

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
 Data File : VW009005.D
 Acq On : 05 Mar 2019 19:03
 Operator : SY/VA
 Sample : K1688-11RE
 Misc : 8.68G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-FRE

Quant Time: Mar 06 07:57:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	12976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	19445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	17249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5318	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	8845	72.68	ug/l	0.00
Spiked Amount			Recovery	=	145.36%	
35) Dibromofluoromethane	7.89	113	6793	58.18	ug/l	0.00
Spiked Amount			Recovery	=	116.36%	
50) Toluene-d8	10.32	98	21986	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.62	95	6594	37.37	ug/l	0.00
Spiked Amount			Recovery	=	74.74%	

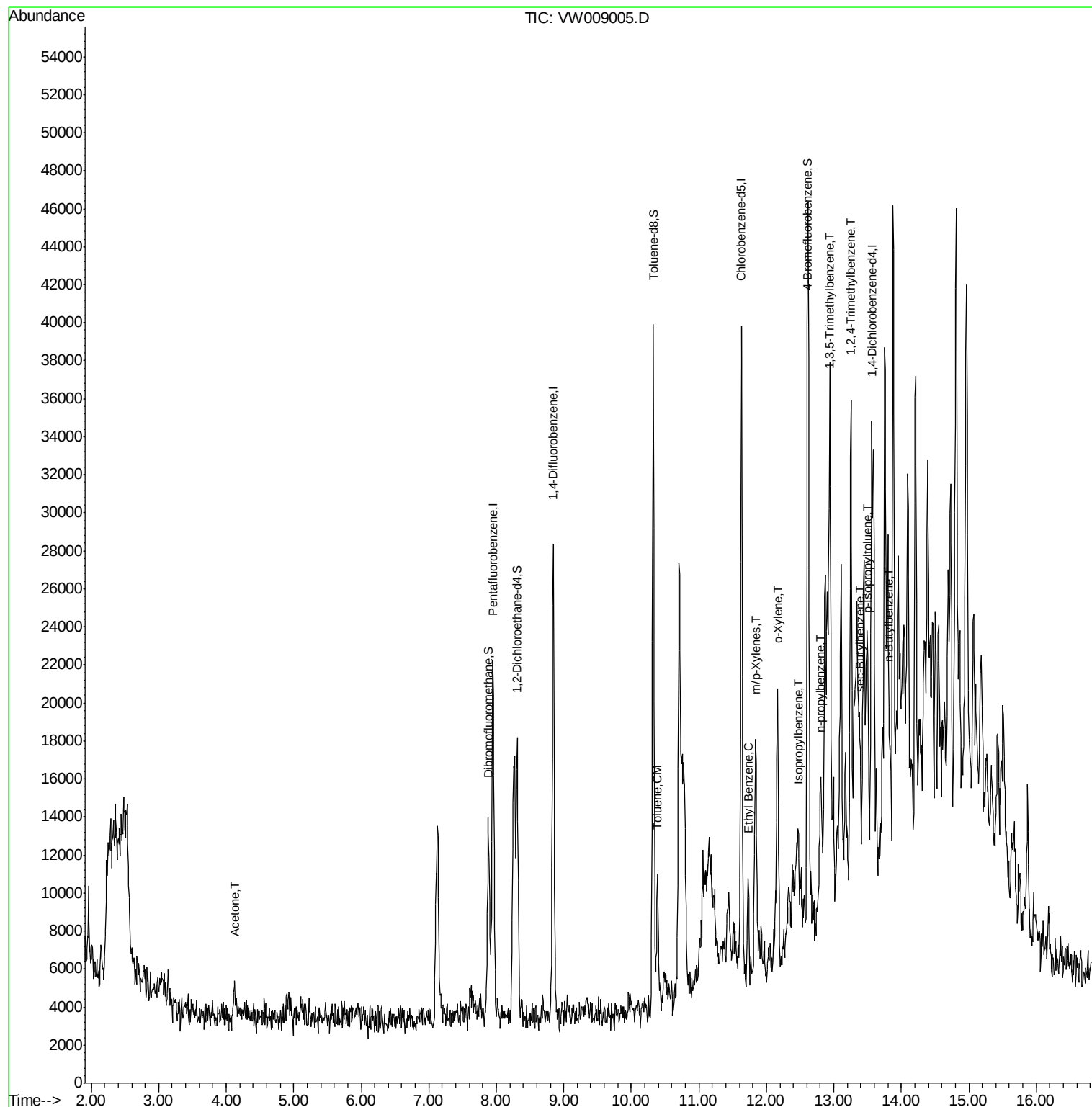
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	3252	115.279	ug/l	95
52) Toluene	10.39	92	2850	8.126	ug/l	97
67) Ethyl Benzene	11.73	91	3660	5.645	ug/l #	80
68) m/p-Xylenes	11.84	106	2696	10.407	ug/l	100
69) o-Xylene	12.17	106	3545	14.579	ug/l	99
73) Isopropylbenzene	12.47	105	2222	6.095	ug/l	96
78) n-propylbenzene	12.80	91	4605	10.326	ug/l	91
80) 1,3,5-Trimethylbenzene	12.95	105	6194	19.551	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	12724	38.797	ug/l	98
85) sec-Butylbenzene	13.39	105	2259	5.735	ug/l #	52
86) p-Isopropyltoluene	13.51	119	2126	5.888	ug/l	96
89) n-Butylbenzene	13.82	91	2523	7.458	ug/l #	62

