

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021919\
 Data File : VW008749.D
 Acq On : 19 Feb 2019 17:26
 Operator : SY/VA
 Sample : K1349-09
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-021919-A

Quant Time: Feb 20 07:08:42 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

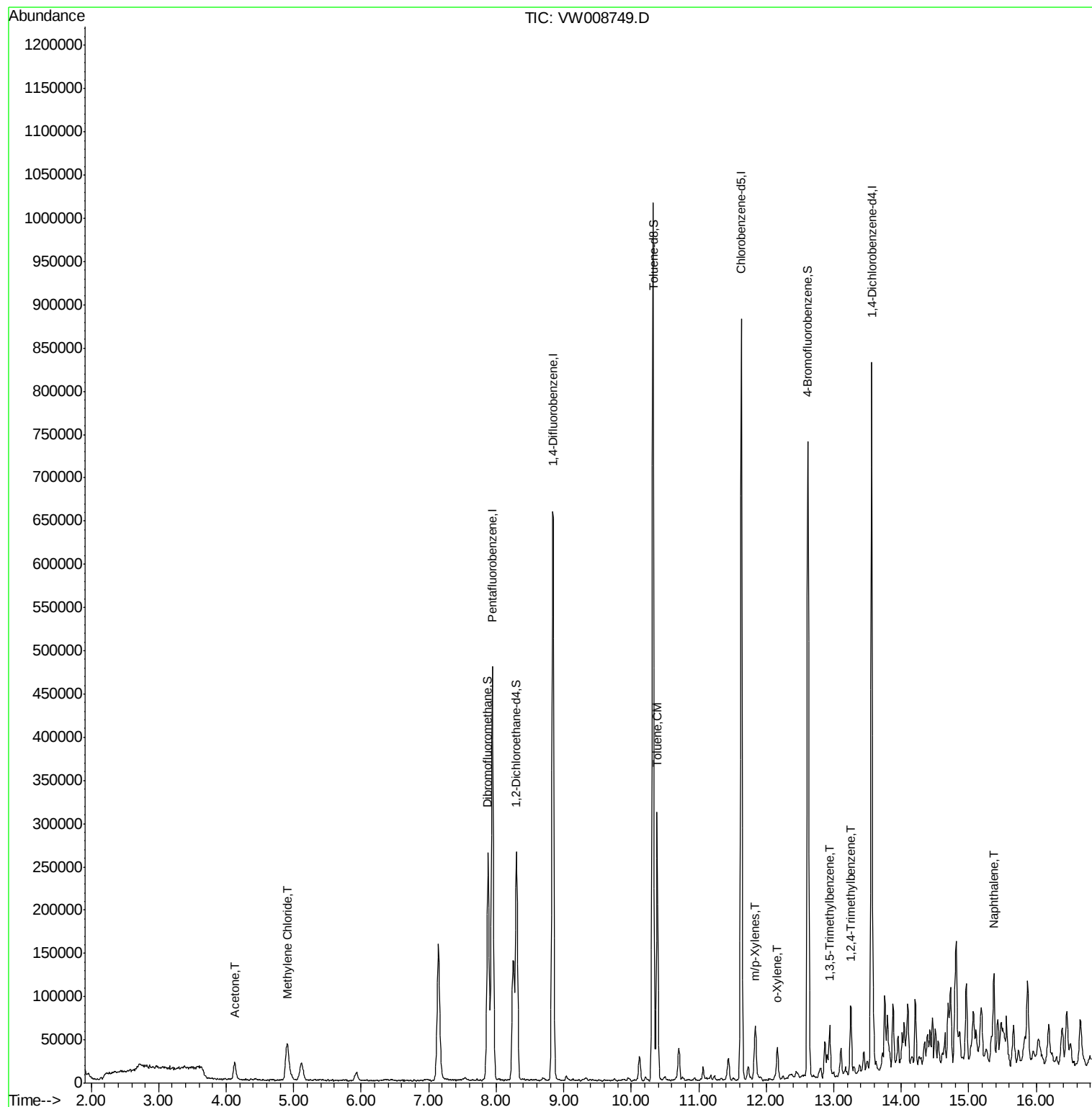
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	367932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	559284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	470326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	201795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	193153	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
35) Dibromofluoromethane	7.88	113	179341	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
50) Toluene-d8	10.32	98	656430	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.62	95	208852	41.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.84%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	35314	40.570	ug/l	98
20) Methylene Chloride	4.90	84	37011	2.825	ug/l	91
52) Toluene	10.38	92	128843	13.014	ug/l	98
68) m/p-Xylenes	11.83	106	17024	2.423	ug/l	96
69) o-Xylene	12.16	106	8854	1.333	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	16070	1.287	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	44399	3.460	ug/l	98
95) Naphthalene	15.37	128	81153	10.251	ug/l	97

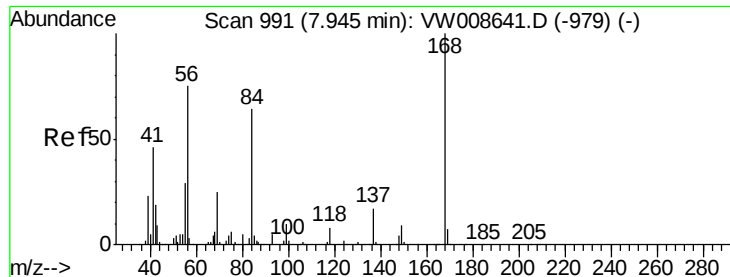
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021919\
Data File : VW008749.D
Acq On : 19 Feb 2019 17:26
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Quant Time: Feb 20 07:08:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
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: VW008749.D

Acq: 19 Feb 2019 17:26

Instrument :

MSVOA_W

ClientSampleId :

