

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
 Data File : VW008635.D
 Acq On : 12 Feb 2019 20:46
 Operator : SY/VA
 Sample : K1343-23
 Misc : 6.93G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Feb 13 01:40:29 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

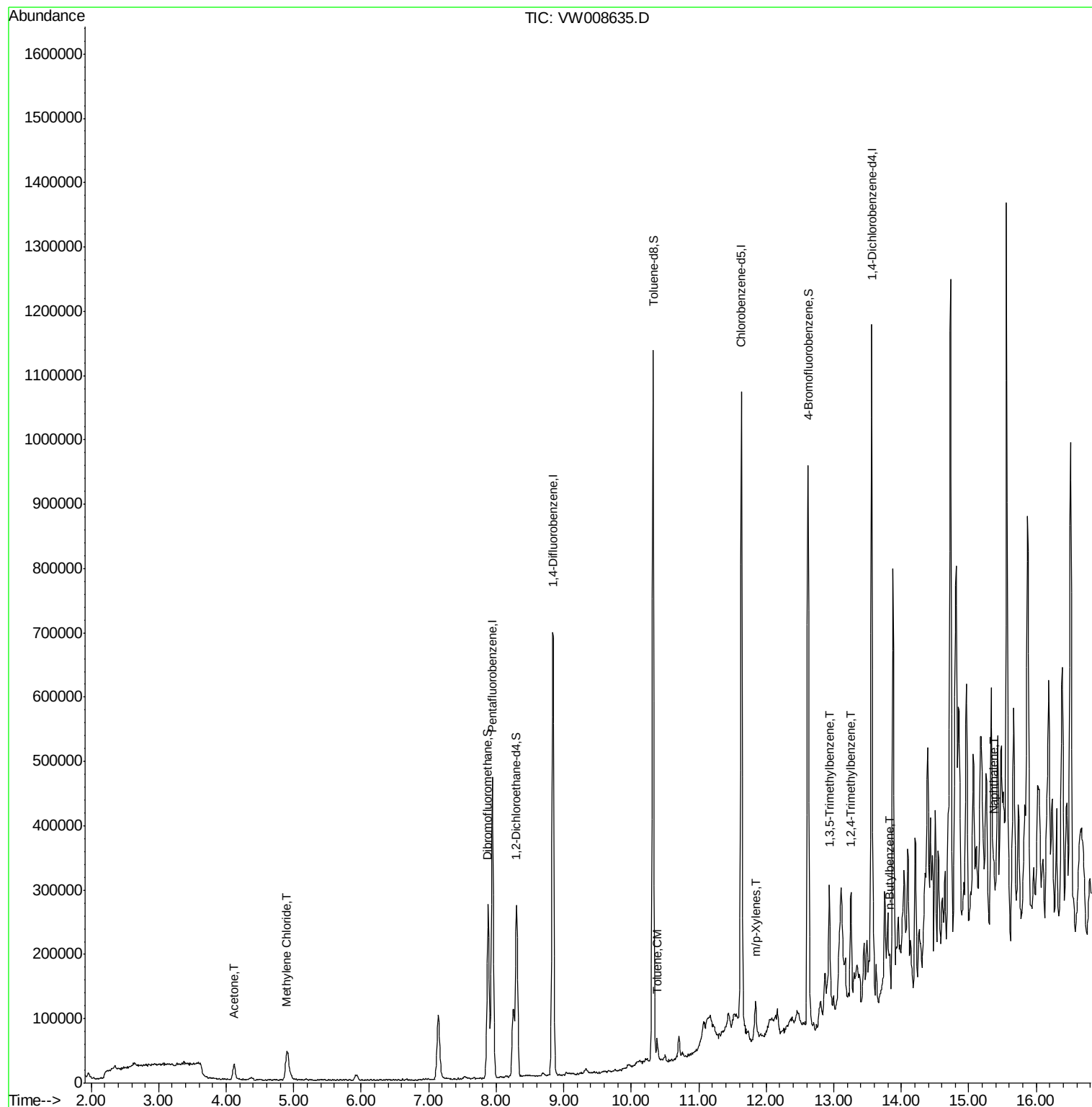
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	357779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	582713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	536894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	204550	58.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.40%	
35) Dibromofluoromethane	7.88	113	183158	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
50) Toluene-d8	10.32	98	696403	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.62	95	258849	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
Target Compounds						
16) Acetone	4.12	43	42363	53.671	ug/l	95
20) Methylene Chloride	4.90	84	37406	10.282	ug/l	98
52) Toluene	10.39	92	12967	1.286	ug/l	93
68) m/p-Xylenes	11.84	106	11306	1.446	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	22998	1.502	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	100352	6.450	ug/l	98
89) n-Butylbenzene	13.83	91	33415	1.997	ug/l #	81
95) Naphthalene	15.37	128	39462	4.407	ug/l #	97

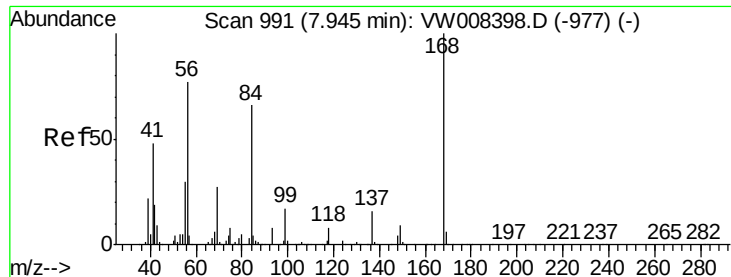
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021219\
Data File : VW008635.D
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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: VW008635.D

Acq: 12 Feb 2019 20:46

Instrument :

MSVOA_W

ClientSampleId :