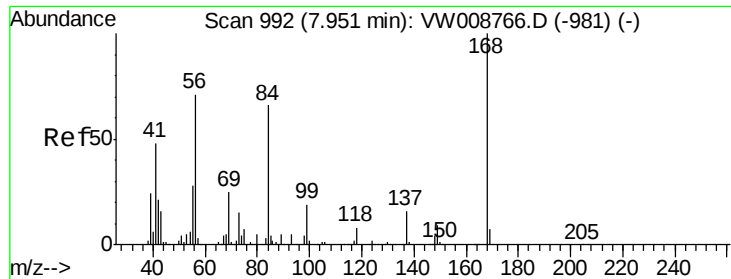
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030519\
Data File : VW009005.D
Acq On : 05 Mar 2019 19:03
Operator : SY/VA
Sample : K1688-11RE
Misc : 8.68G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-FRE

Quant Time: Mar 06 07:57:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW009005.D

Acq: 05 Mar 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

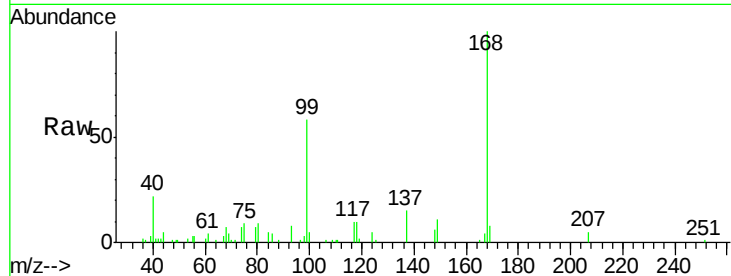
JC-03-030119-FRE

Tot Ion:168 Resp: 12976

Ion Ratio Lower Upper

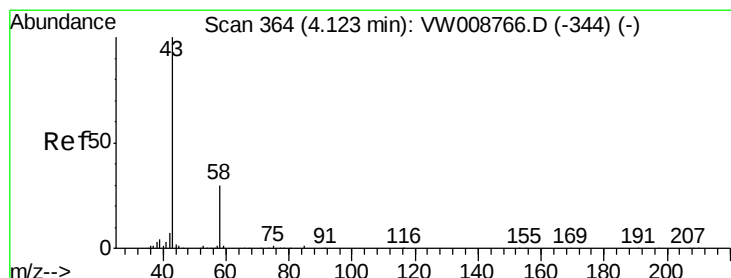
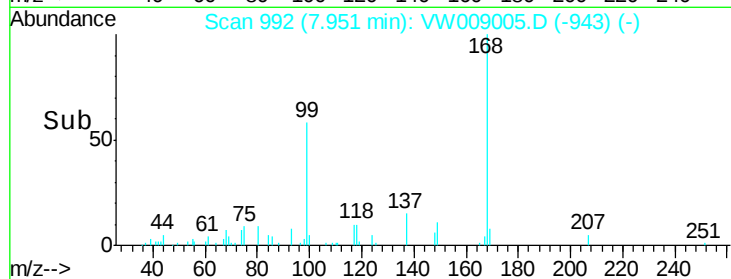
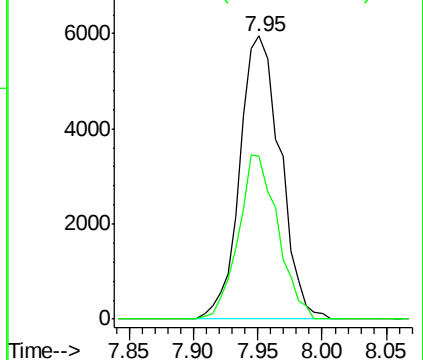
168 100

99 57.5 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 115.279 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW009005.D