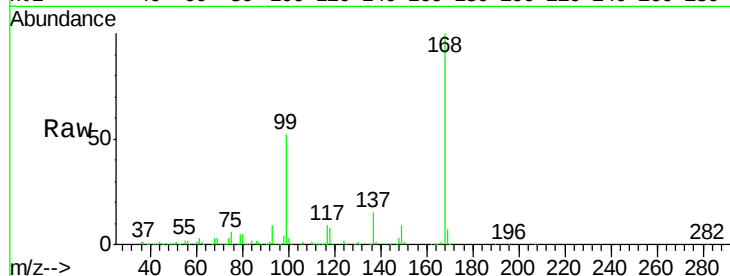
OR-02-021919-A

Tot Ion:168 Resp: 367932

Ion Ratio Lower Upper

168 100

99 51.8 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

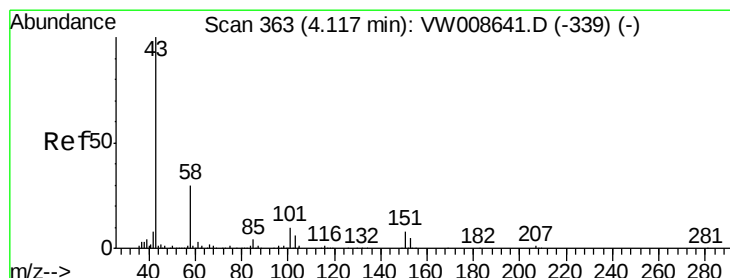
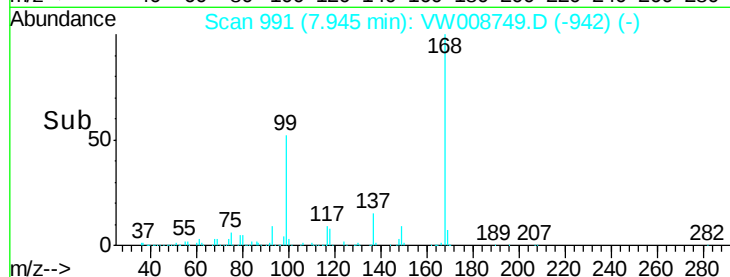
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 40.570 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008749.D

