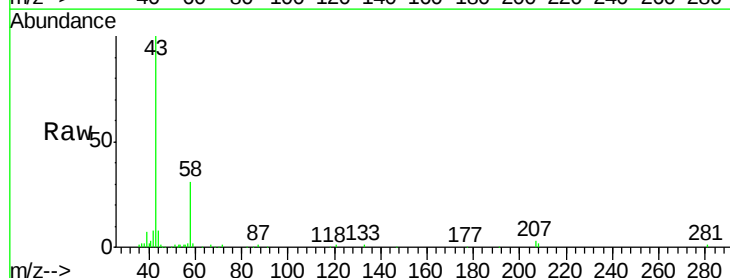
Acq: 15 Feb 2019 17:18

Tgt Ion: 43 Resp: 46023

Ion Ratio Lower Upper

43 100

58 30.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

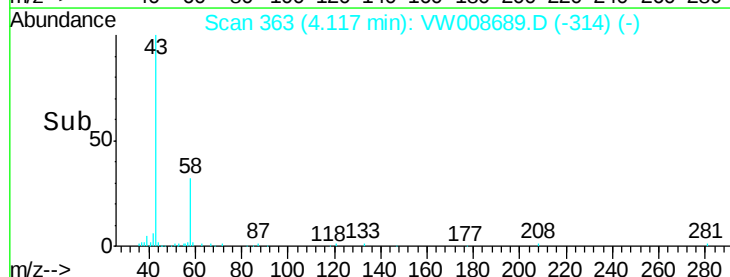
15000

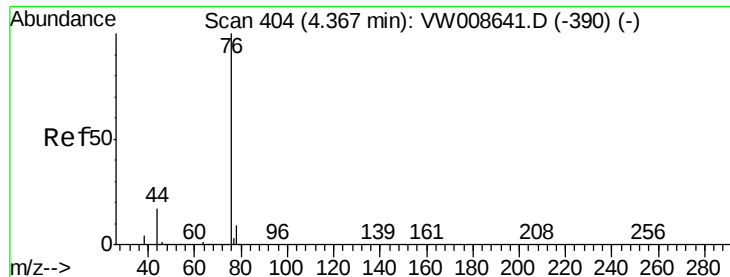
10000

5000

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 1.088 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW008689.D

Acq: 15 Feb 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

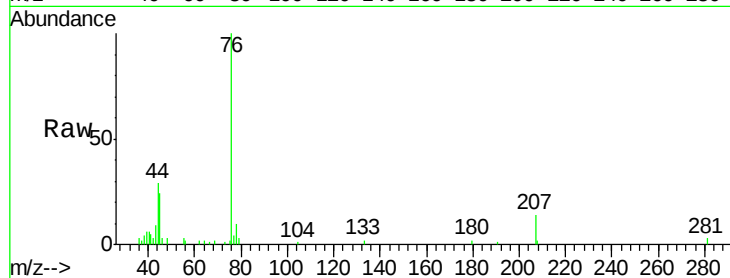
TR-04-021419

Tot Ion: 76 Resp: 11030

Ion Ratio Lower Upper

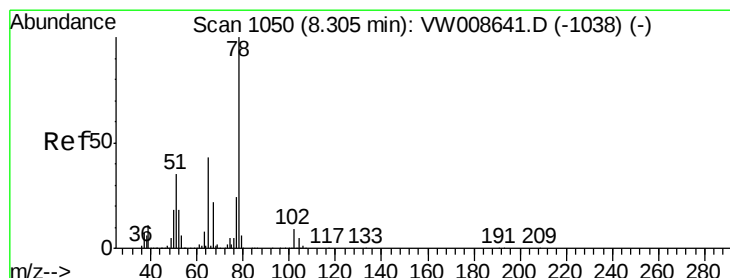
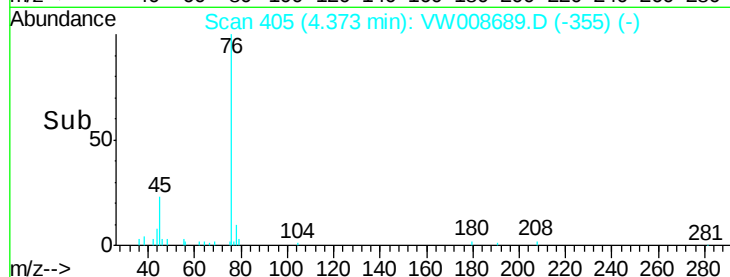
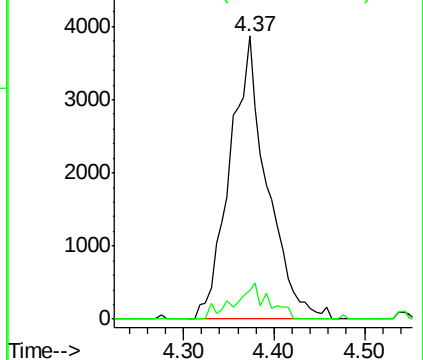
76 100