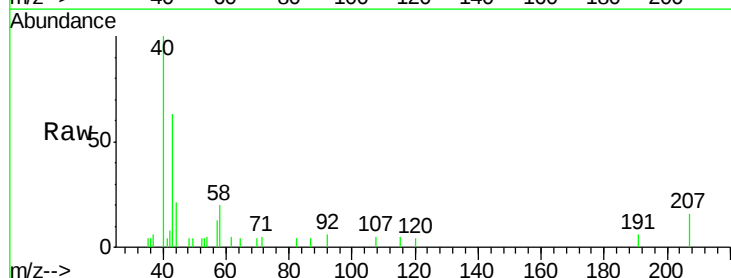
Acq: 05 Mar 2019 19:03

Tgt Ion: 43 Resp: 3252

Ion Ratio Lower Upper

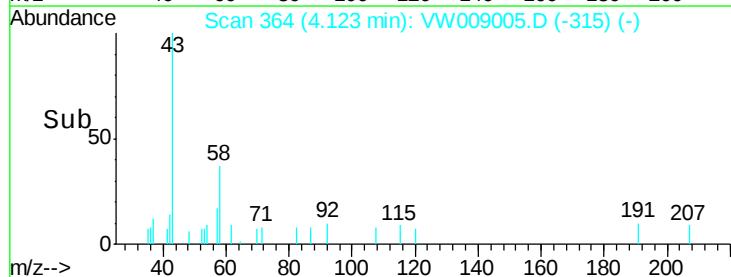
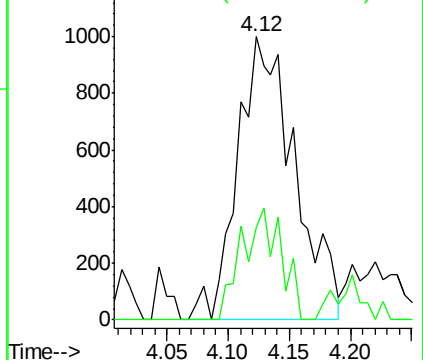
43 100

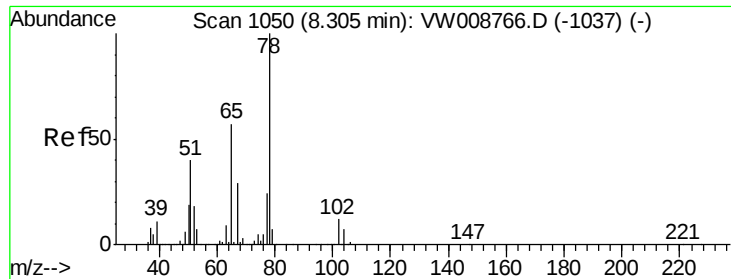
58 32.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

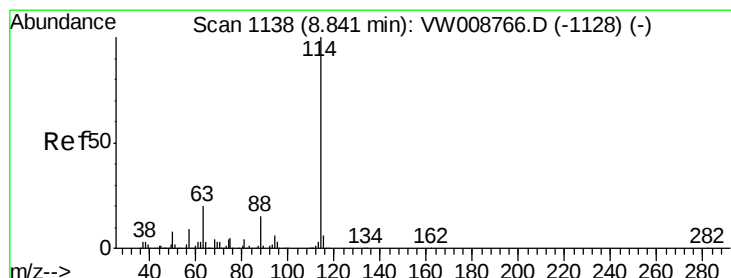
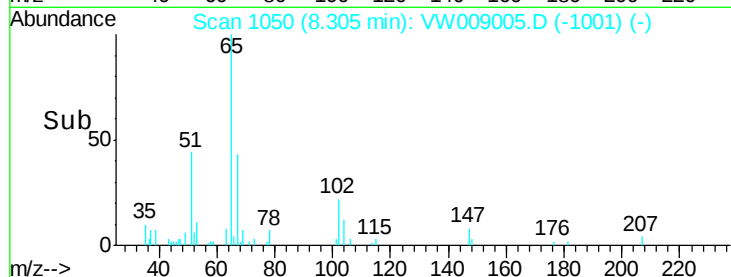
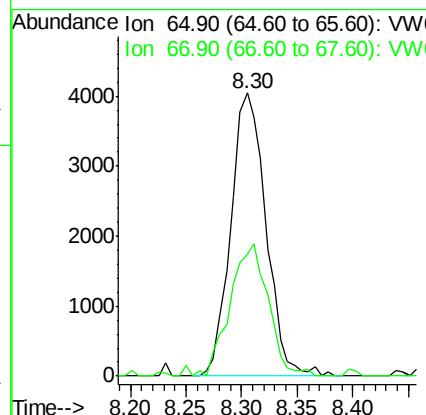
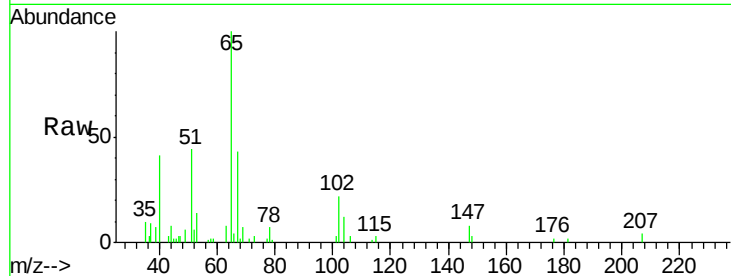