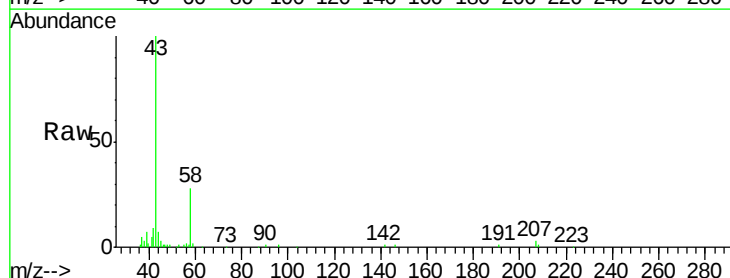
Acq: 19 Feb 2019 17:26

Tgt Ion: 43 Resp: 35314

Ion Ratio Lower Upper

43 100

58 28.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

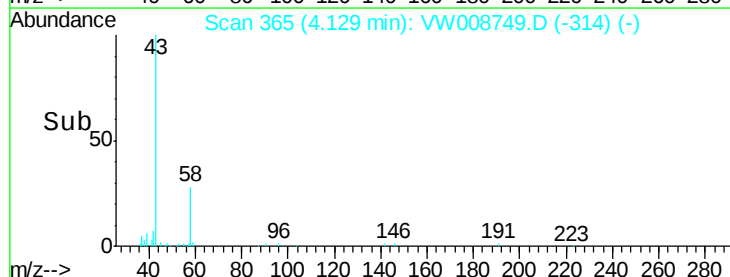
15000

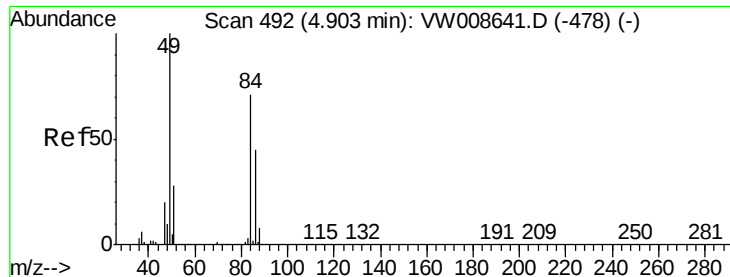
10000

5000

0

Time-->

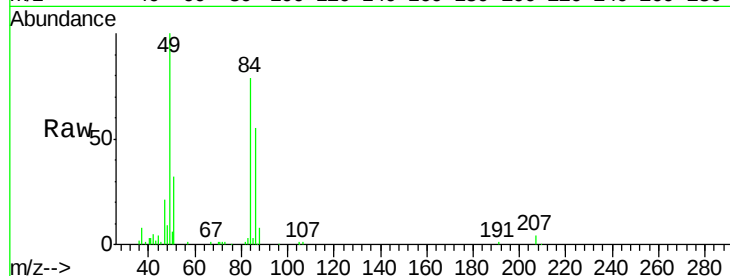




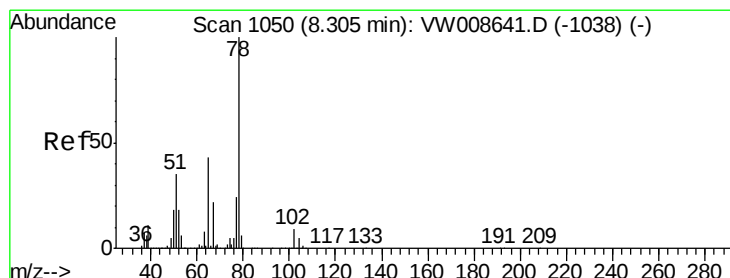
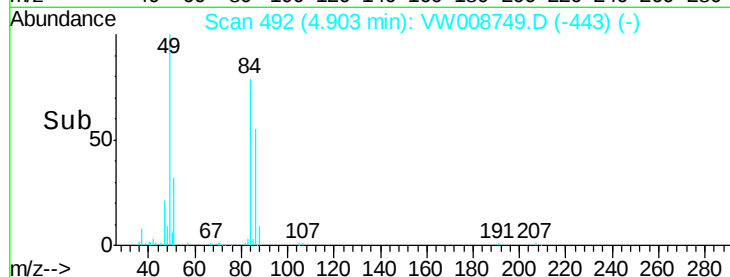
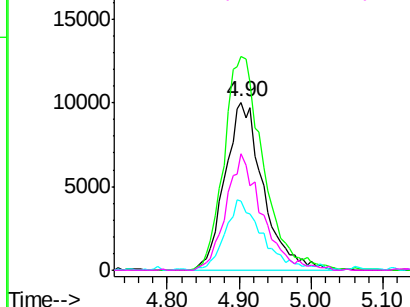
#20
Methvlene Chloride
Concen: 2.825 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW008749.D
Acq: 19 Feb 2019 17:26

Instrument :
MSVOA_W
ClientSampleId :
OR-02-021919-A

Tot Ion: 84 Resp: 37011
Ion Ratio Lower Upper
84 100
49 127.1 113.3 169.9
51 41.1 32.1 48.1
86 69.6 50.9 76.3

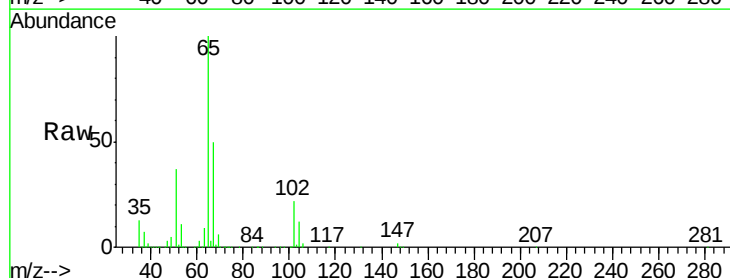


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

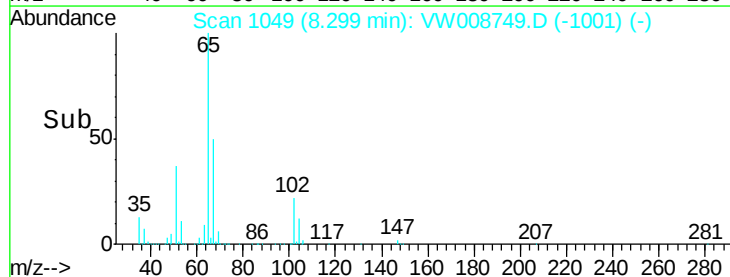
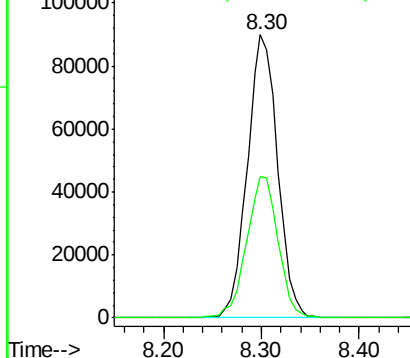


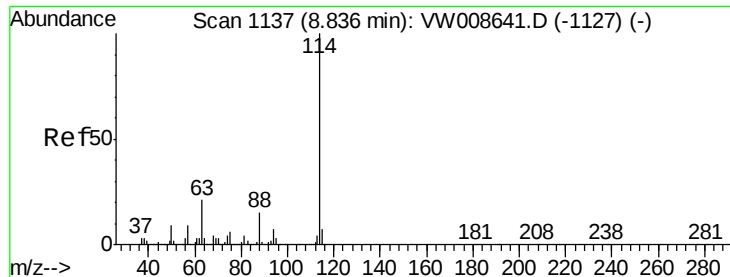
#33
1,2-Dichloroethane-d4
Concen: 50.496 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008749.D
Acq: 19 Feb 2019 17:26

Tgt Ion: 65 Resp: 193153
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

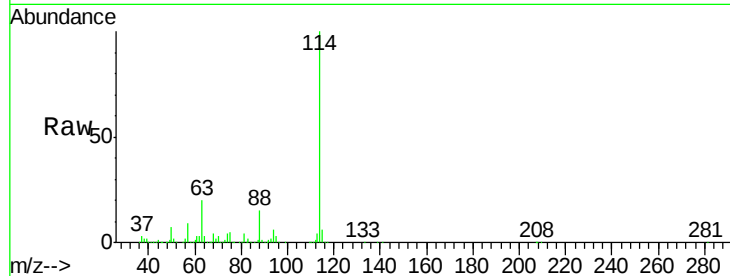




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008749.D
 Acq: 19 Feb 2019 17:26

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-021919-A

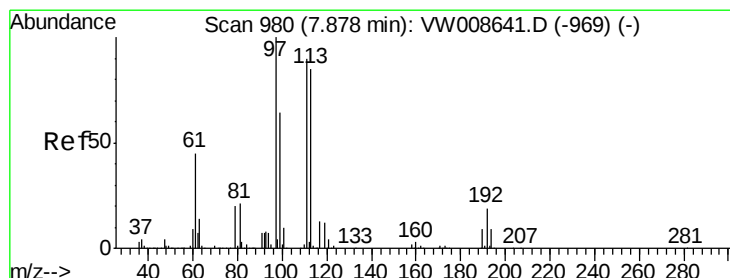
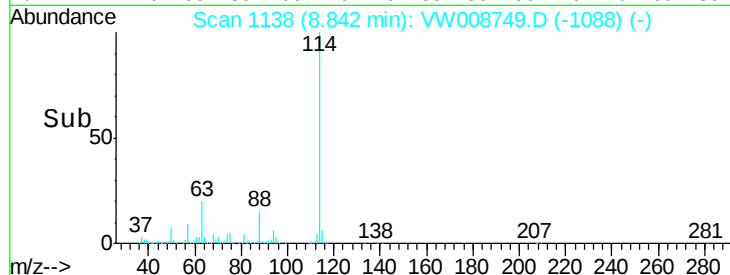
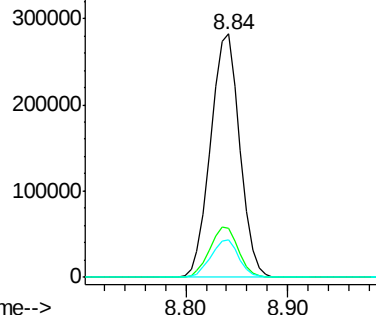
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.2
88	15.4	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