78 10.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 52.416 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008689.D

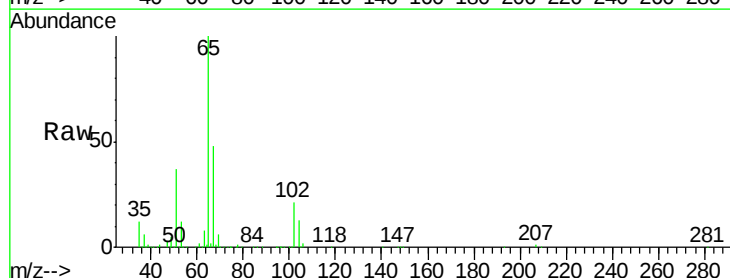
Acq: 15 Feb 2019 17:18

Tgt Ion: 65 Resp: 187443

Ion Ratio Lower Upper

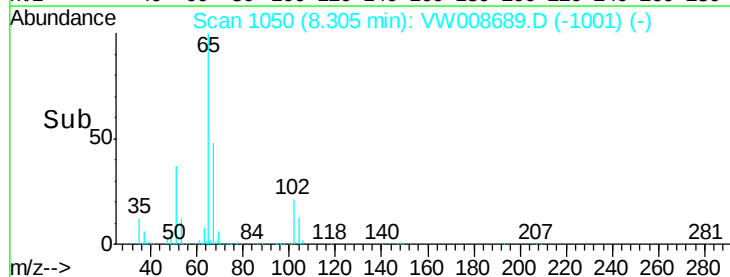
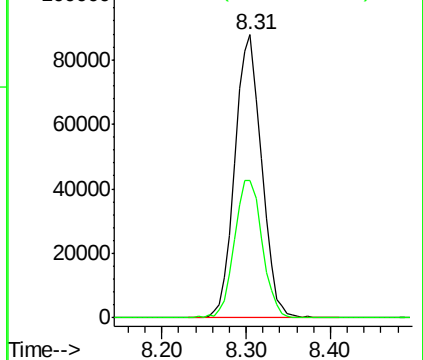
65 100

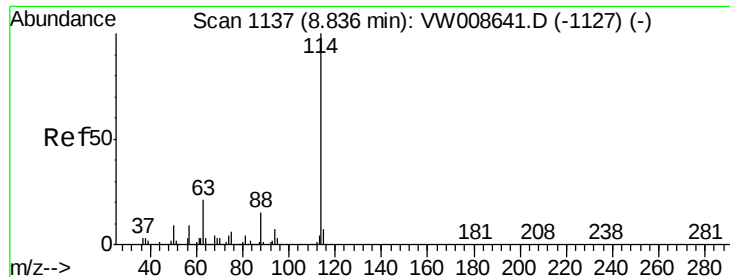
67 50.8 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

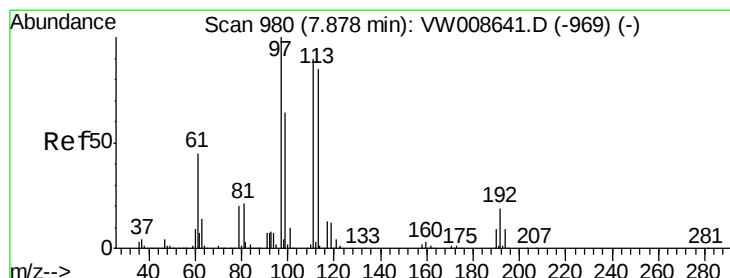
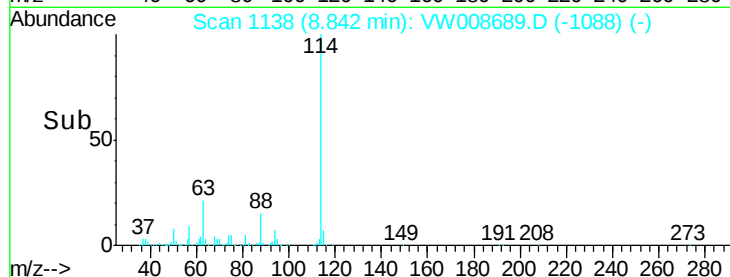
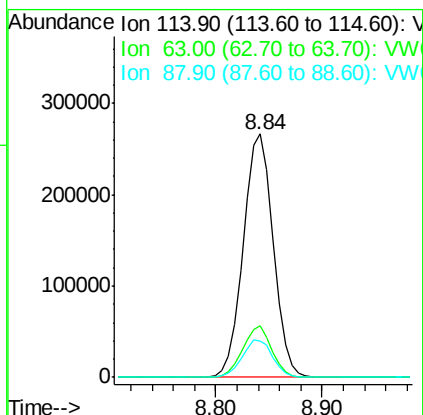
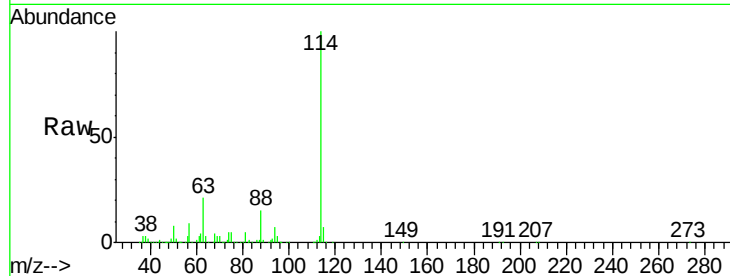




