

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021319\
 Data File : VW008648.D
 Acq On : 13 Feb 2019 20:37
 Operator : SY/VA
 Sample : K1343-27
 Misc : 6.74G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 14 05:33:39 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

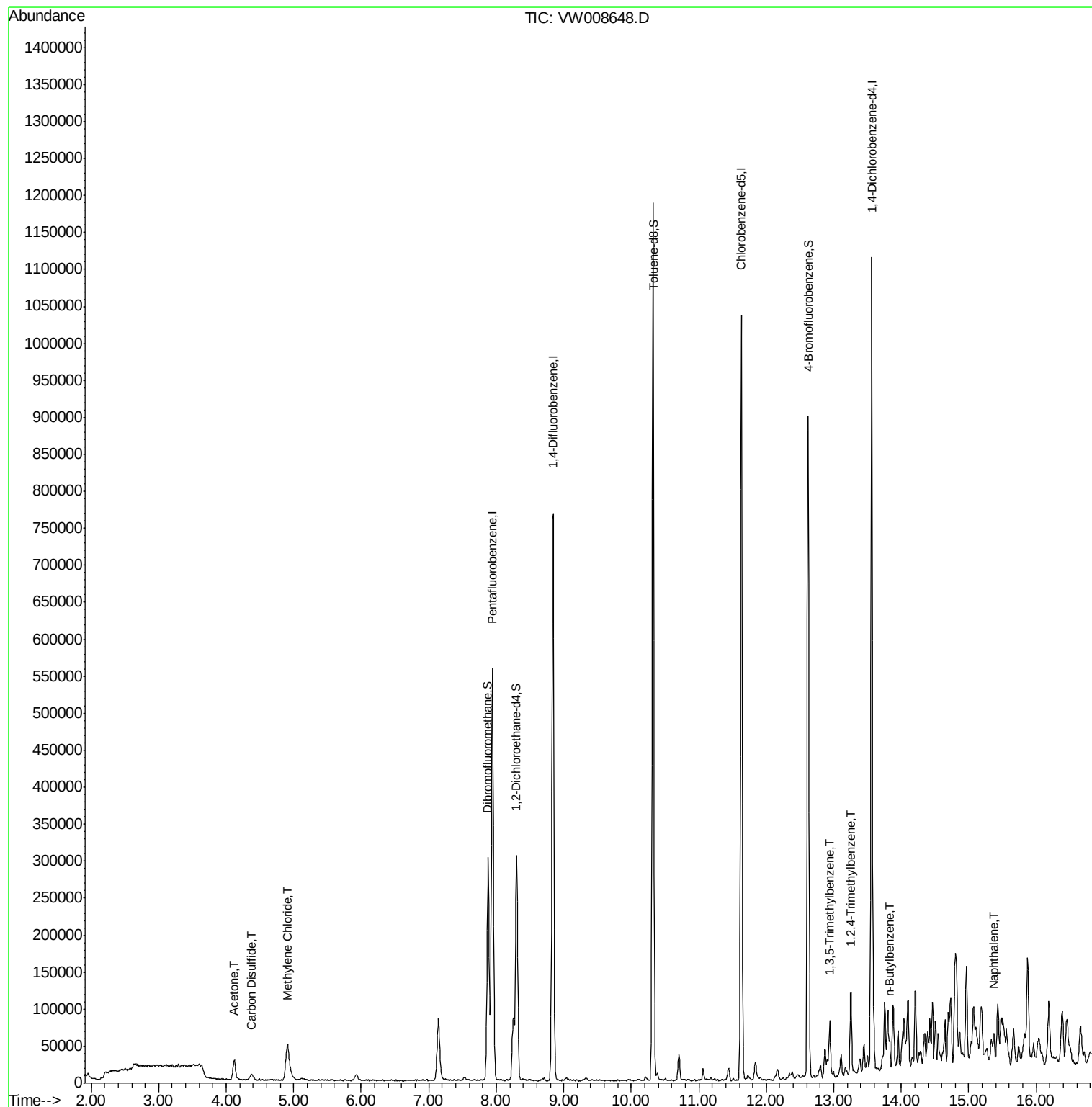
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	433312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	644604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	564716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	272578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	230326	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
35) Dibromofluoromethane	7.88	113	203011	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	10.32	98	770773	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.62	95	265091	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
Target Compounds						
16) Acetone	4.12	43	47018	45.866	ug/l	100
17) Carbon Disulfide	4.37	76	15694	1.229	ug/l #	94
20) Methylene Chloride	4.91	84	43772	2.872	ug/l	91
80) 1,3,5-Trimethylbenzene	12.94	105	21129	1.253	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	61720	3.561	ug/l	100
89) n-Butylbenzene	13.83	91	19456	1.073	ug/l #	77
95) Naphthalene	15.37	128	24440	2.286	ug/l #	92

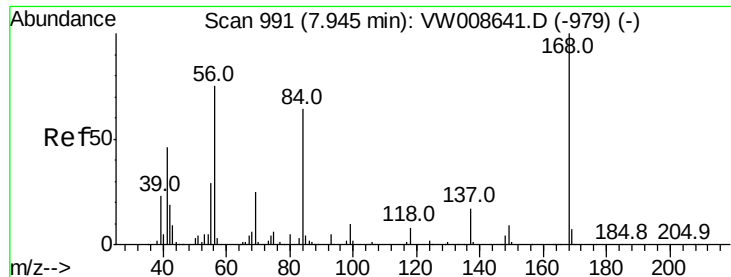
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008648.D

Acq: 13 Feb 2019 20:37

Instrument :

MSVOA_W

ClientSampleId :