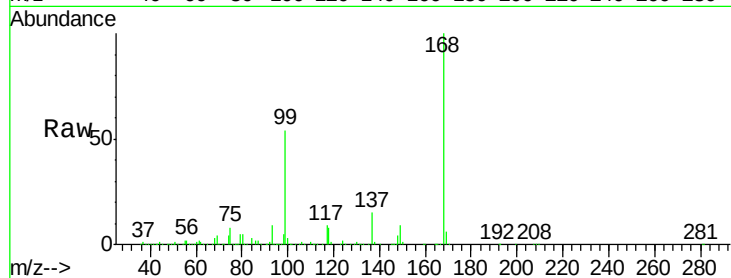
JC-02-021119-L

Tot Ion:168 Resp: 357779

Ion Ratio Lower Upper

168 100

99 53.5 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

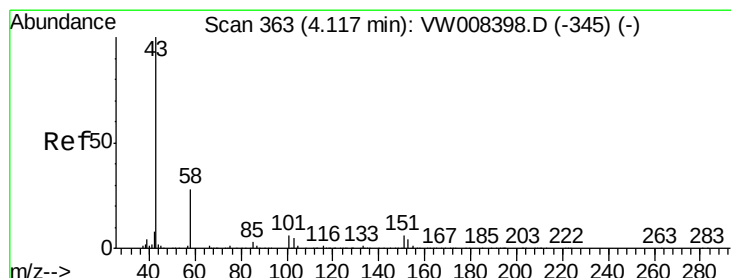
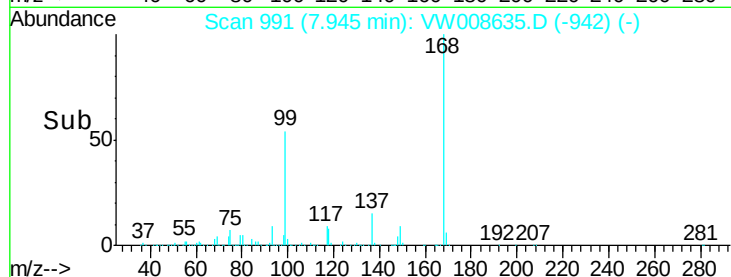
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 53.671 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008635.D

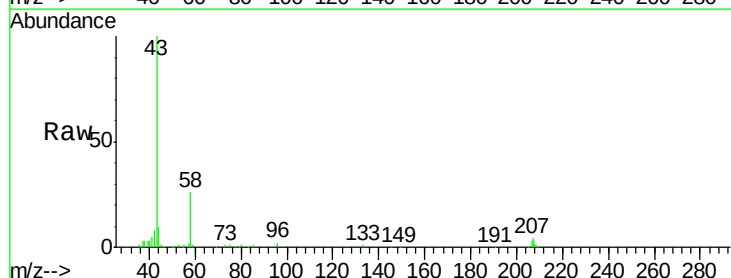
Acq: 12 Feb 2019 20:46

Tgt Ion: 43 Resp: 42363

Ion Ratio Lower Upper

43 100

58 25.6 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

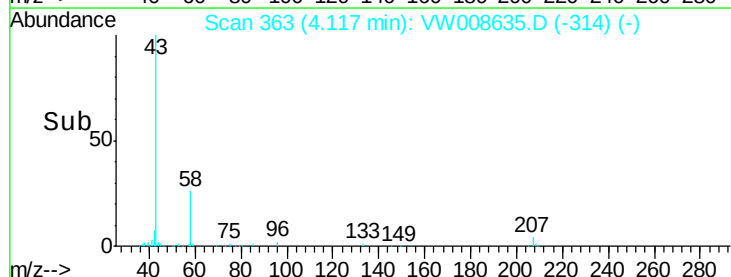
15000

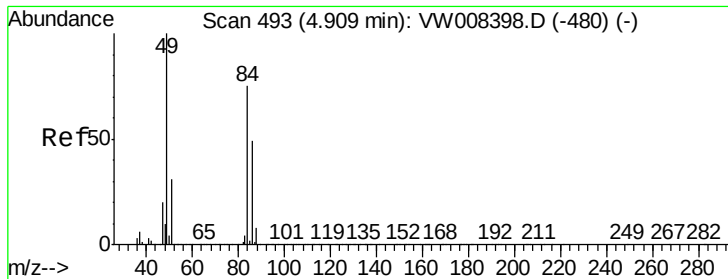
10000

5000

0

Time--> 4.00 4.10 4.20

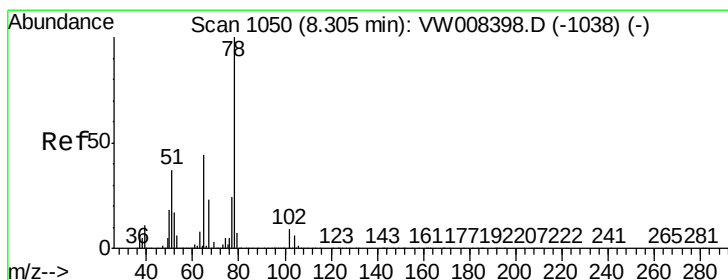
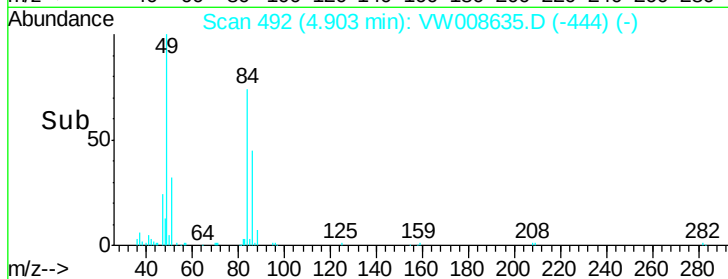
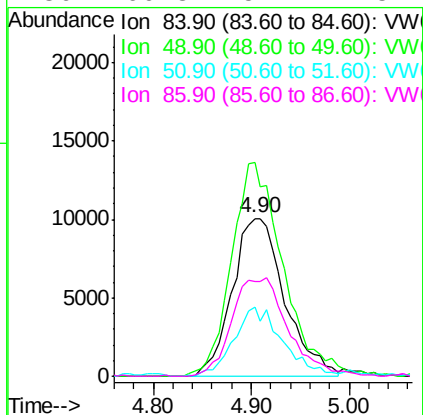
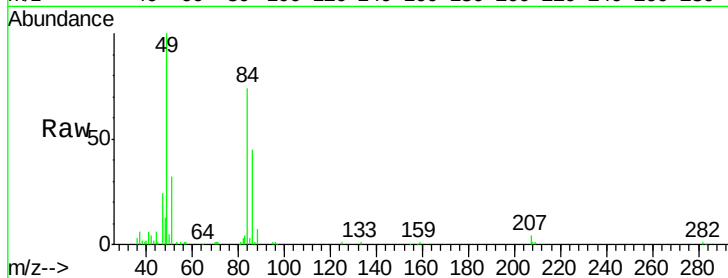