#33
 1,2-Dichloroethane-d4
 Concen: 72.677 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW009005.D
 Acq: 05 Mar 2019 19:03

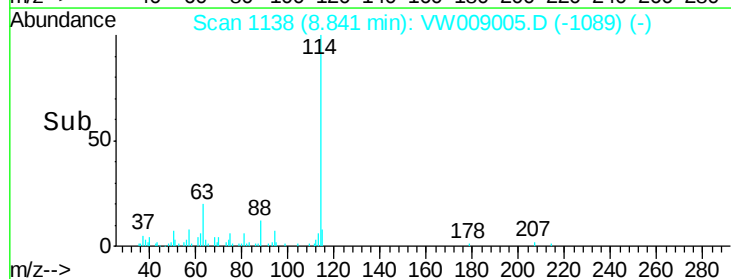
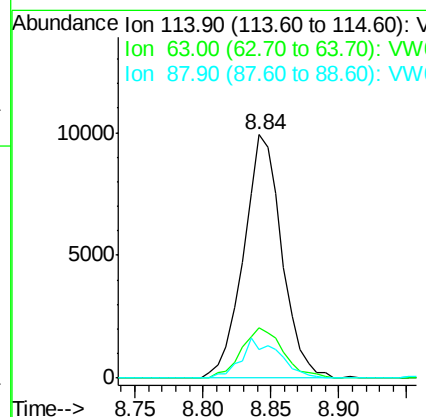
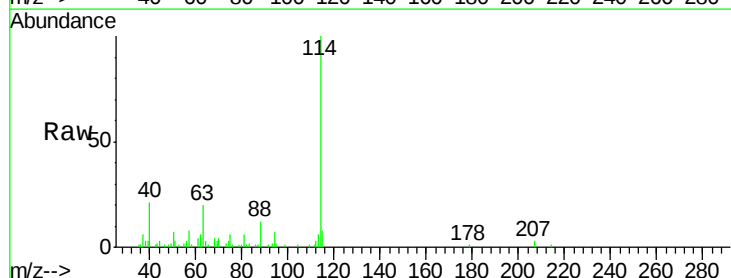
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-FRE

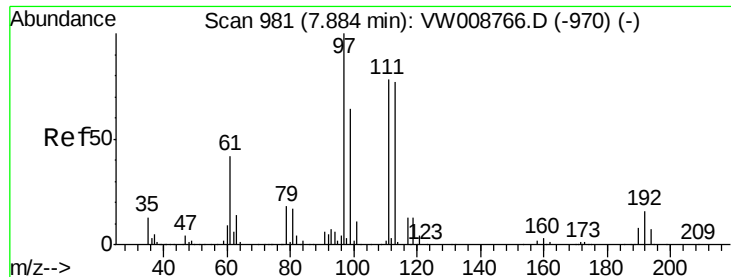
Tot Ion: 65 Resp: 8845
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009005.D
 Acq: 05 Mar 2019 19:03

Tgt Ion: 114 Resp: 19445
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 11.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 58.184 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW009005.D