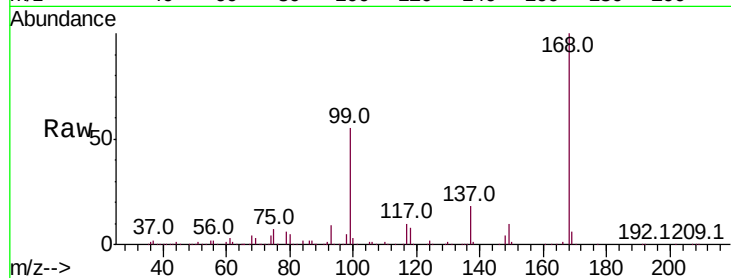
JC-02-021119-N

Tot Ion:168 Resp: 433312

Ion Ratio Lower Upper

168 100

99 55.1 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

200000

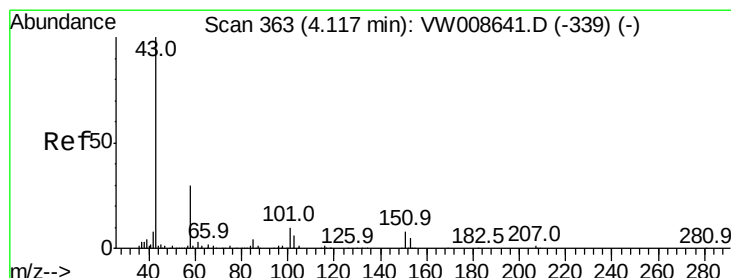
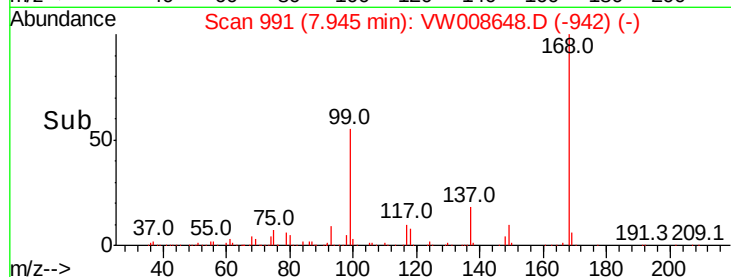
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 45.866 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008648.D

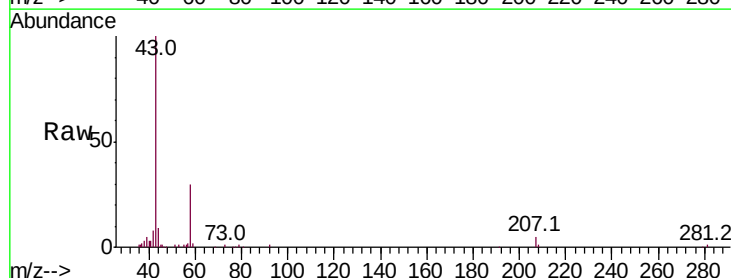
Acq: 13 Feb 2019 20:37

Tgt Ion: 43 Resp: 47018

Ion Ratio Lower Upper

43 100

58 30.1 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

20000

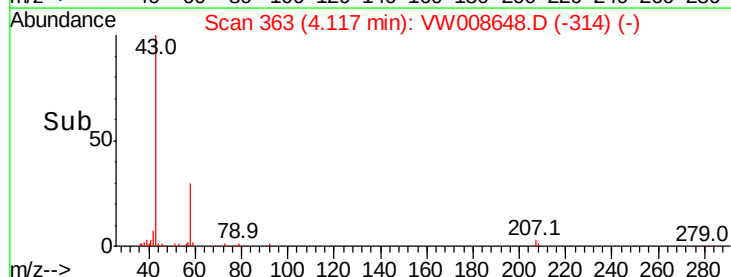
15000

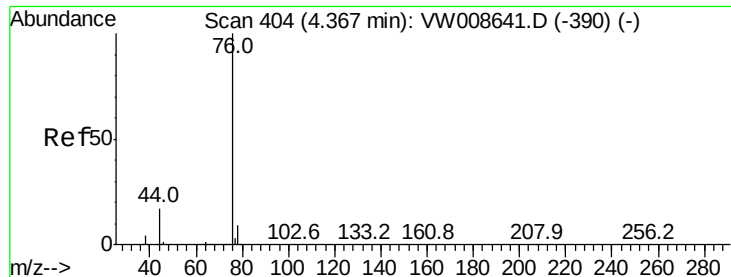
10000

5000

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 1.229 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW008648.D

Acq: 13 Feb 2019 20:37

Instrument :

MSVOA_W

ClientSampleId :