#20
Methylene Chloride
Concen: 10.282 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008635.D
Acq: 12 Feb 2019 20:46

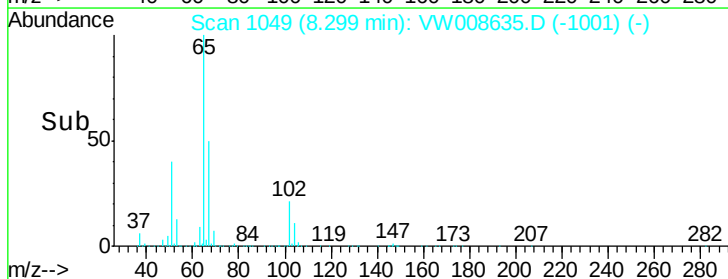
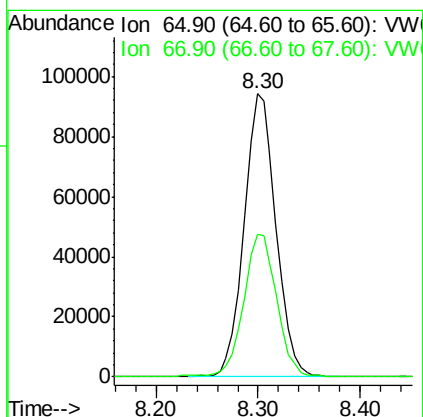
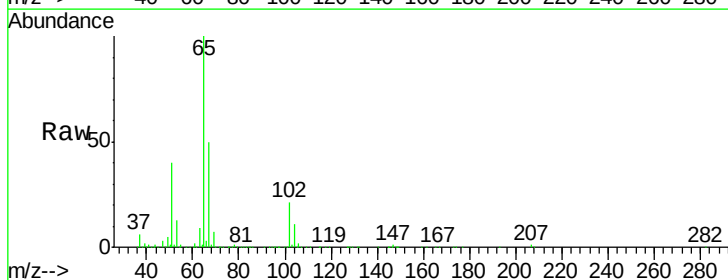
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-L

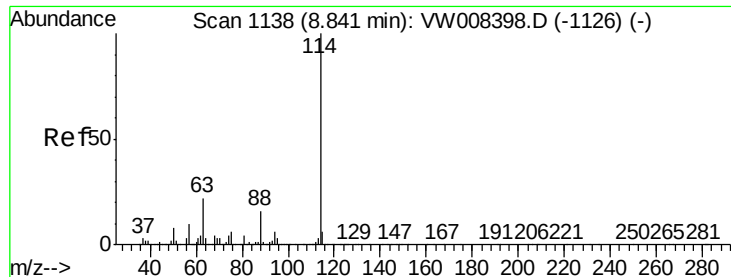
Tot Ion:	84	Resp:	37406
Ion	Ratio	Lower	Upper
84	100		
49	133.7	106.8	160.2
51	43.1	32.9	49.3
86	60.3	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 58.196 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008635.D
Acq: 12 Feb 2019 20:46

Tgt Ion:	65	Resp:	204550
Ion	Ratio	Lower	Upper
65	100		
67	52.2	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: VW008635.D

Acq: 12 Feb 2019 20:46

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-L

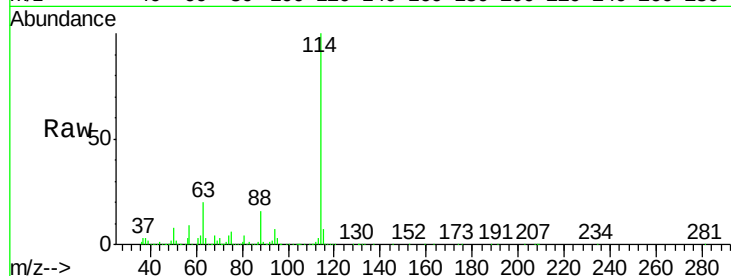
Tot Ion:114 Resp: 582713

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.6

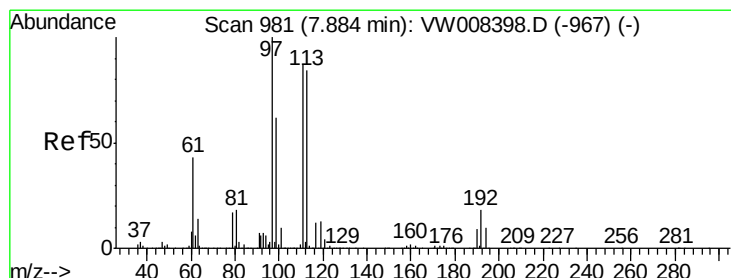
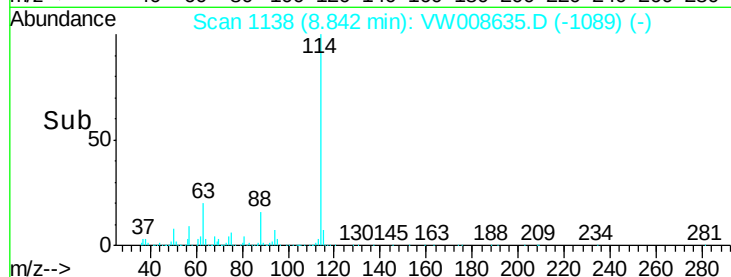
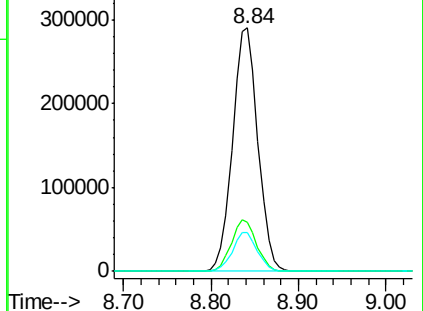
88 15.7 0.0 31.8