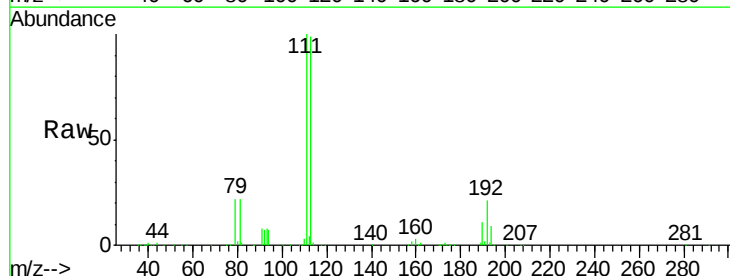
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 51.642 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW008749.D
 Acq: 19 Feb 2019 17:26

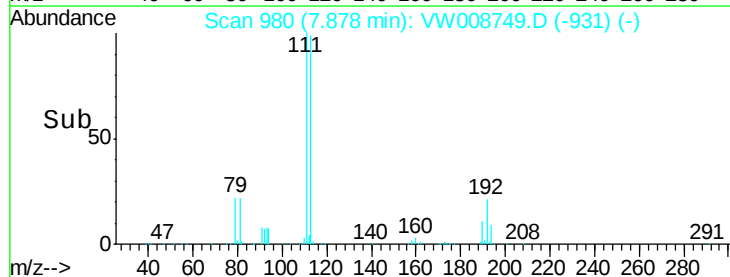
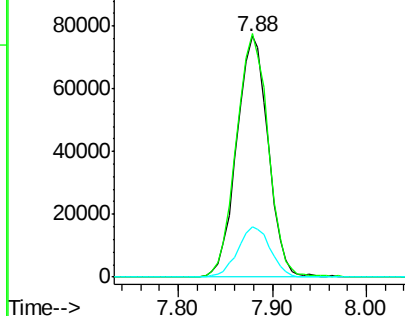
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.0	126.0
192	21.7	17.4	26.2

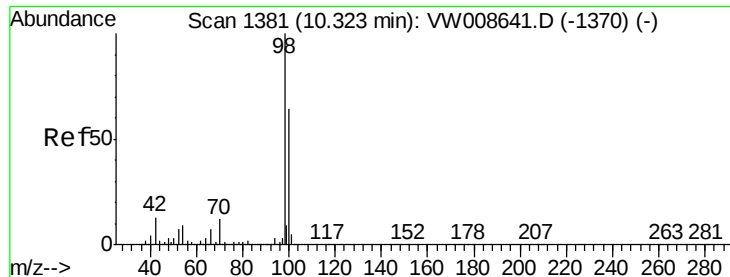


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.034 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008749.D

Acq: 19 Feb 2019 17:26

Instrument :

MSVOA_W

ClientSampleId :

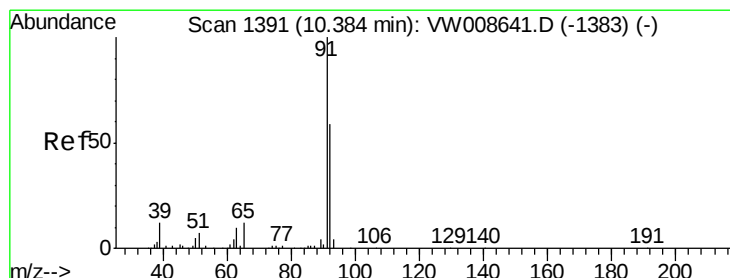
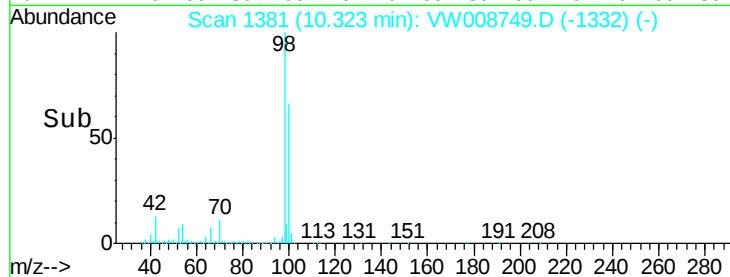
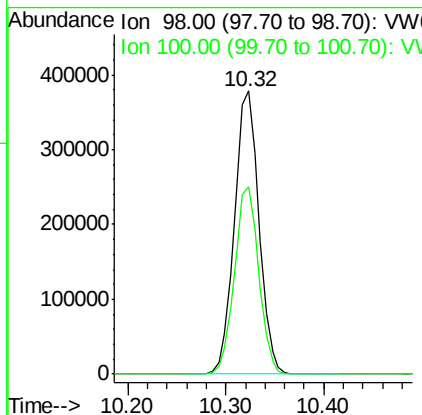
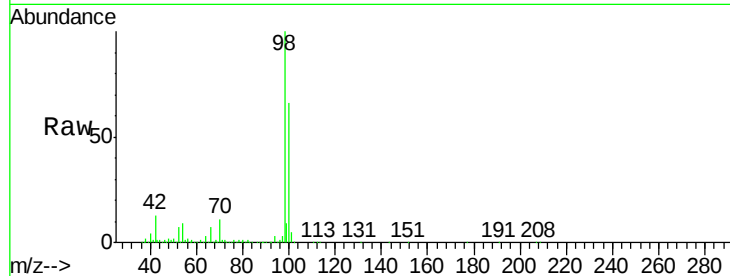
OR-02-021919-A