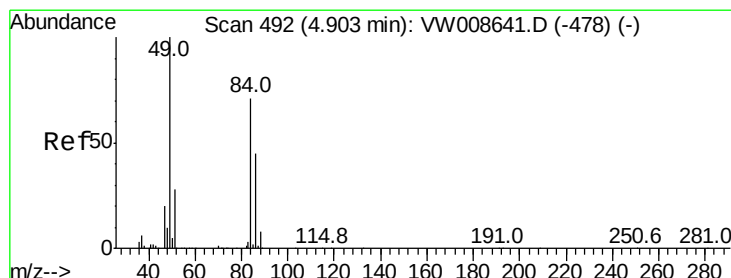
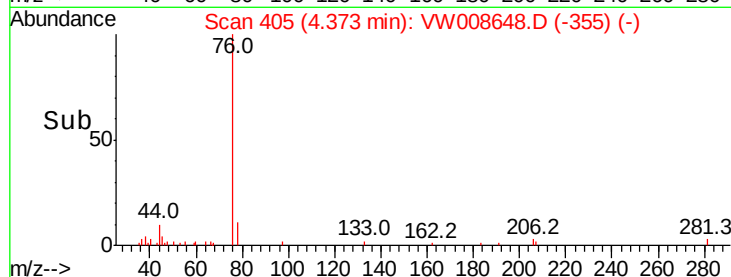
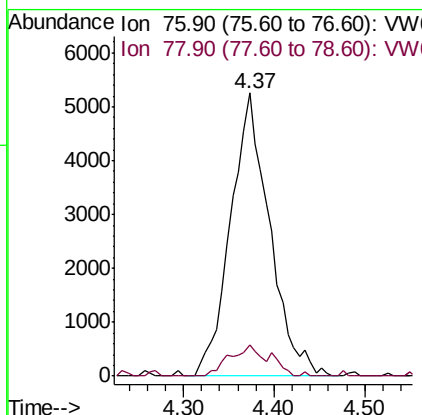
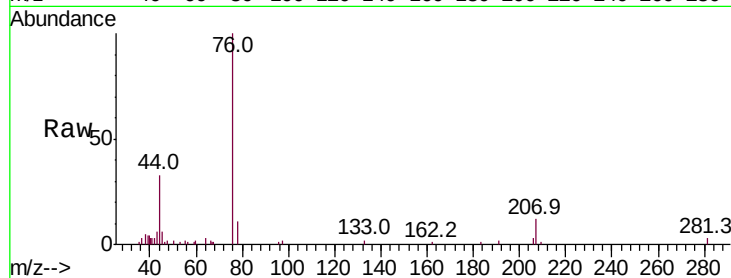
JC-02-021119-N

Tot Ion: 76 Resp: 15694

Ion Ratio Lower Upper

76 100

78 11.1 7.1 10.7#



#20

Methylene Chloride

Concen: 2.872 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW008648.D

Acq: 13 Feb 2019 20:37

Tgt Ion: 84 Resp: 43772

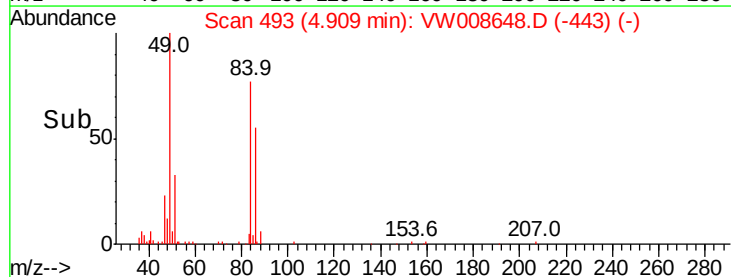
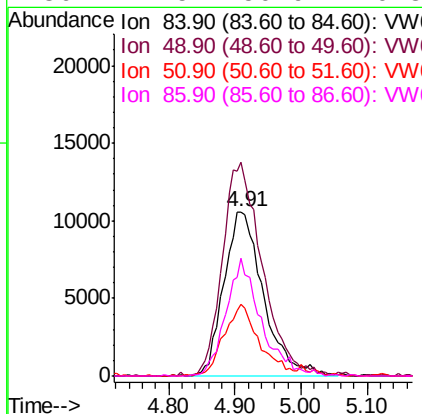
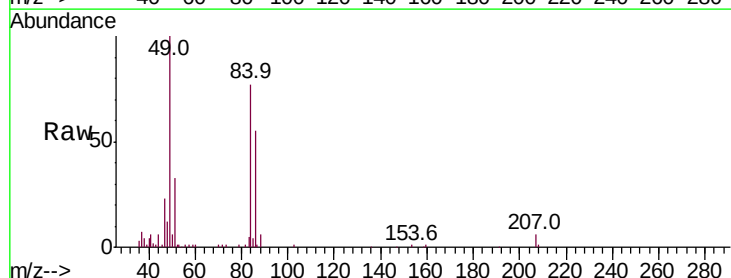
Ion Ratio Lower Upper