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: 53.754 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008635.D

Acq: 12 Feb 2019 20:46

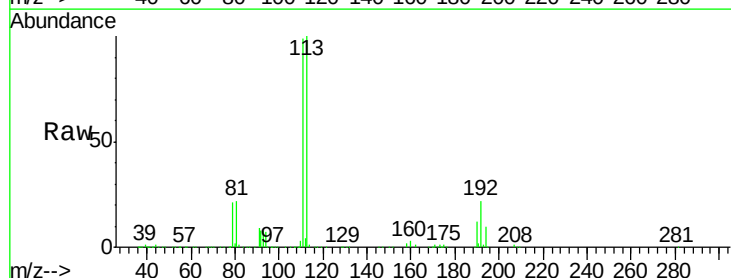
Tgt Ion:113 Resp: 183158

Ion Ratio Lower Upper

113 100

111 102.9 81.0 121.4

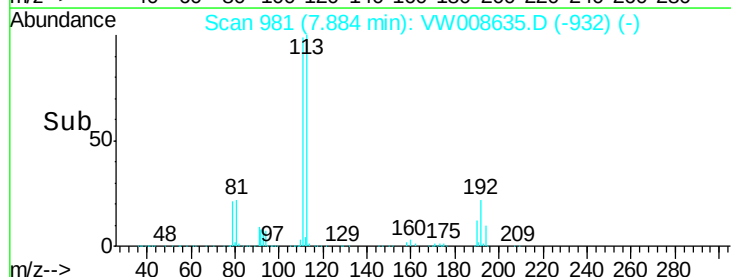
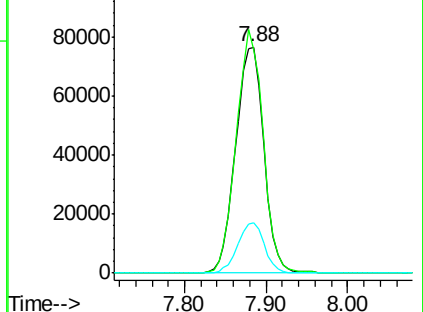
192 21.1 16.8 25.2

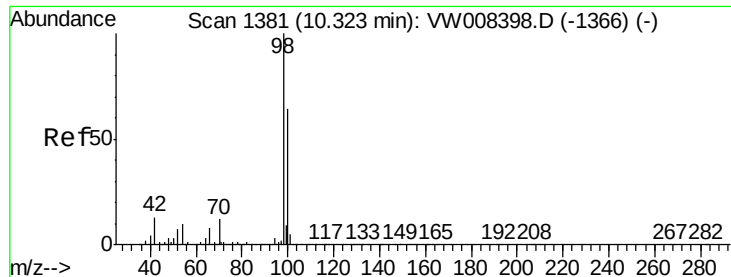


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

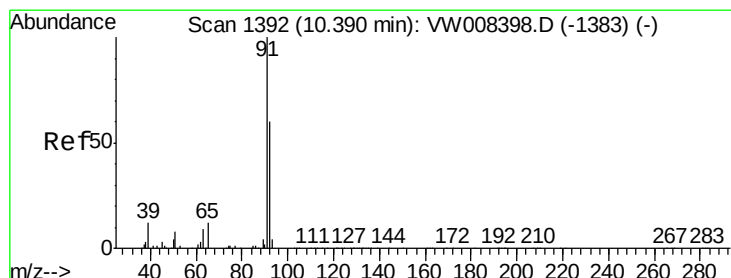
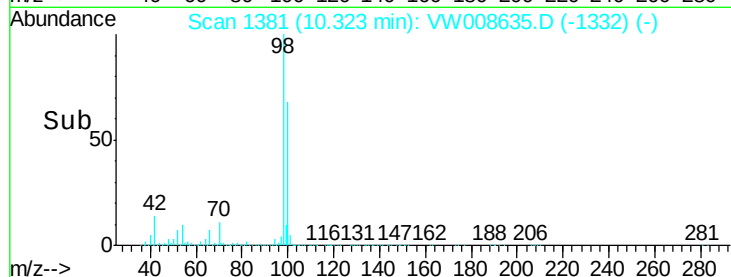
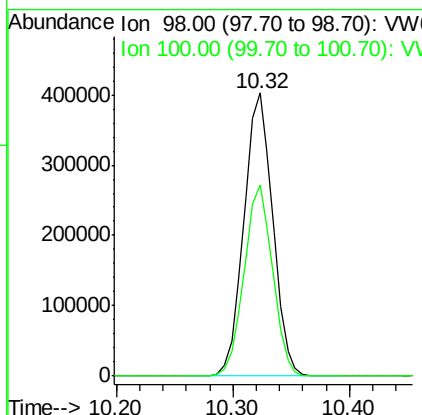
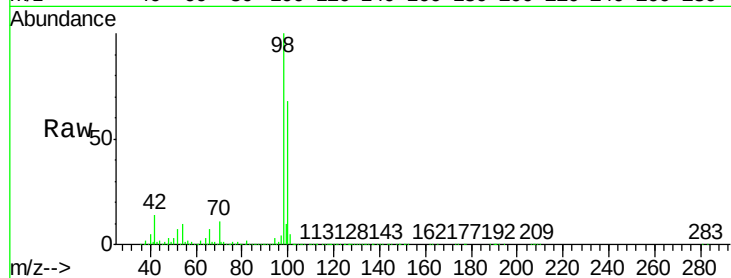