Tot Ion: 98 Resp: 656430

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4



#52

Toluene

Concen: 13.014 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW008749.D

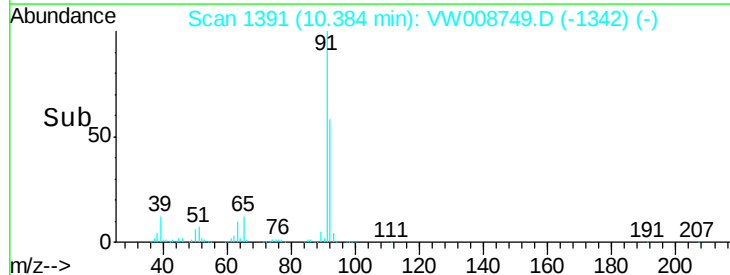
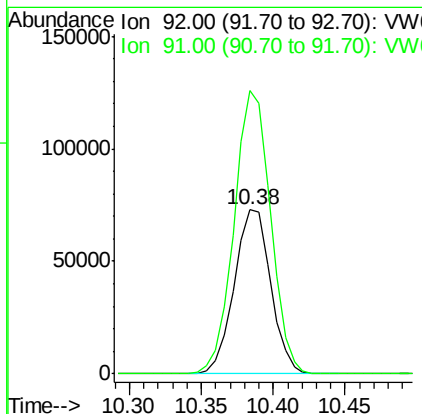
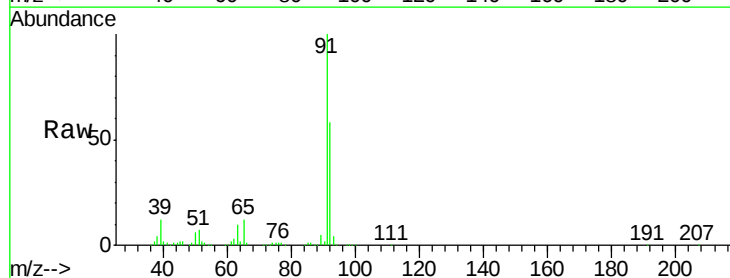
Acq: 19 Feb 2019 17:26

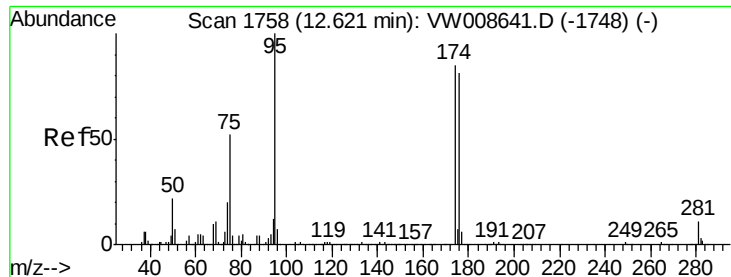
Tgt Ion: 92 Resp: 128843

Ion Ratio Lower Upper

92 100

91 172.3 135.8 203.6





#62

4-Bromofluorobenzene

Concen: 41.418 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008749.D

Acq: 19 Feb 2019 17:26

Instrument :

MSVOA_W

ClientSampleId :

OR-02-021919-A

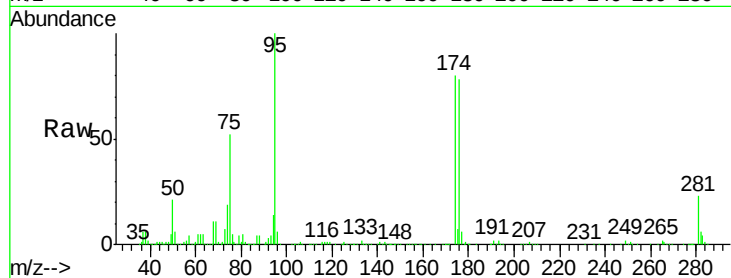
Tot Ion: 95 Resp: 208852

Ion Ratio Lower Upper

95 100

174 87.7 0.0 163.2

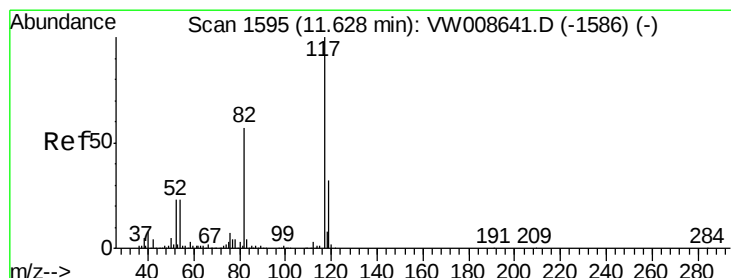
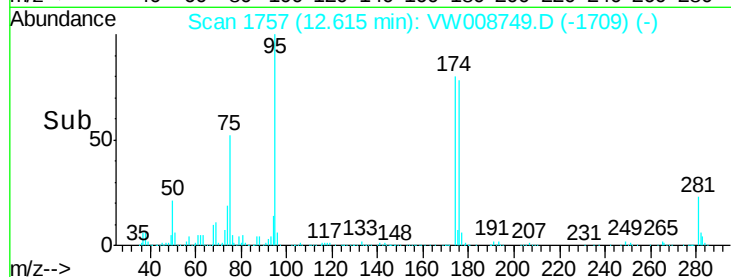
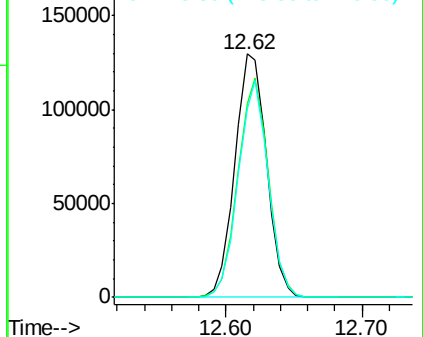
176 85.1 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW008749.D