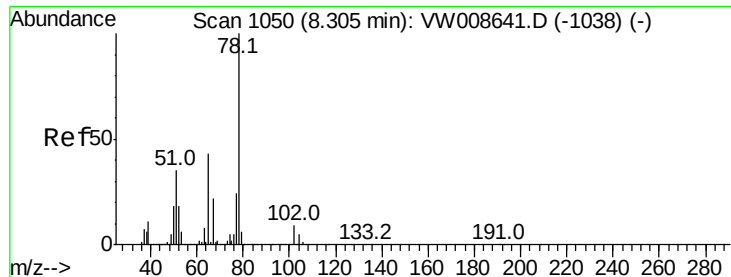
84 100

49 129.8 113.3 169.9

51 42.6 32.1 48.1

86 71.5 50.9 76.3

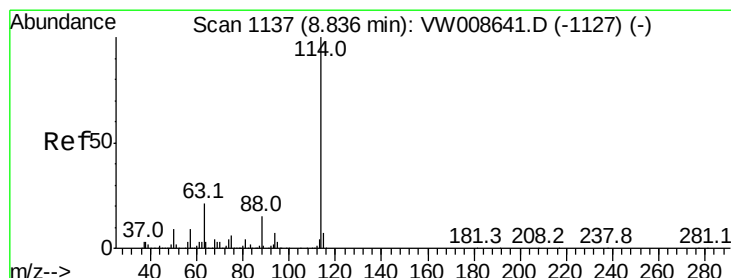
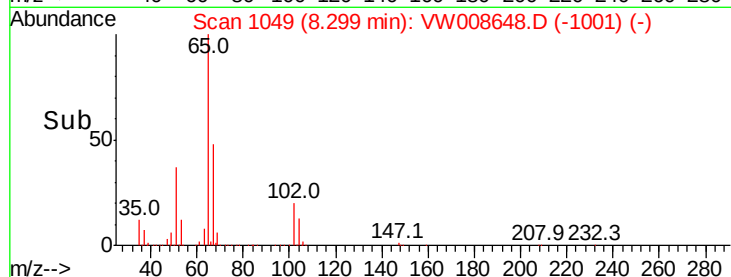
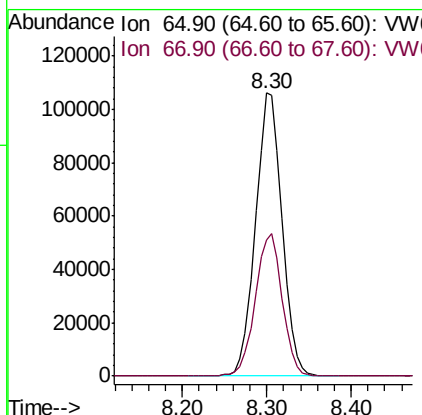
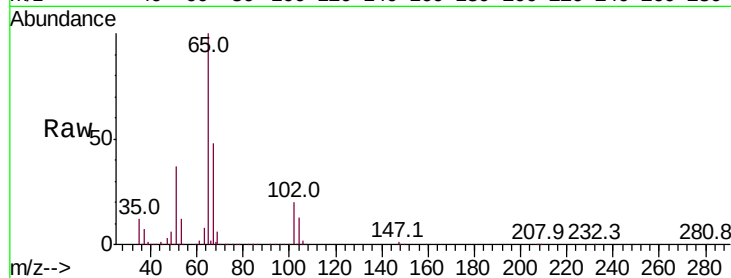




#33
 1,2-Dichloroethane-d4
 Concen: 51.128 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008648.D
 Acq: 13 Feb 2019 20:37

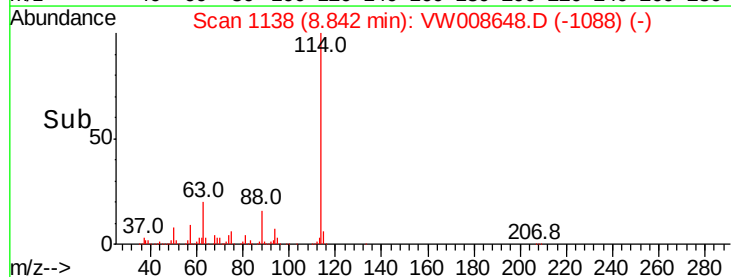
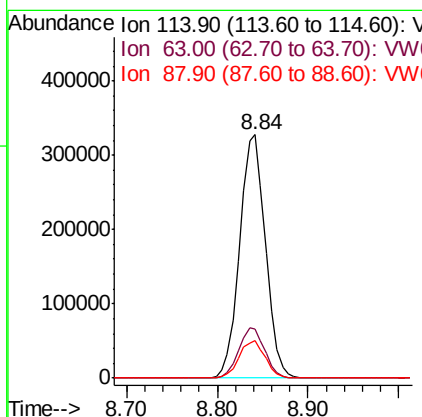
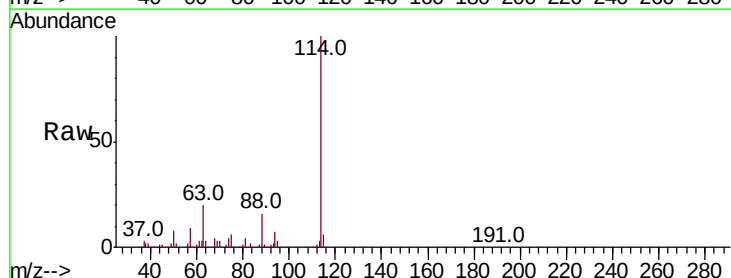
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-N

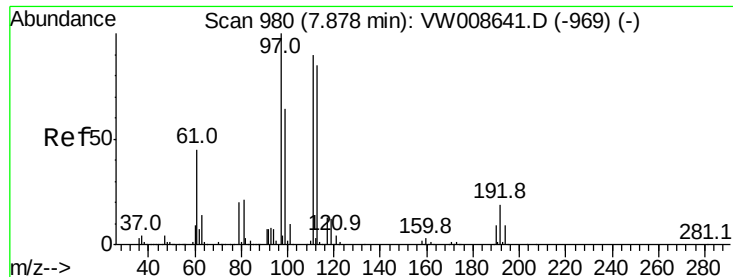
Tot Ion: 65 Resp: 230326
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008648.D
 Acq: 13 Feb 2019 20:37

Tgt Ion: 114 Resp: 644604
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.2
 88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.720 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW008648.D