#50
Toluene-d8
Concen: 50.968 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008635.D
Acq: 12 Feb 2019 20:46

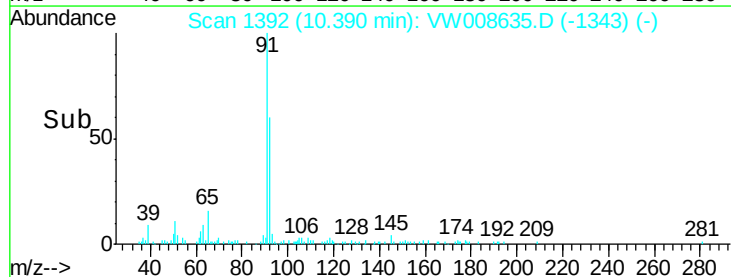
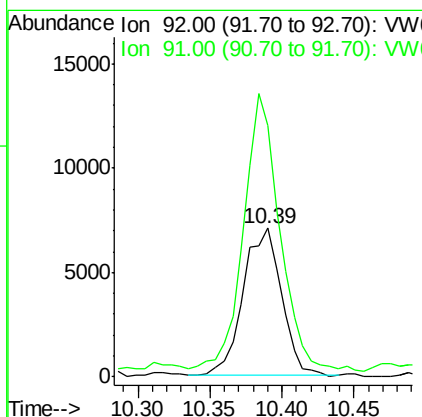
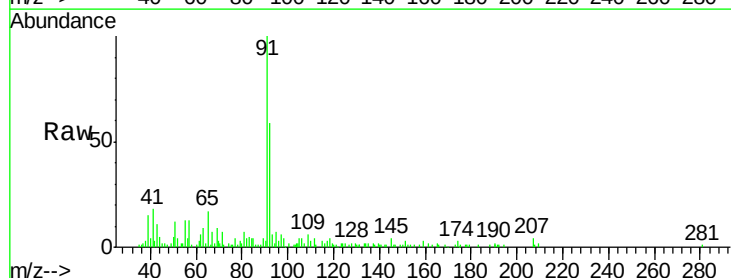
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-L

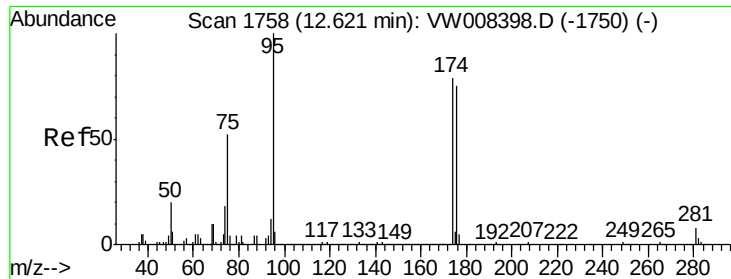
Tot Ion: 98 Resp: 696403
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#52
Toluene
Concen: 1.286 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008635.D
Acq: 12 Feb 2019 20:46

Tgt Ion: 92 Resp: 12967
Ion Ratio Lower Upper
92 100
91 178.7 135.5 203.3

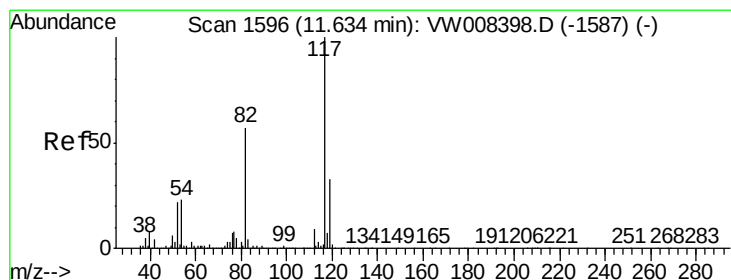
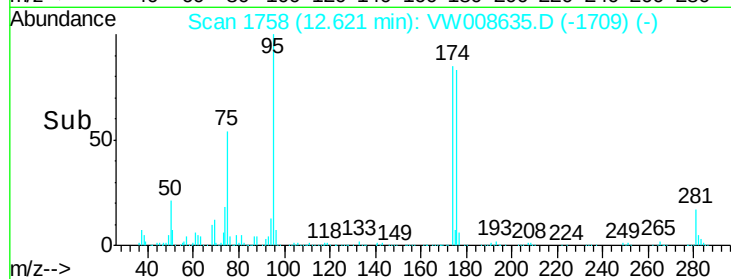
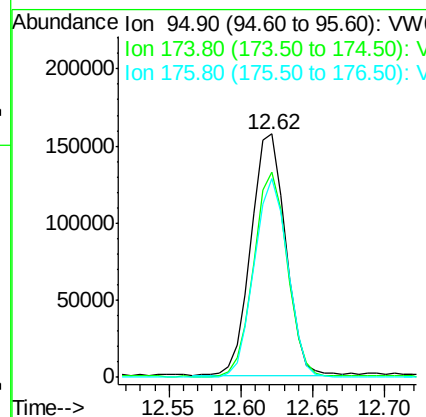
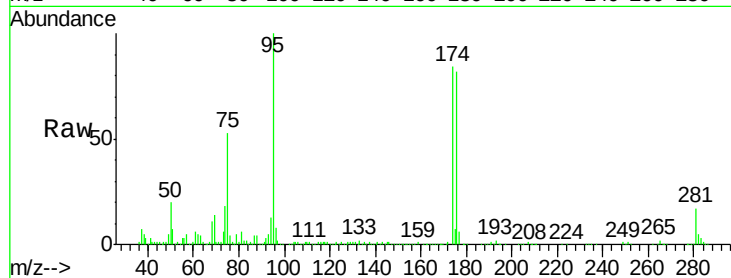