Acq: 19 Feb 2019 17:26

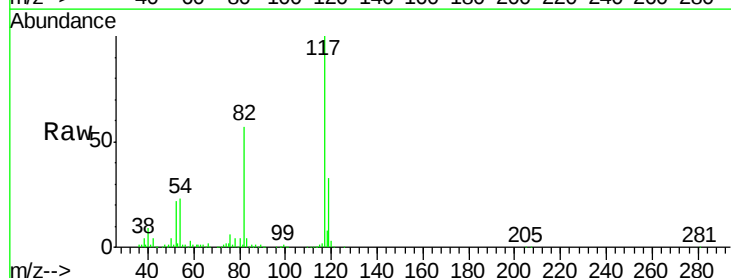
Tgt Ion: 117 Resp: 470326

Ion Ratio Lower Upper

117 100

82 56.8 45.6 68.4

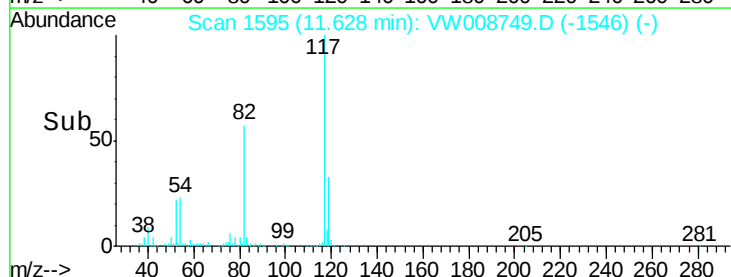
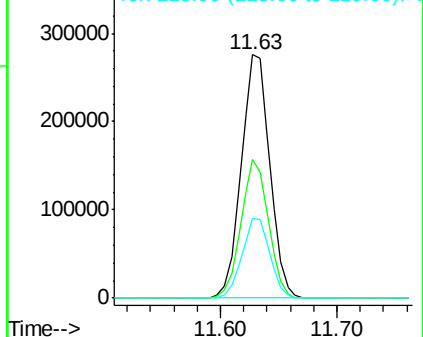
119 32.6 25.7 38.5

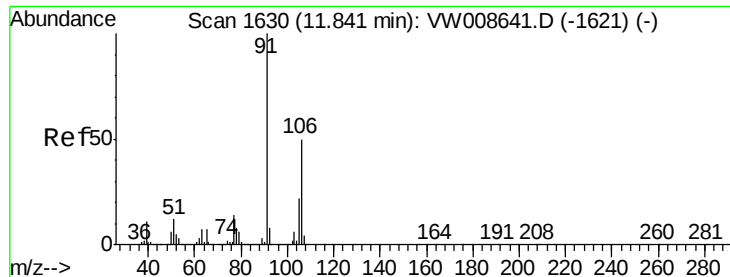


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V





#68

m/p-Xylenes

Concen: 2.423 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW008749.D

Acq: 19 Feb 2019 17:26

Instrument :

MSVOA_W

ClientSampleId :

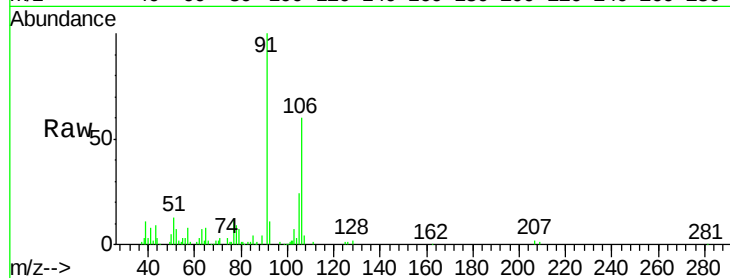
OR-02-021919-A

Tot Ion:106 Resp: 17024

Ion Ratio Lower Upper

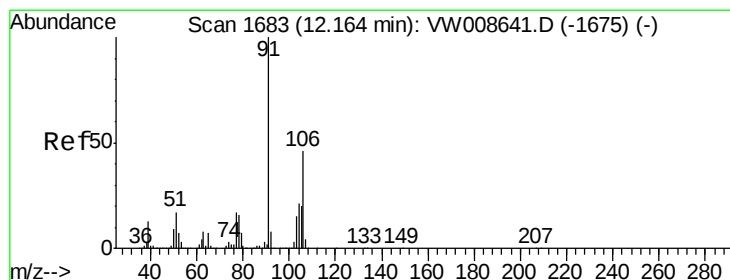
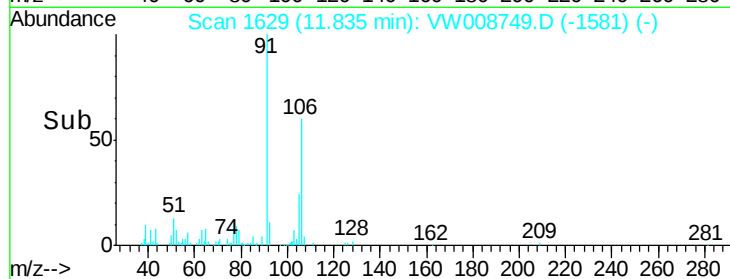
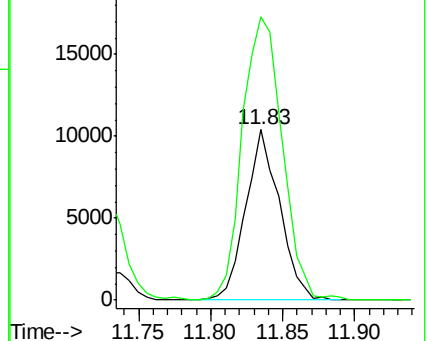
106 100