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008689.D
 Acq: 15 Feb 2019 17:18

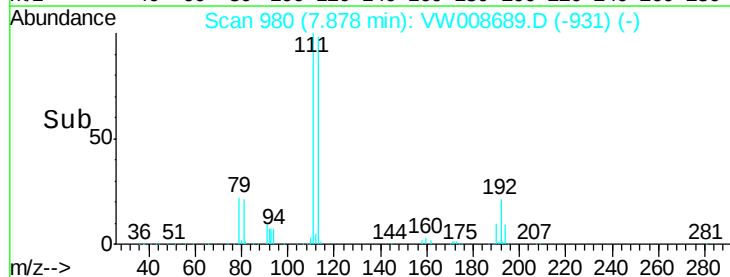
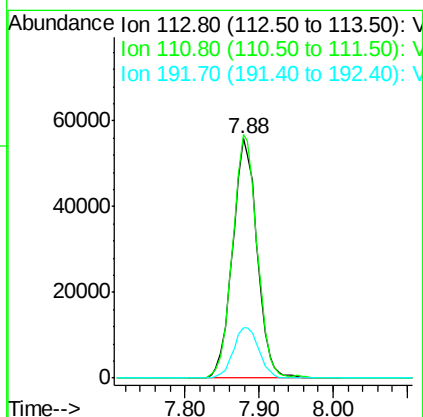
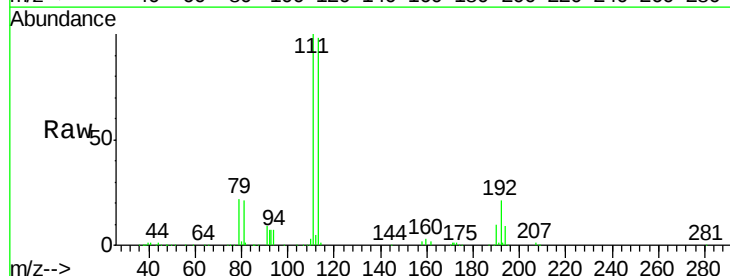
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-021419

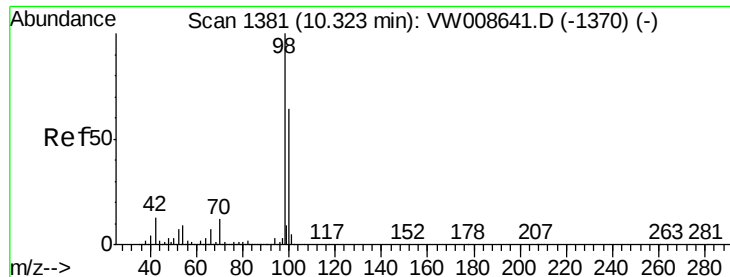
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.2
88	14.9	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 39.365 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW008689.D
 Acq: 15 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	84.0	126.0
192	22.2	17.4	26.2