#62
4-Bromofluorobenzene
Concen: 49.286 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008635.D
Acq: 12 Feb 2019 20:46

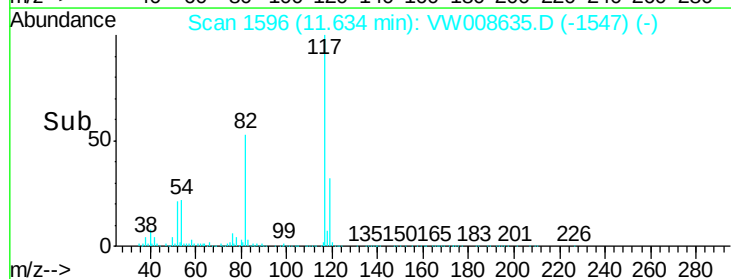
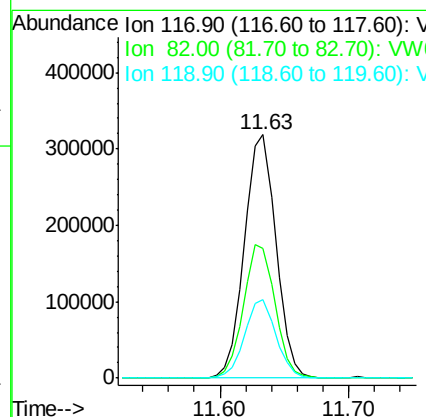
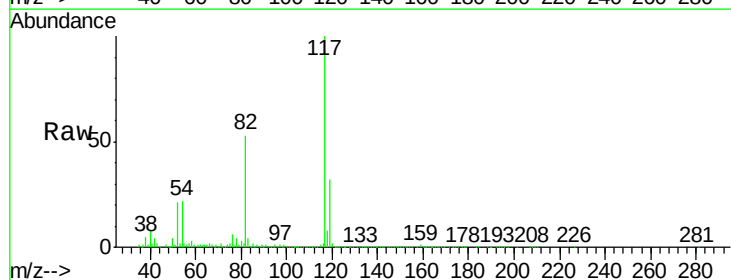
Instrument :
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ClientSampleId :
JC-02-021119-L

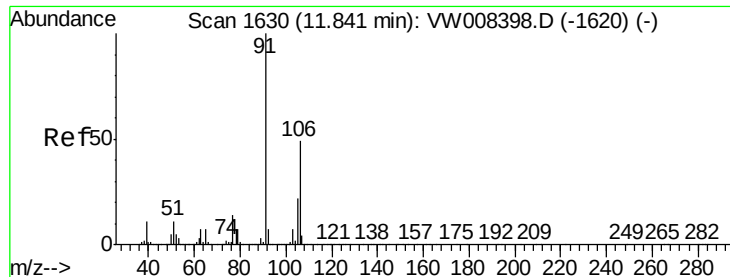
Tot Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	157.6
176	80.6	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008635.D
Acq: 12 Feb 2019 20:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.4	68.0
119	31.9	26.2	39.4

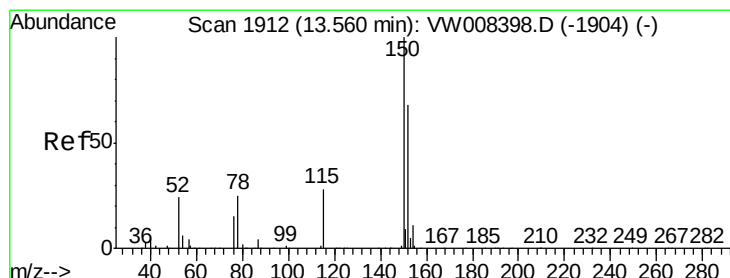
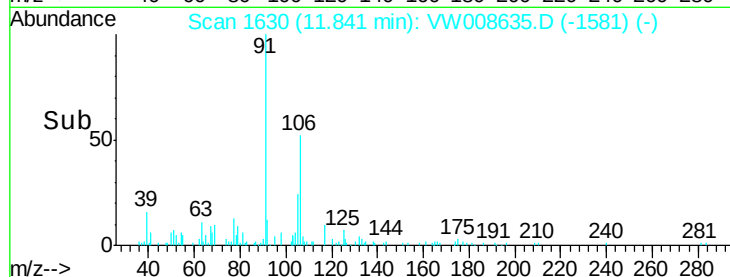
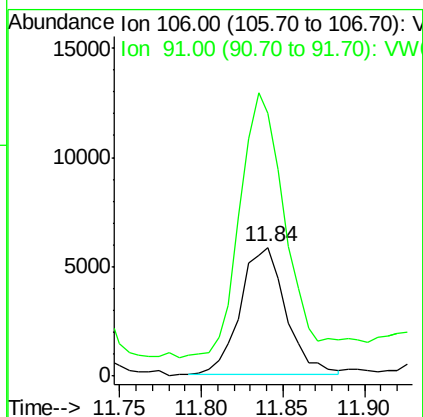
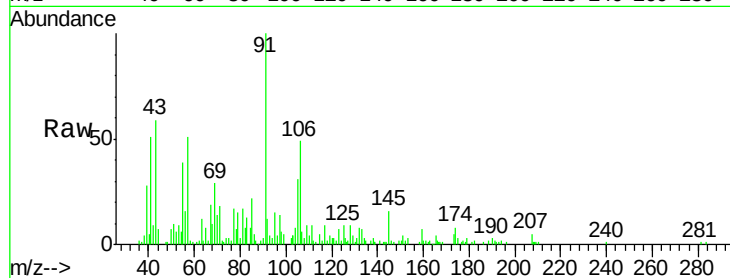




#68
m/p-Xvlenes
Concen: 1.446 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008635.D
Acq: 12 Feb 2019 20:46