Acq: 05 Mar 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

JC-03-030119-FRE

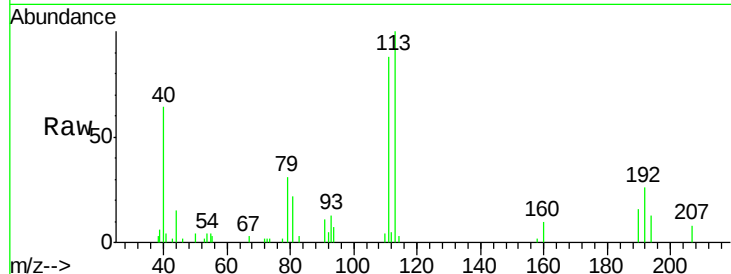
Tot Ion:113 Resp: 6793

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

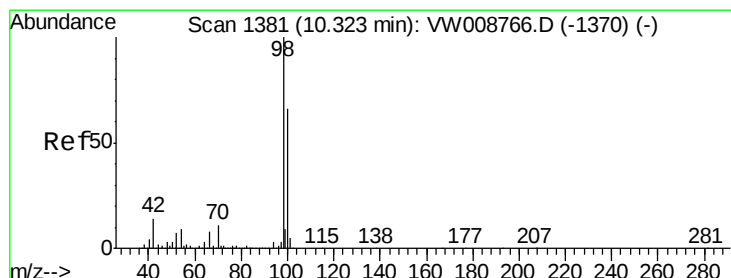
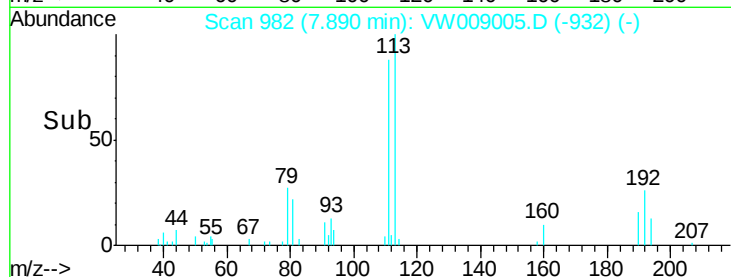
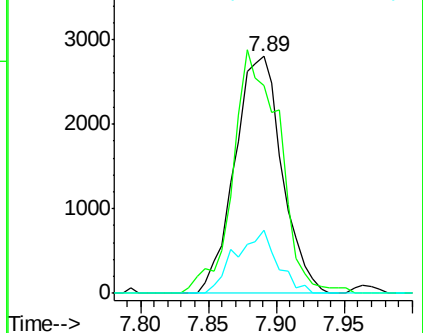
192 23.5 17.1 25.7



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: 48.783 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009005.D

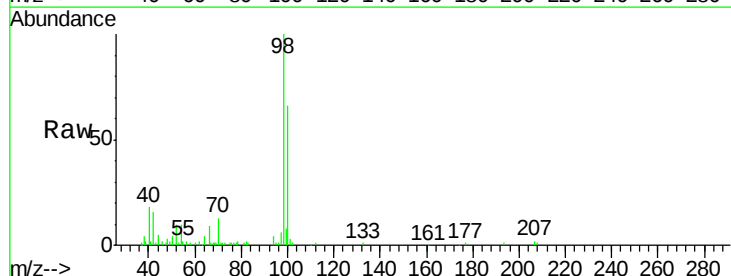
Acq: 05 Mar 2019 19:03

Tgt Ion: 98 Resp: 21986

Ion Ratio Lower Upper

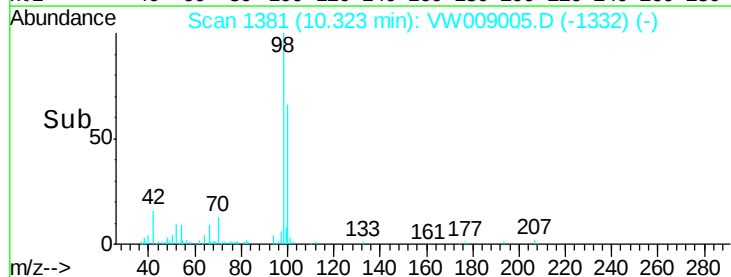
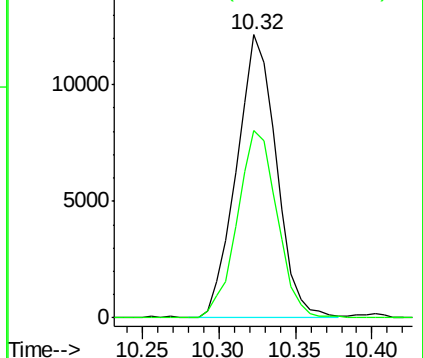
98 100

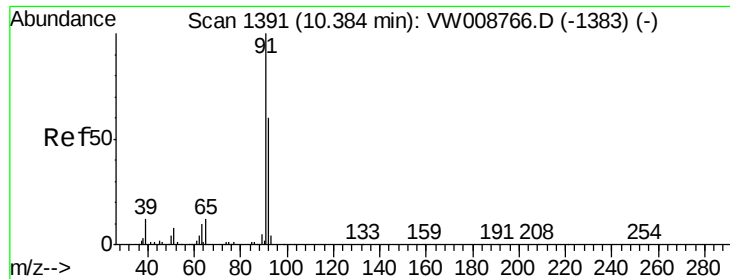
100 66.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 8.126 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW009005.D