Acq: 13 Feb 2019 20:37

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-N

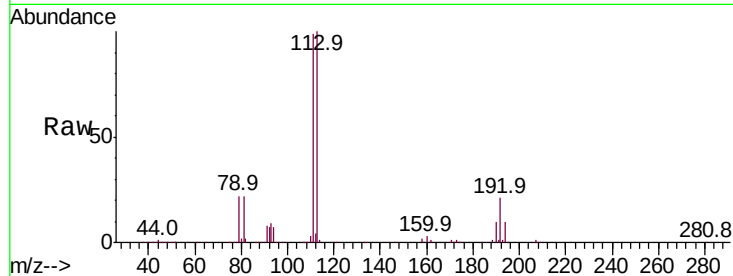
Tot Ion:113 Resp: 203011

Ion Ratio Lower Upper

113 100

111 102.0 84.0 126.0

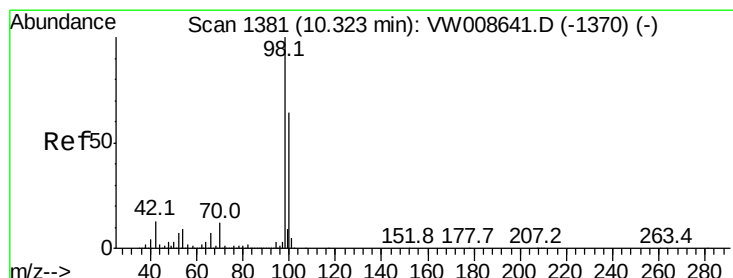
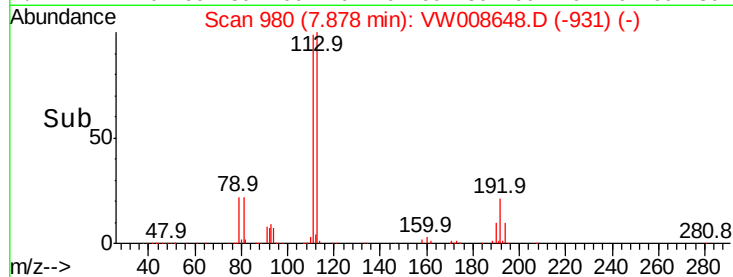
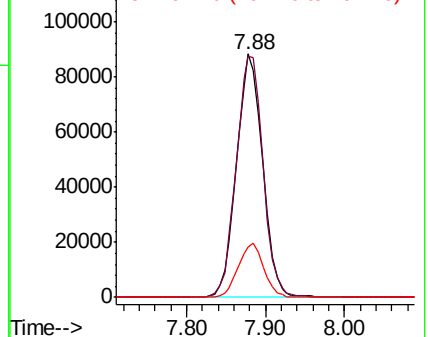
192 21.8 17.4 26.2



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: 49.954 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008648.D

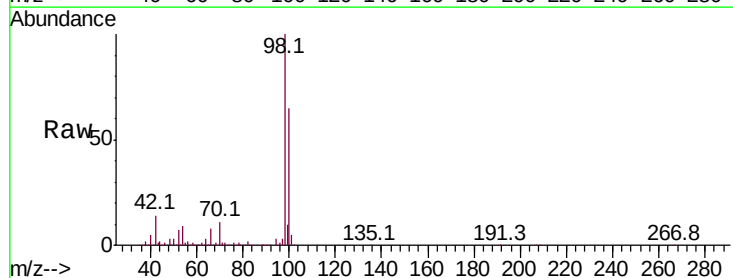
Acq: 13 Feb 2019 20:37

Tgt Ion: 98 Resp: 770773

Ion Ratio Lower Upper

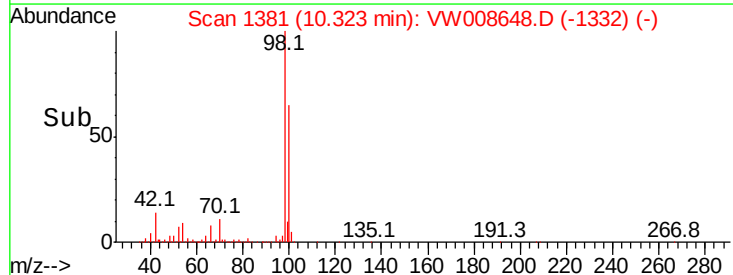
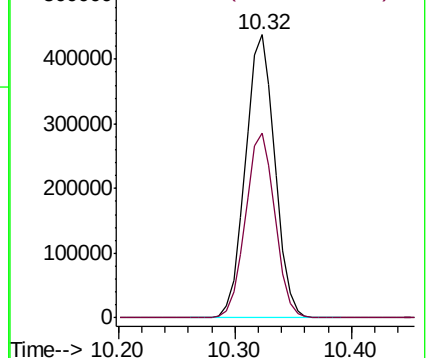
98 100

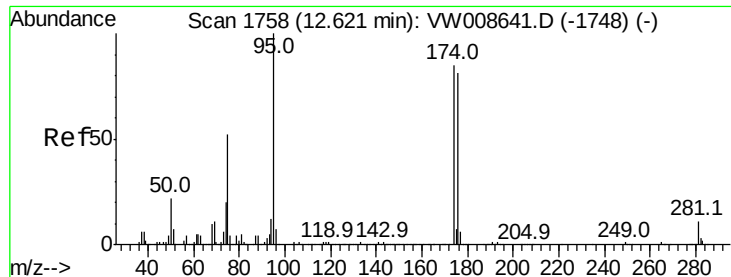
100 65.2 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