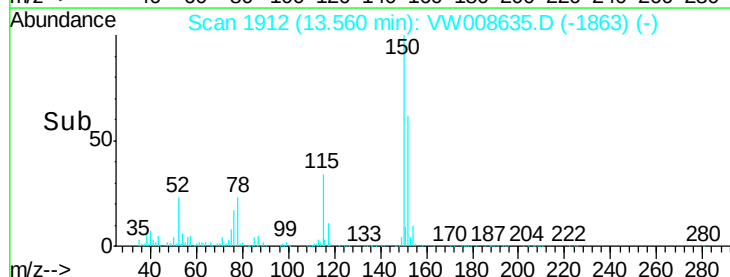
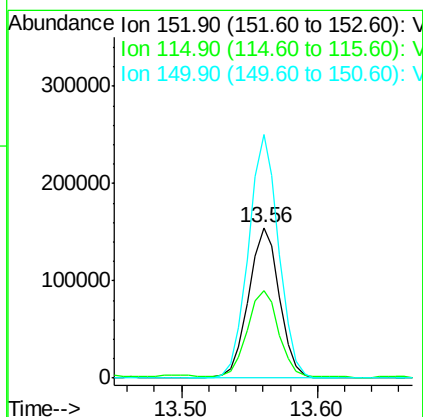
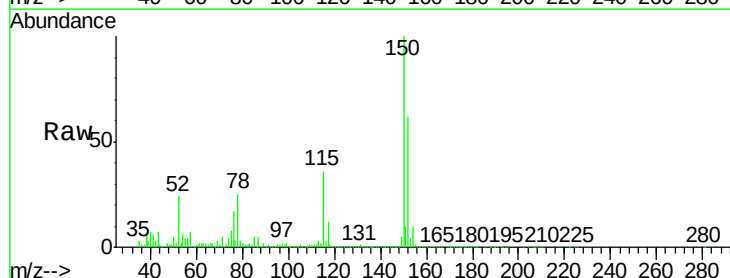
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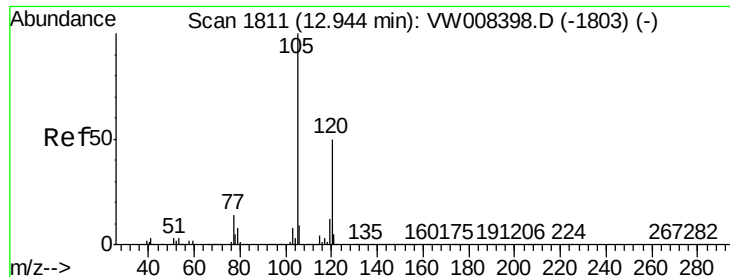
Tot Ion:106 Resp: 11306
Ion Ratio Lower Upper
106 100
91 208.5 162.9 244.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008635.D
Acq: 12 Feb 2019 20:46

Tgt Ion:152 Resp: 245646
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.7
150 158.2 0.0 351.4

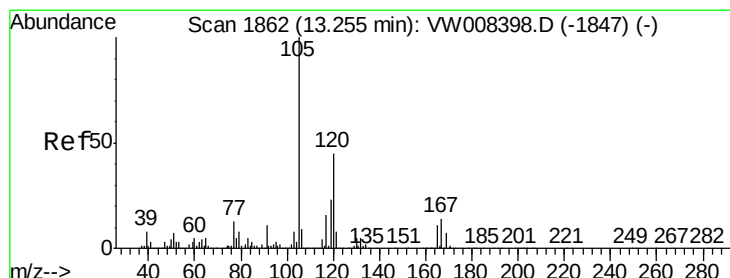
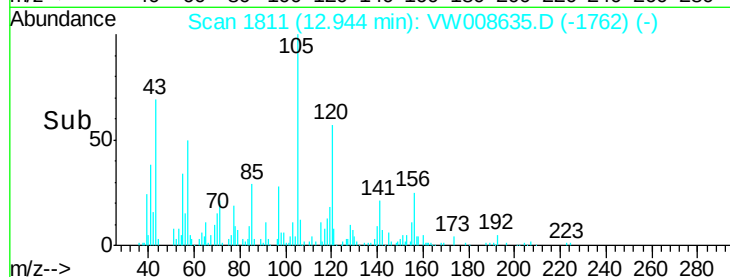
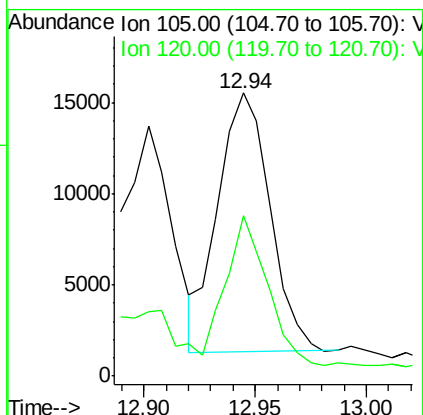
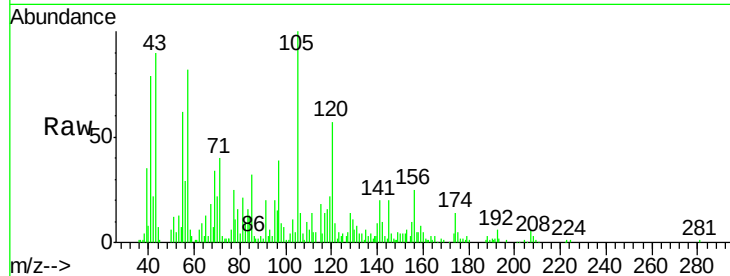




#80
 1,3,5-Trimethylbenzene
 Concen: 1.502 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008635.D
 Acq: 12 Feb 2019 20:46