#50

Toluene-d8

Concen: 47.865 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008689.D

Acq: 15 Feb 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

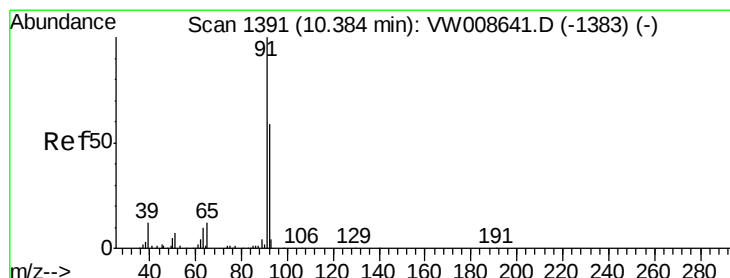
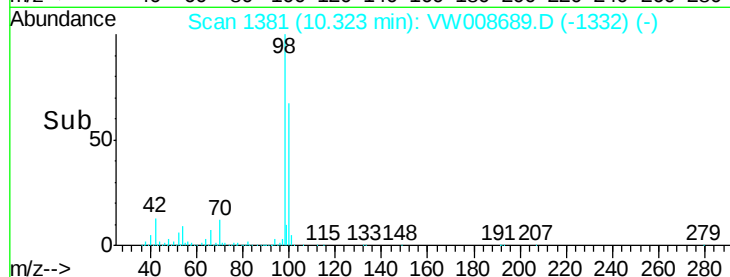
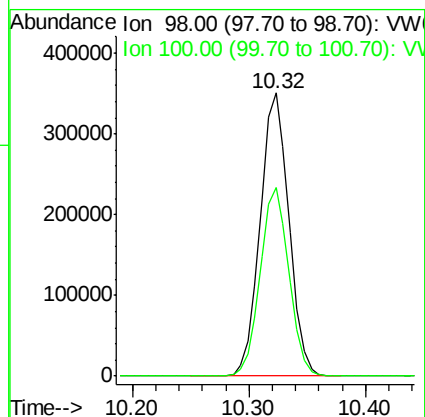
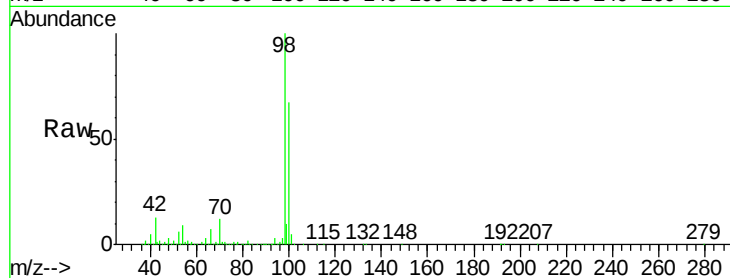
TR-04-021419

Tot Ion: 98 Resp: 603562

Ion Ratio Lower Upper

98 100

100 66.5 52.2 78.4



#52

Toluene

Concen: 1.204 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008689.D

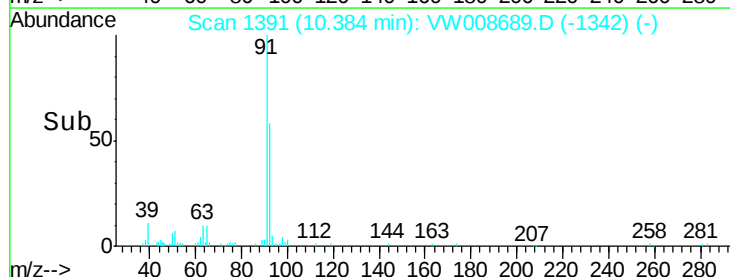
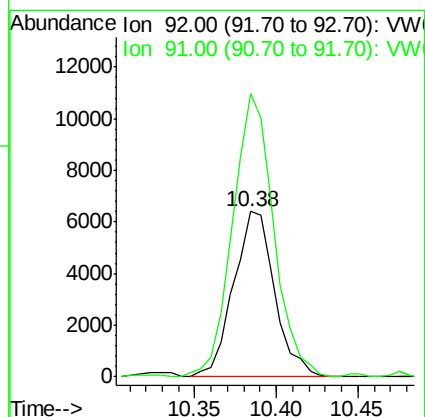
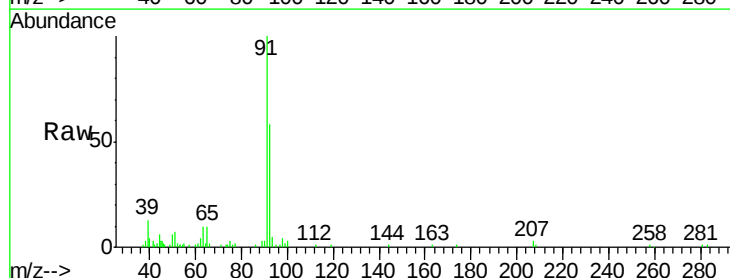
Acq: 15 Feb 2019 17:18