91 195.5 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 1.333 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW008749.D

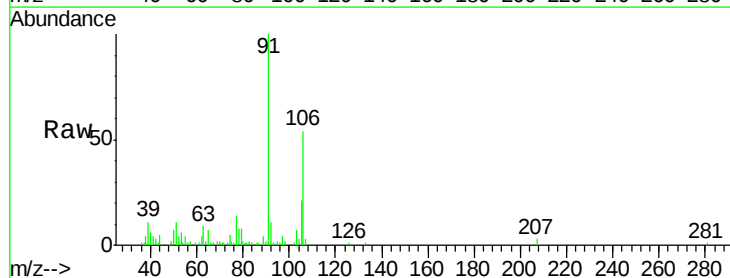
Acq: 19 Feb 2019 17:26

Tgt Ion:106 Resp: 8854

Ion Ratio Lower Upper

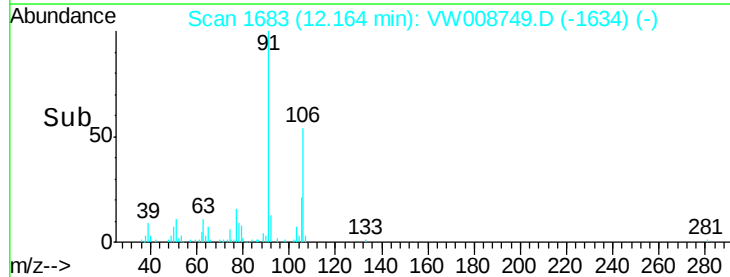
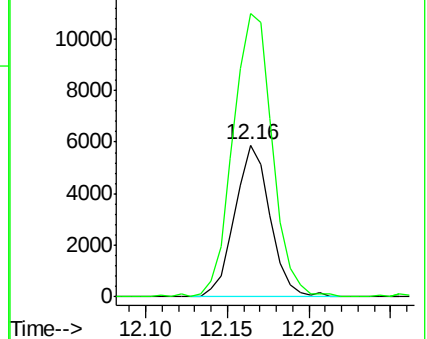
106 100

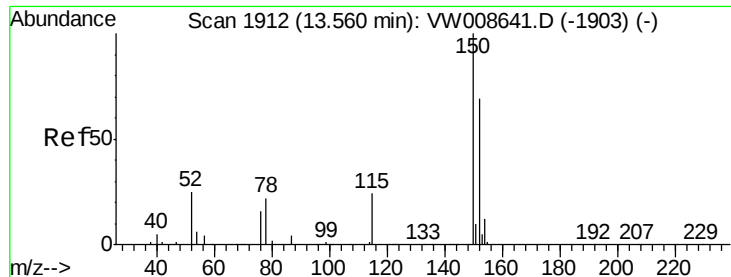
91 208.6 106.7 320.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008749.D

Acq: 19 Feb 2019 17:26

Instrument :

MSVOA_W

ClientSampleId :

OR-02-021919-A

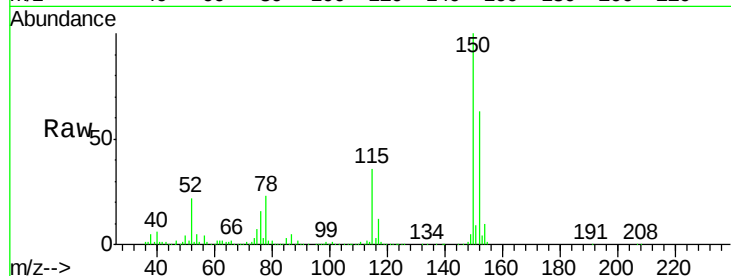
Tot Ion:152 Resp: 201795

Ion Ratio Lower Upper

152 100

115 58.9 29.3 87.8

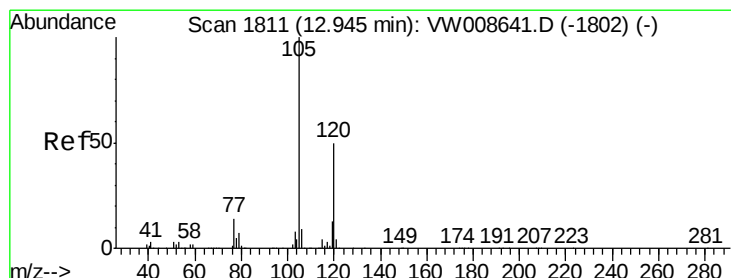
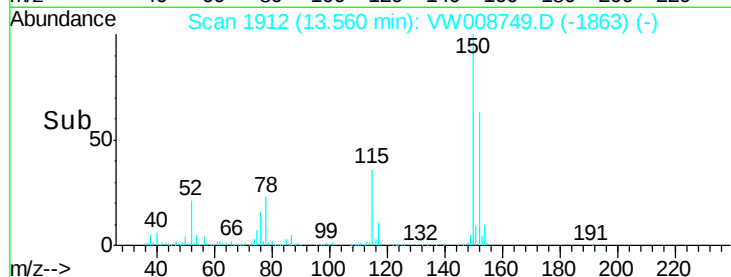
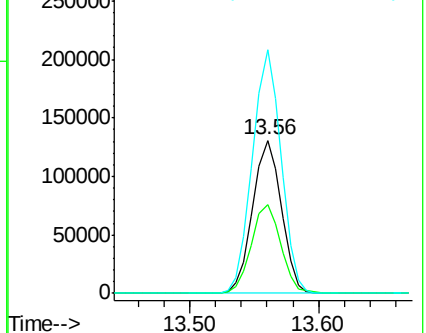
150 158.4 0.0 352.8



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: 1.287 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008749.D