Acq: 05 Mar 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

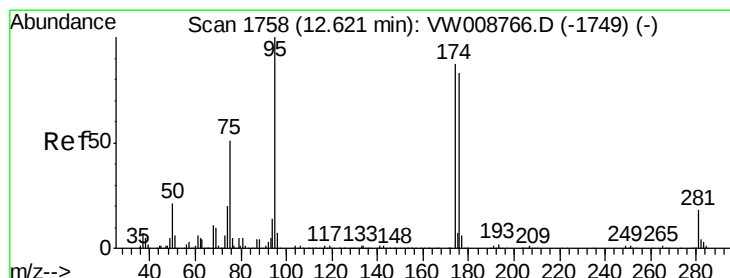
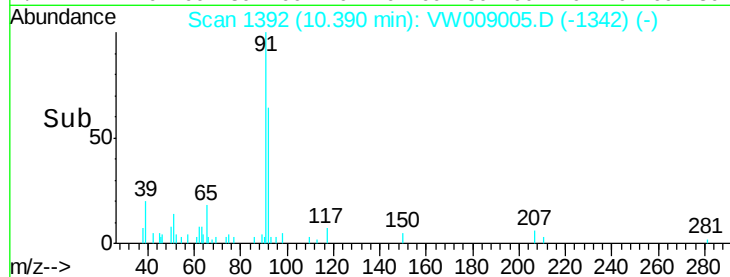
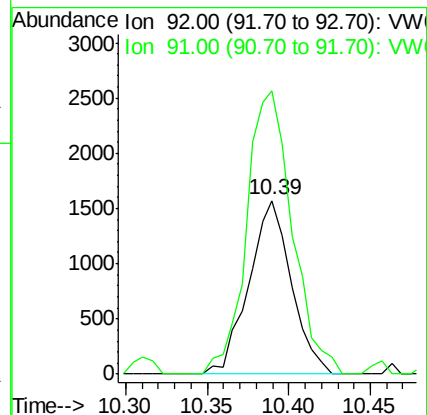
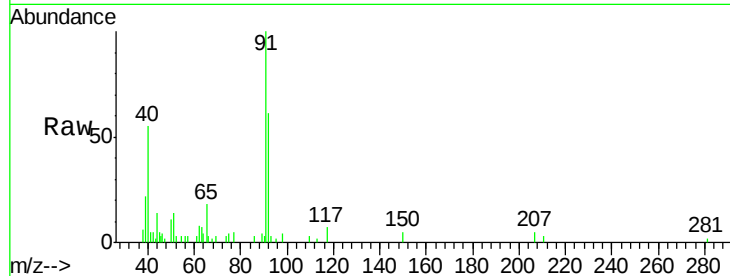
JC-03-030119-FRE

Tot Ion: 92 Resp: 2850

Ion Ratio Lower Upper

92 100

91 175.2 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 37.367 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW009005.D

Acq: 05 Mar 2019 19:03

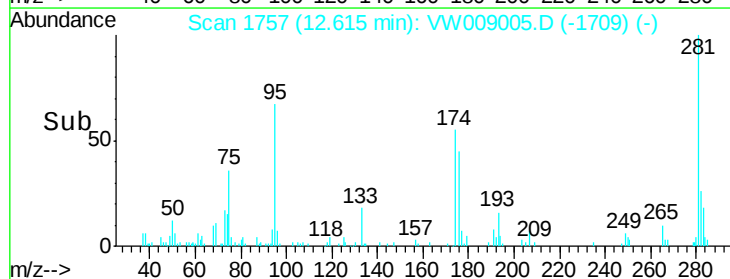
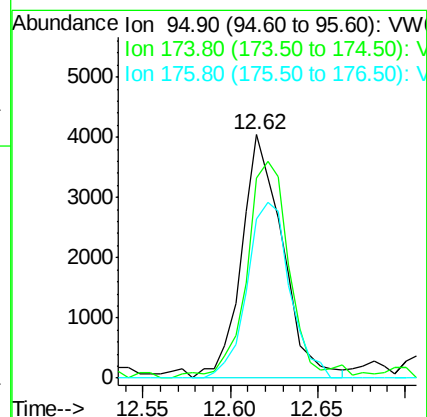
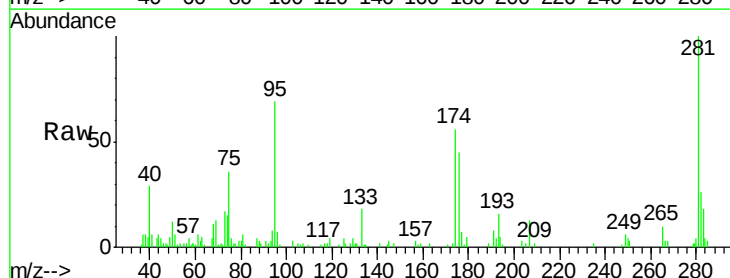
Tgt Ion: 95 Resp: 6594