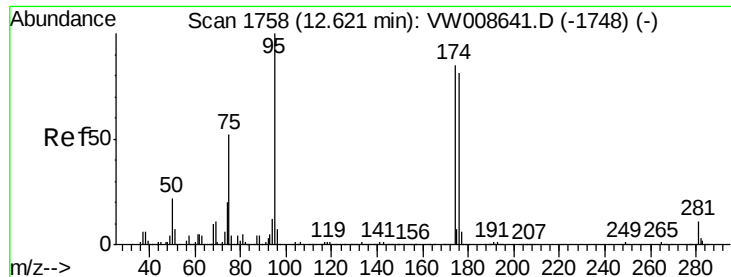
Tgt Ion: 92 Resp: 11230

Ion Ratio Lower Upper

92 100

91 170.8 135.8 203.6





#62

4-Bromofluorobenzene

Concen: 40.635 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008689.D

Acq: 15 Feb 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

TR-04-021419

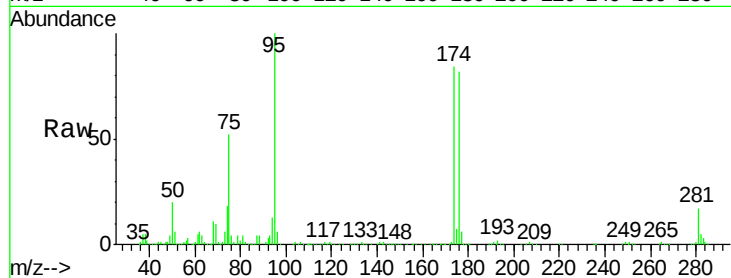
Tot Ion: 95 Resp: 193003

Ion Ratio Lower Upper

95 100

174 83.8 0.0 163.2

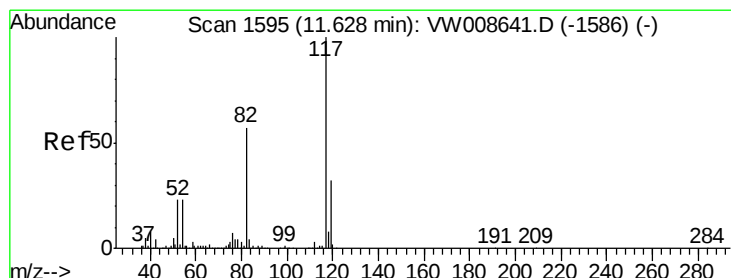
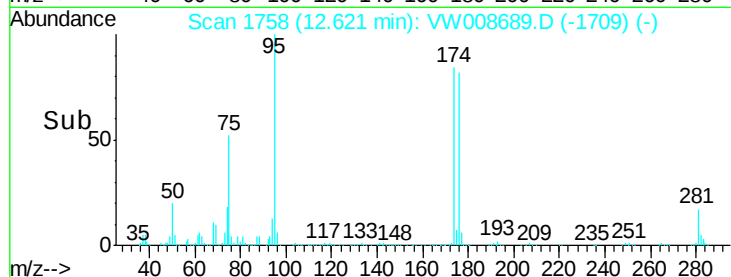
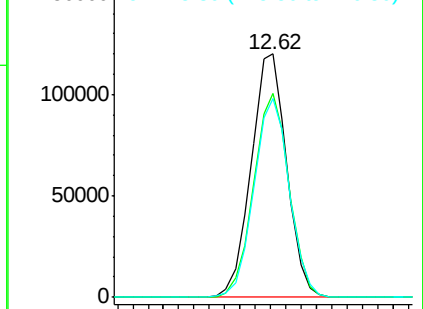
176 82.0 0.0 158.0