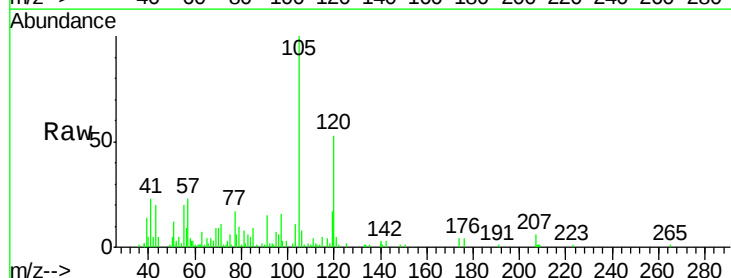
Acq: 19 Feb 2019 17:26

Tgt Ion:105 Resp: 16070

Ion Ratio Lower Upper

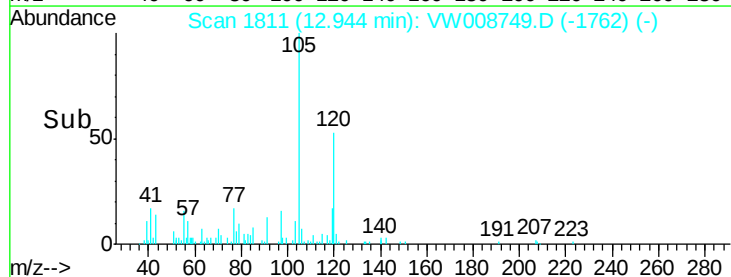
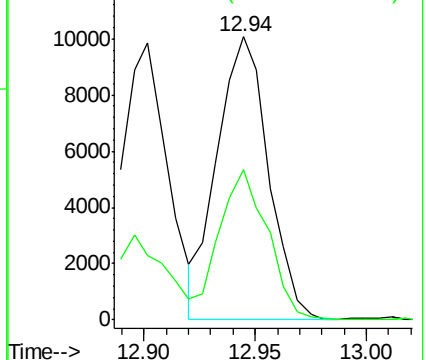
105 100

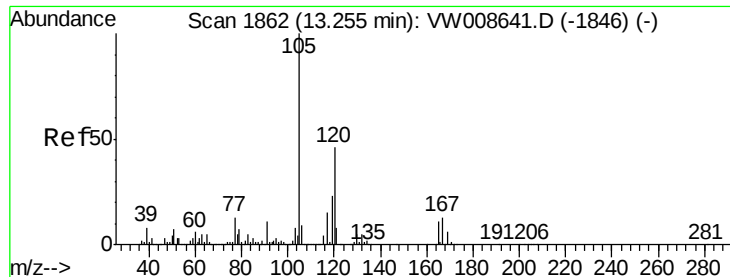
120 50.2 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

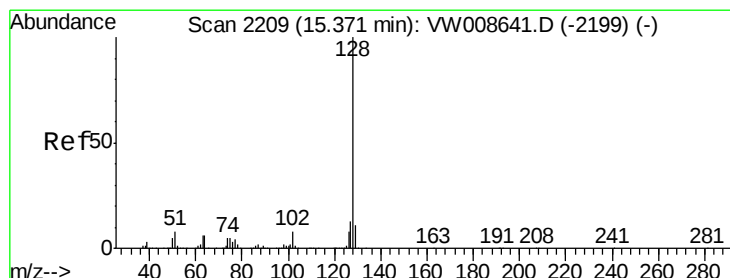
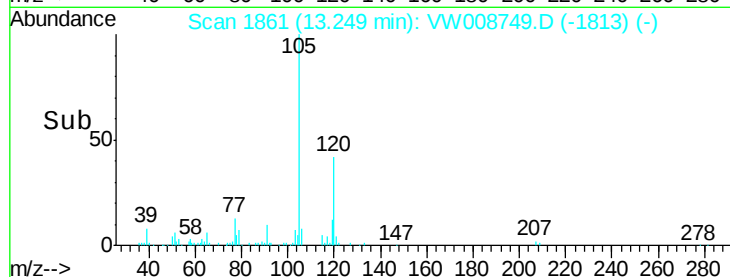
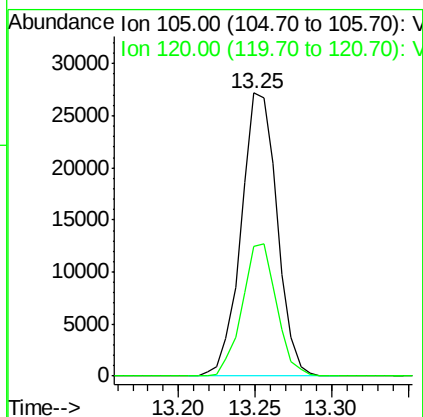
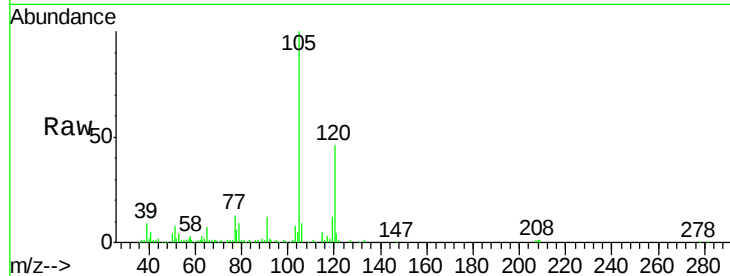




#84
 1,2,4-Trimethylbenzene
 Concen: 3.460 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW008749.D
 Acq: 19 Feb 2019 17:26

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-021919-A

Tot Ion:105 Resp: 44399
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.9 68.8



#95
 Naphthalene
 Concen: 10.251 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW008749.D
 Acq: 19 Feb 2019 17:26

Tgt Ion:128 Resp: 81153
 Ion Ratio Lower Upper
 128 100
 127 14.4 10.9 16.3
 129 12.4 8.7 13.1