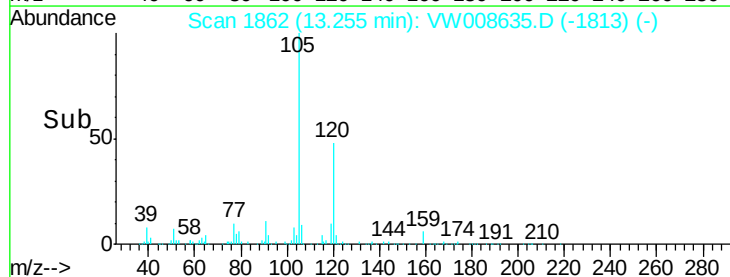
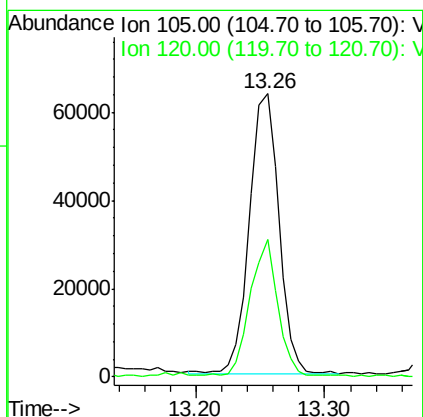
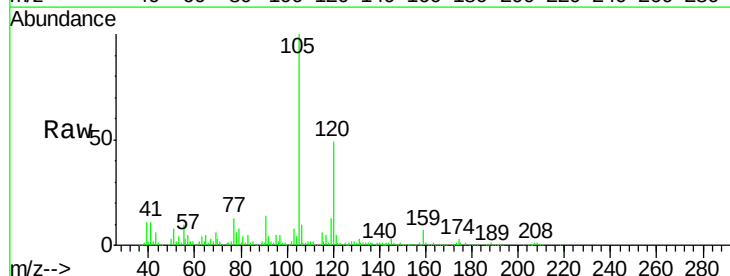
Instrument :
 MSVOA_W
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 JC-02-021119-L

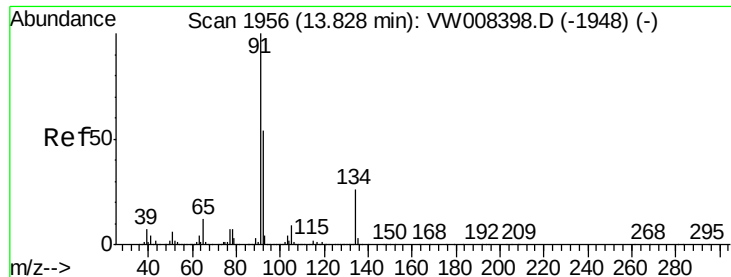
Tot Ion:105 Resp: 22998
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.6 73.8



#84
 1,2,4-Trimethylbenzene
 Concen: 6.450 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008635.D
 Acq: 12 Feb 2019 20:46

Tgt Ion:105 Resp: 100352
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.1 69.2





#89

n-Butylbenzene

Concen: 1.997 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008635.D

Acq: 12 Feb 2019 20:46

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-L

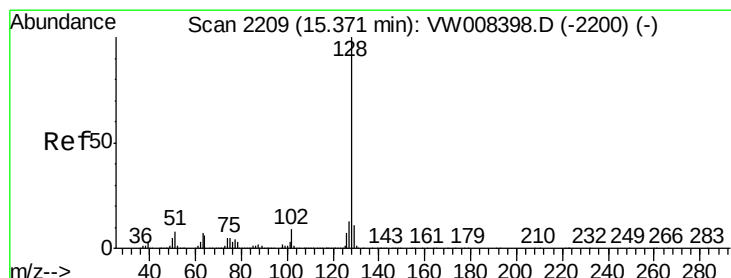
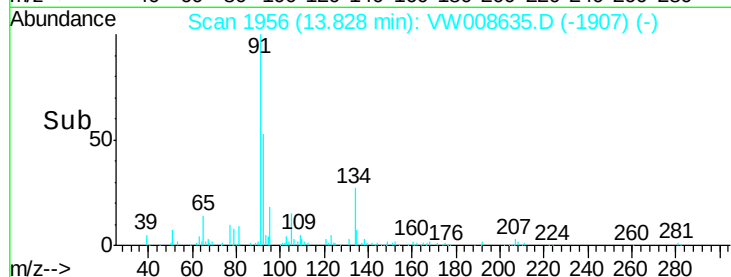
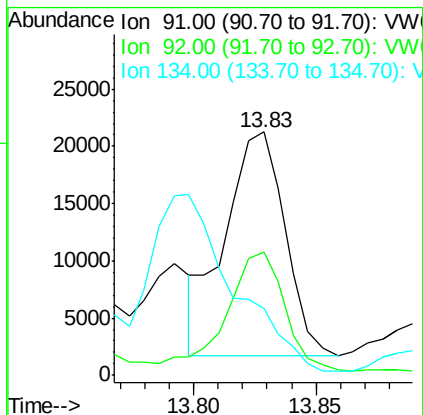
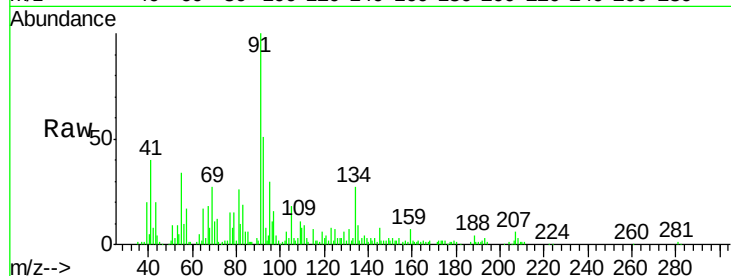
Tot Ion: 91 Resp: 33415

Ion Ratio Lower Upper

91 100

92 52.1 27.4 82.2

134 0.0 13.0 39.0#



#95

Naphthalene

Concen: 4.407 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008635.D

Acq: 12 Feb 2019 20:46

Tgt Ion: 128 Resp: 39462

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 8.1 8.7 13.1#