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. 0.01 min

Lab File: VW008689.D

Acq: 15 Feb 2019 17:18

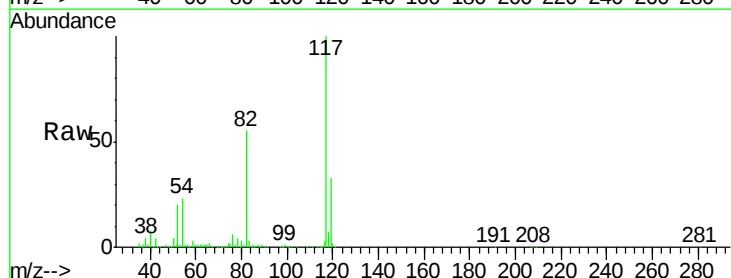
Tgt Ion: 117 Resp: 430698

Ion Ratio Lower Upper

117 100

82 54.7 45.6 68.4

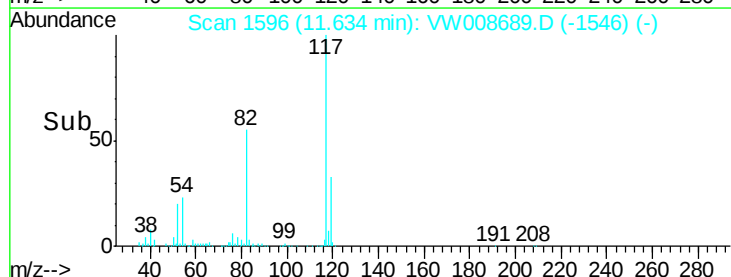
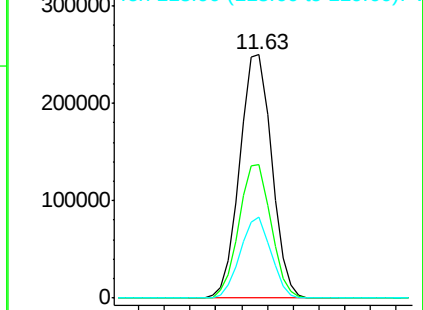
119 33.1 25.7 38.5

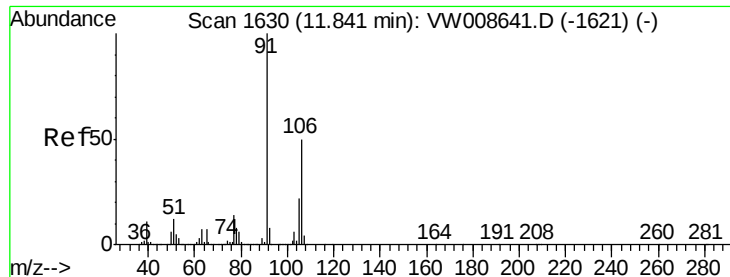


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

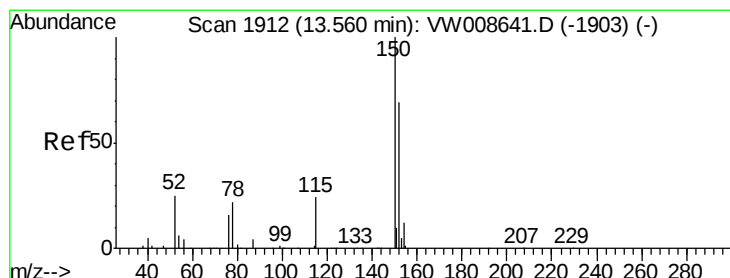
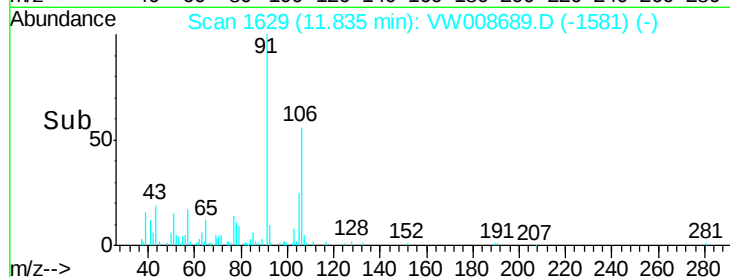
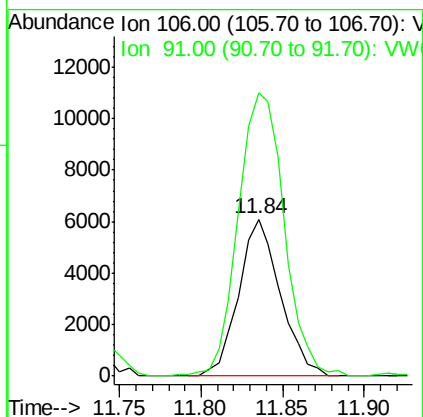
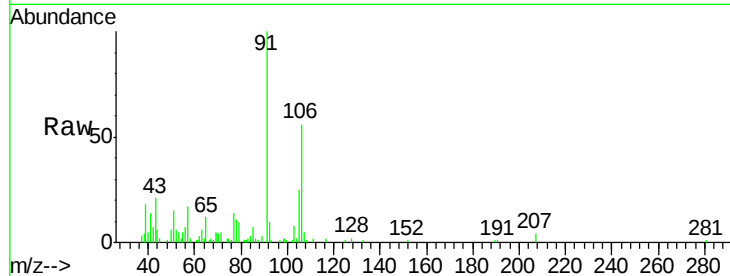




#68
m/p-Xvlenes
Concen: 1.689 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008689.D
Acq: 15 Feb 2019 17:18