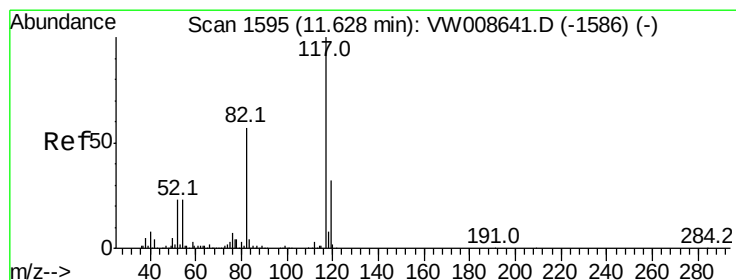
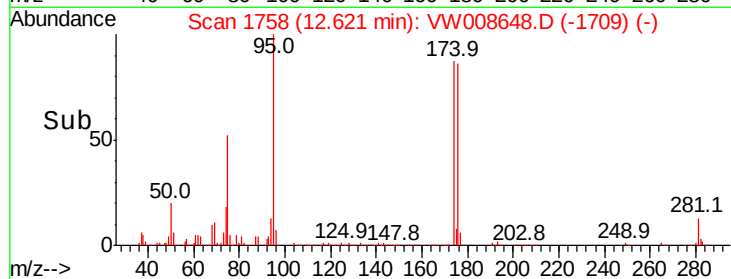
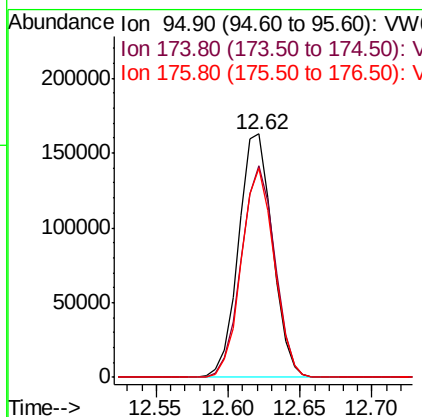
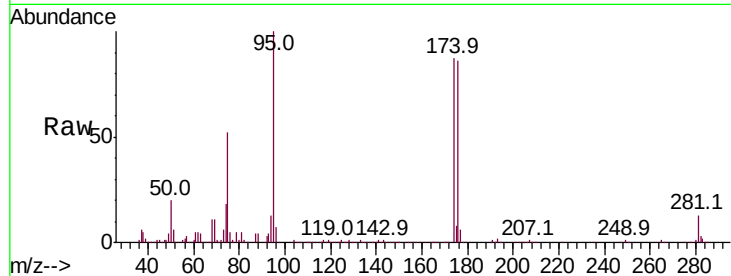




#62
4-Bromofluorobenzene
Concen: 45.613 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008648.D
Acq: 13 Feb 2019 20:37

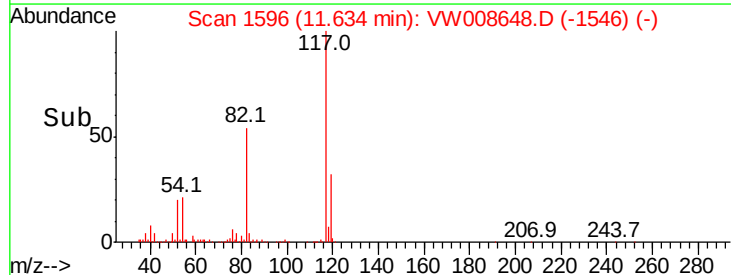
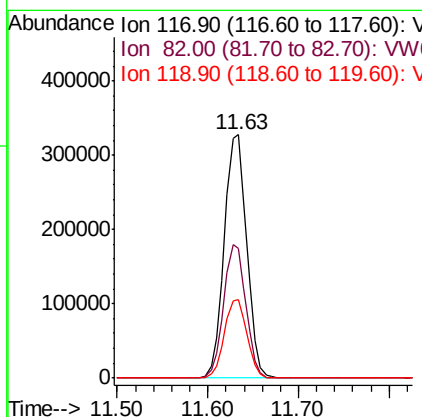
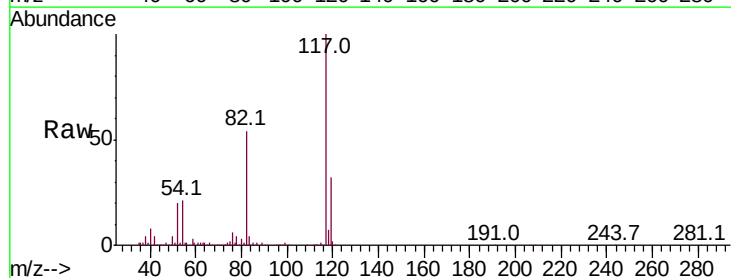
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-N

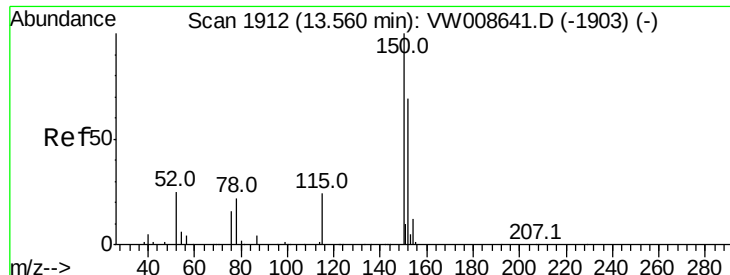
Tot Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	163.2
176	83.3	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008648.D
Acq: 13 Feb 2019 20:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.6	68.4
119	32.5	25.7	38.5