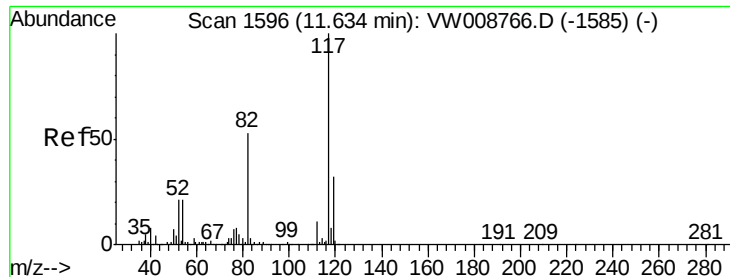
Ion Ratio Lower Upper

95 100

174 94.0 0.0 169.2

176 75.4 0.0 163.6

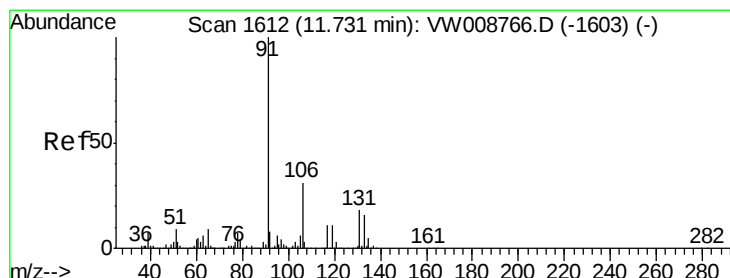
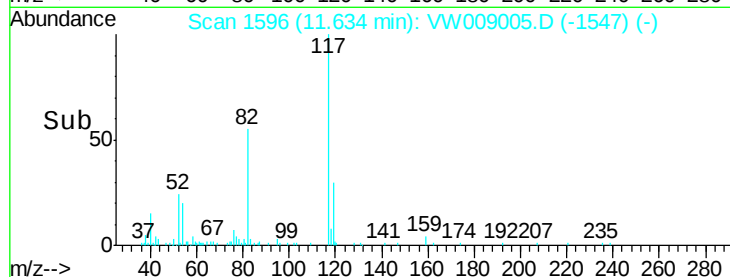
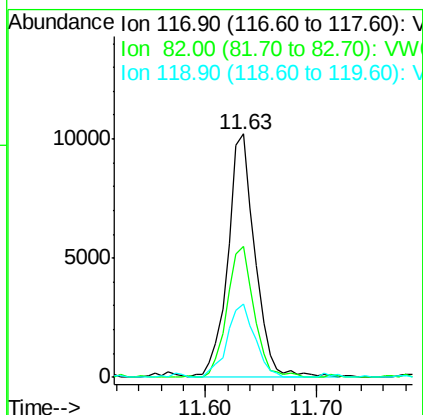
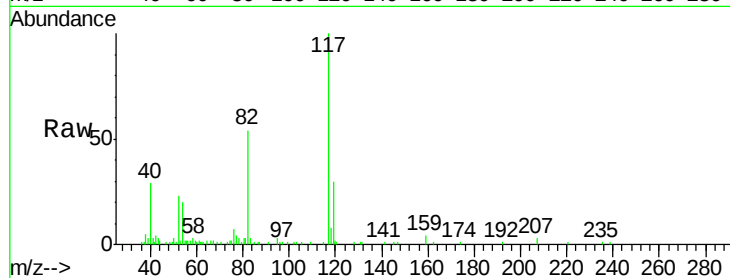




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW009005.D
Acq: 05 Mar 2019 19:03

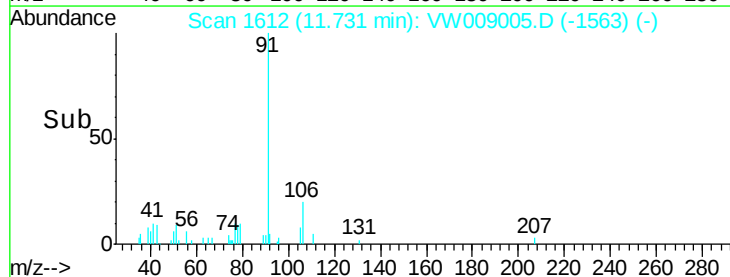
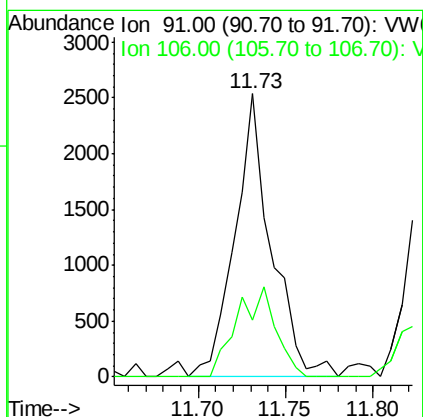
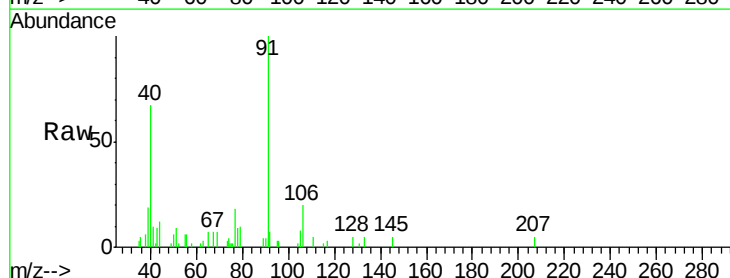
Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-FRE