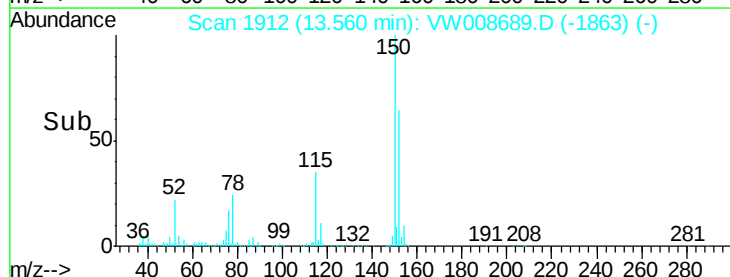
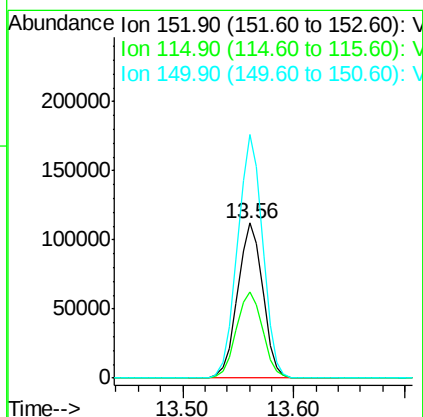
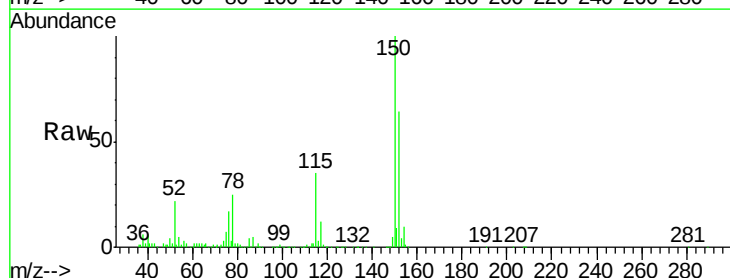
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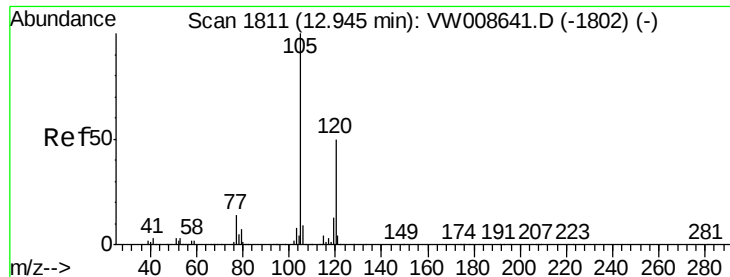
Tot Ion:106 Resp: 10865
Ion Ratio Lower Upper
106 100
91 198.8 161.0 241.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008689.D
Acq: 15 Feb 2019 17:18

Tgt Ion:152 Resp: 176263
Ion Ratio Lower Upper
152 100
115 57.8 29.3 87.8
150 155.9 0.0 352.8

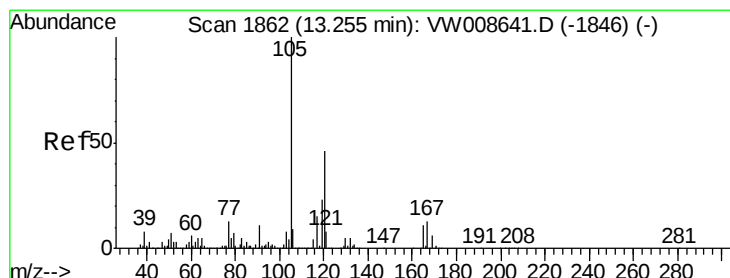
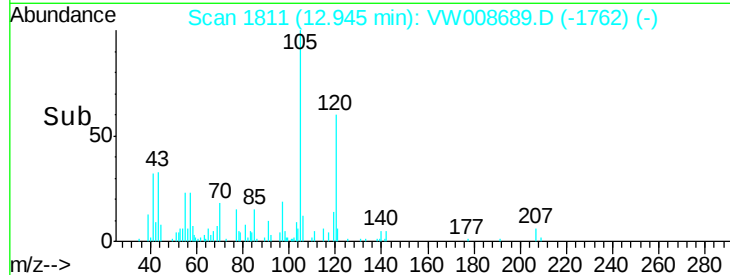
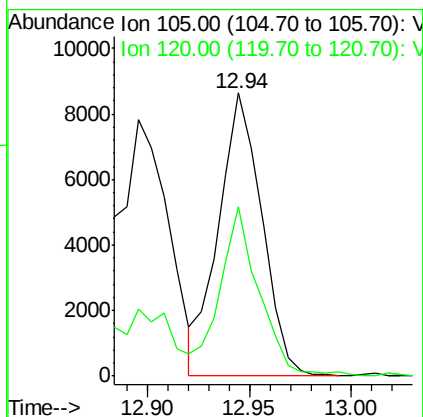
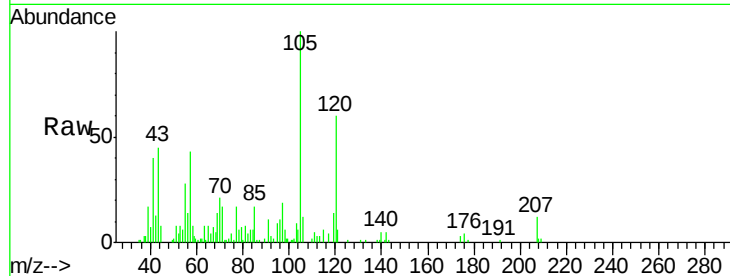