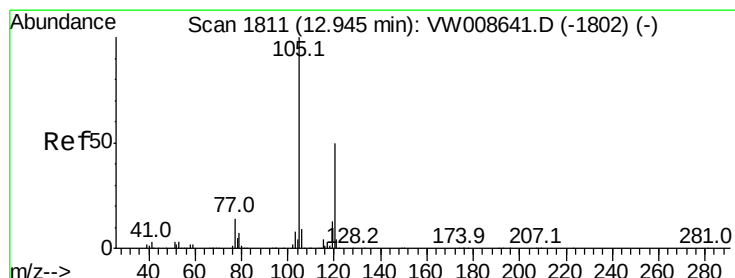
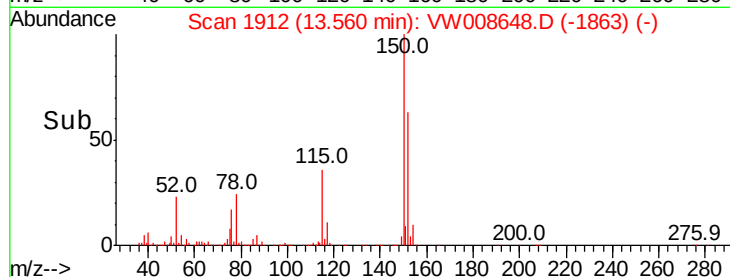
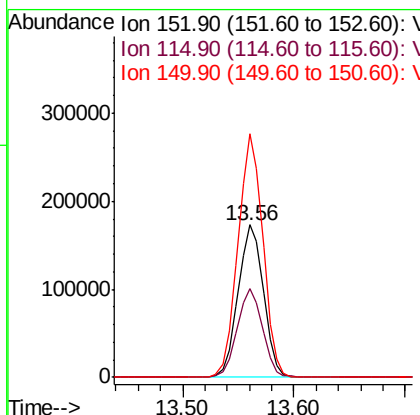
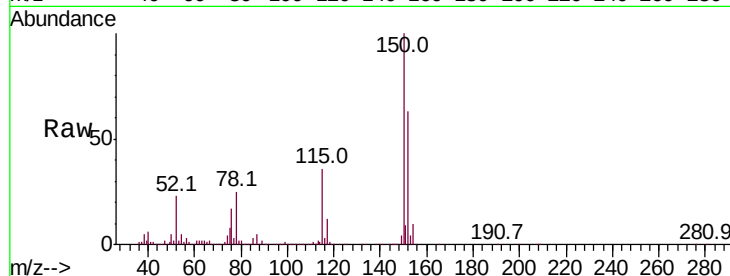




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008648.D
 Acq: 13 Feb 2019 20:37

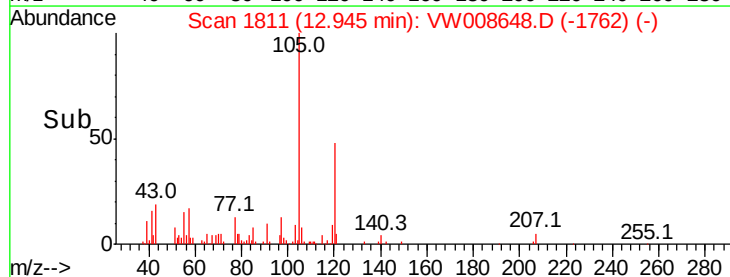
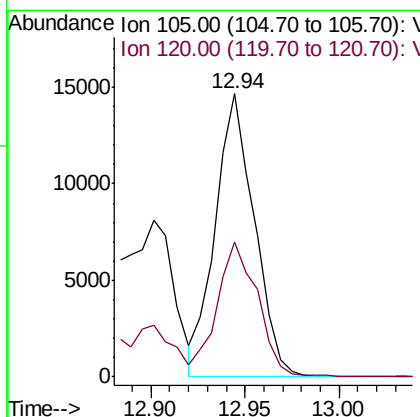
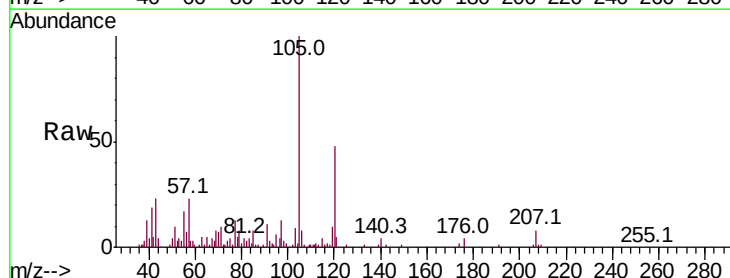
Instrument :
 MSVOA_W
 ClientSampled :
 JC-02-021119-N

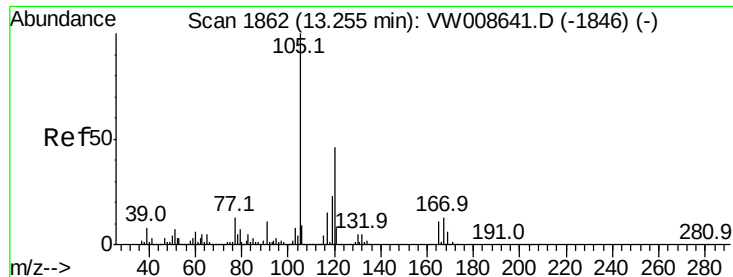
Tot Ion:152 Resp: 272578
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.3 87.8
 150 156.6 0.0 352.8



#80
 1,3,5-Trimethylbenzene
 Concen: 1.253 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008648.D
 Acq: 13 Feb 2019 20:37

Tgt Ion:105 Resp: 21129
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 73.8

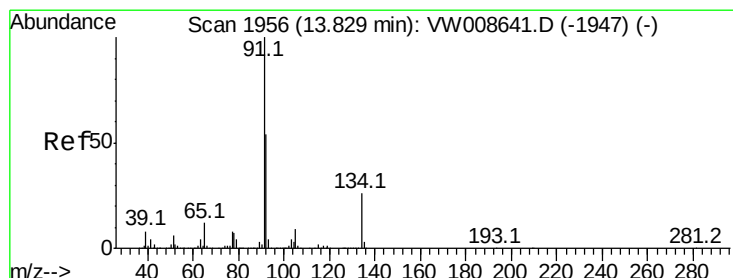
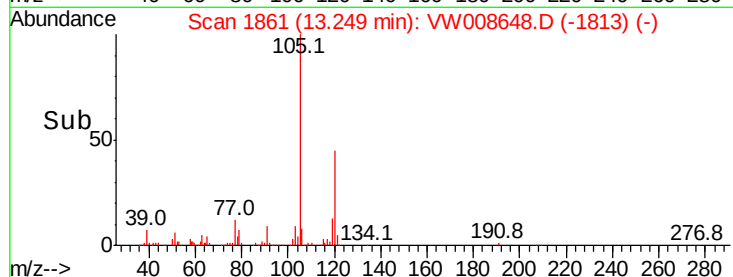
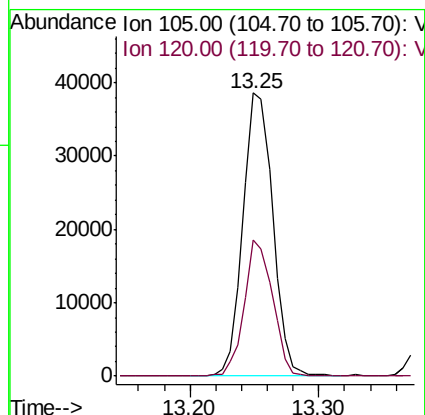
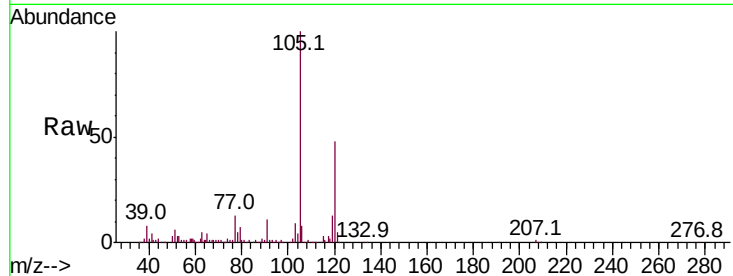




#84
 1,2,4-Trimethylbenzene
 Concen: 3.561 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW008648.D
 Acq: 13 Feb 2019 20:37

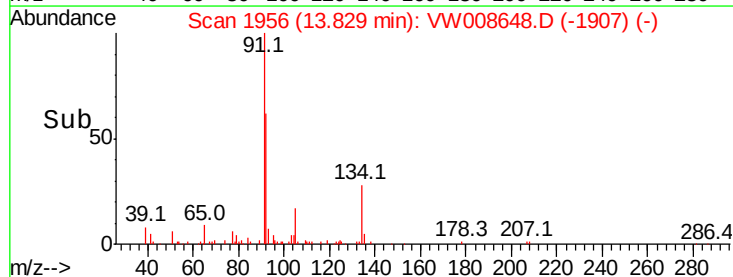
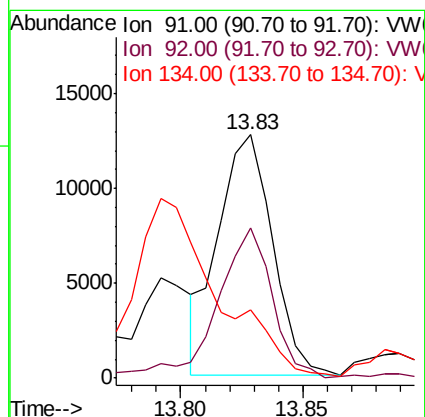
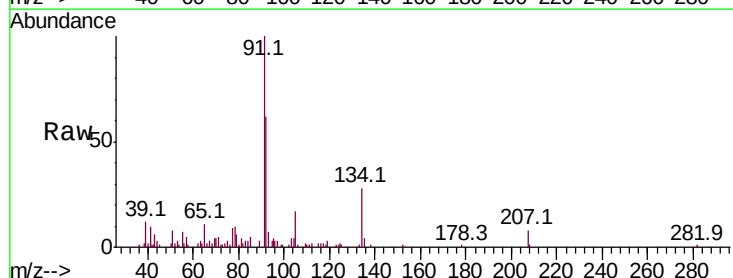
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 MSVOA_W
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 JC-02-021119-N

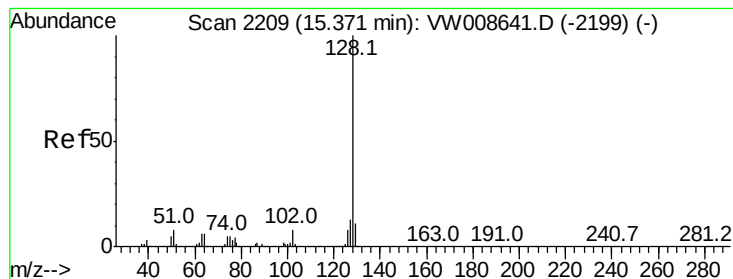
Tot Ion:105 Resp: 61720
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.8



#89
 n-Butylbenzene
 Concen: 1.073 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW008648.D
 Acq: 13 Feb 2019 20:37

Tgt Ion: 91 Resp: 19456
 Ion Ratio Lower Upper
 91 100
 92 60.6 26.8 80.4
 134 0.0 13.0 39.0#





#95

Naphthalene

Concen: 2.286 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW008648.D

Acq: 13 Feb 2019 20:37

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-N

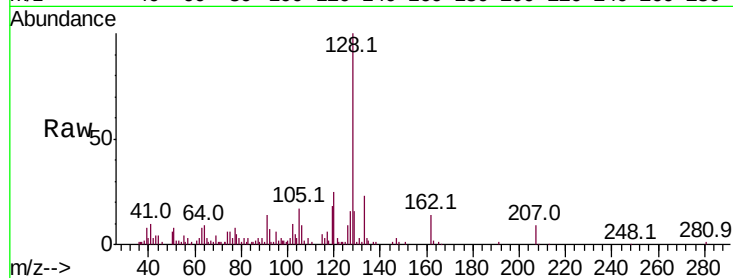
Tot Ion:128 Resp: 24440

Ion Ratio Lower Upper

128 100

127 18.1 10.9 16.3#

129 9.5 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