#80
 1,3,5-Trimethylbenzene
 Concen: 1.168 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008689.D
 Acq: 15 Feb 2019 17:18

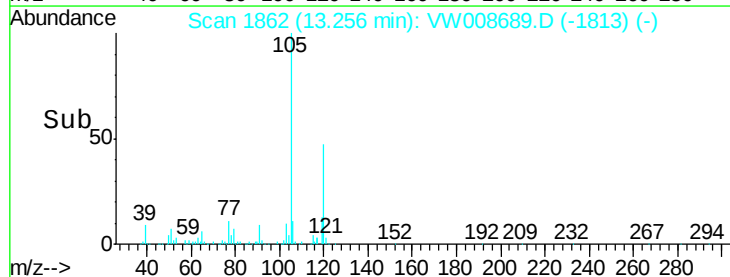
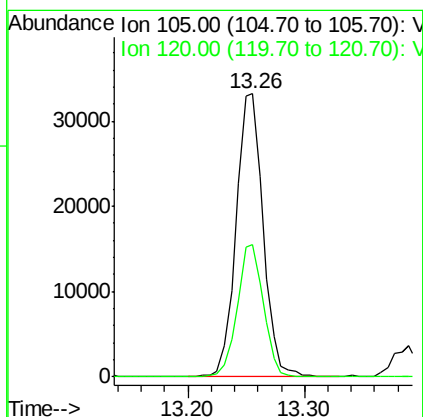
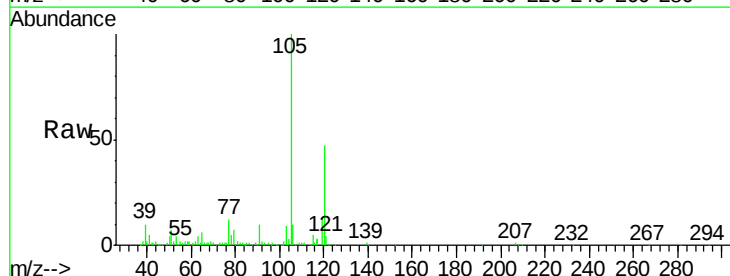
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-021419

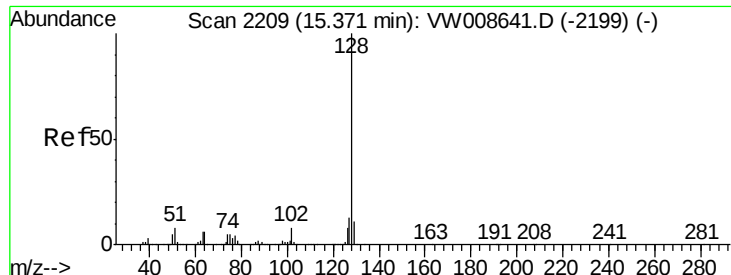
Tot Ion:105 Resp: 12736
 Ion Ratio Lower Upper
 105 100
 120 54.0 24.6 73.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.786 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008689.D
 Acq: 15 Feb 2019 17:18

Tgt Ion:105 Resp: 53644
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.9 68.8





#95

Naphthalene

Concen: 2.436 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008689.D

Acq: 15 Feb 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

TR-04-021419

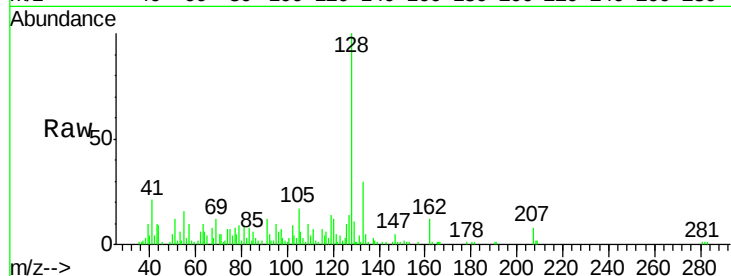
Tot Ion:128 Resp: 16847

Ion Ratio Lower Upper

128 100

127 14.4 10.9 16.3

129 10.2 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