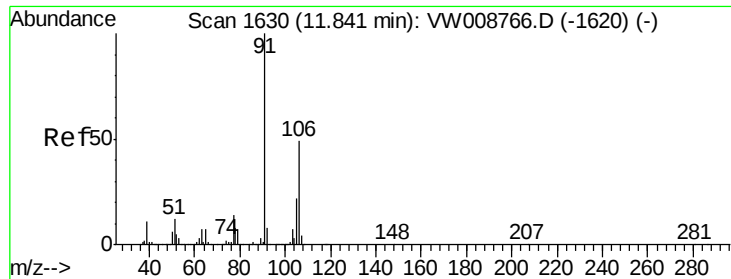
Tot Ion:117 Resp: 17249
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.4
119 30.0 25.9 38.9



#67
Ethyl Benzene
Concen: 5.645 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW009005.D
Acq: 05 Mar 2019 19:03

Tgt Ion: 91 Resp: 3660
Ion Ratio Lower Upper
91 100
106 20.3 25.0 37.6#

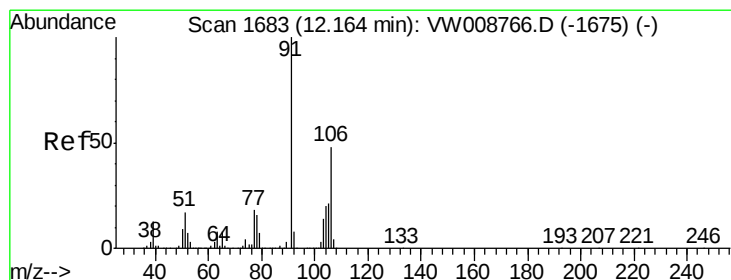
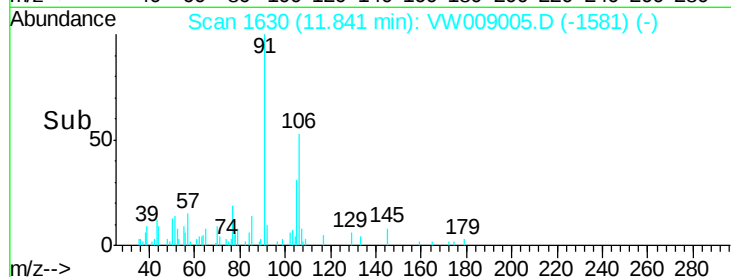
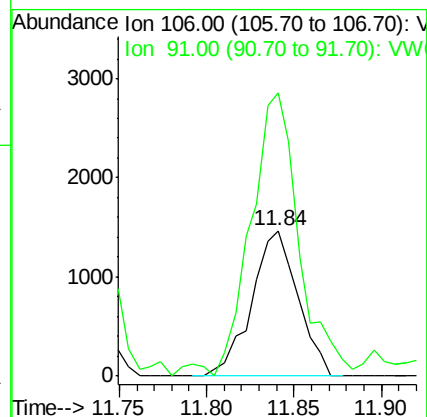
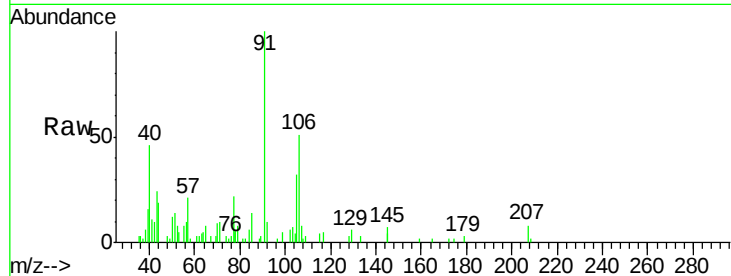




#68
m/p-Xylenes
Concen: 10.407 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW009005.D
Acq: 05 Mar 2019 19:03

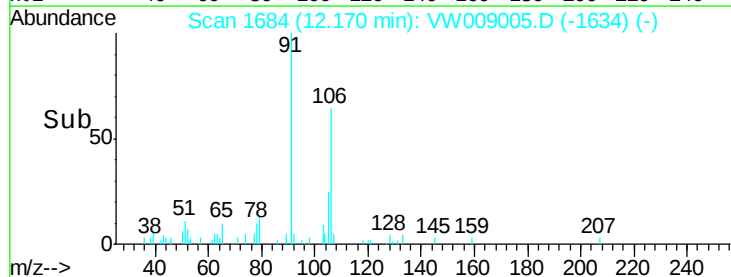
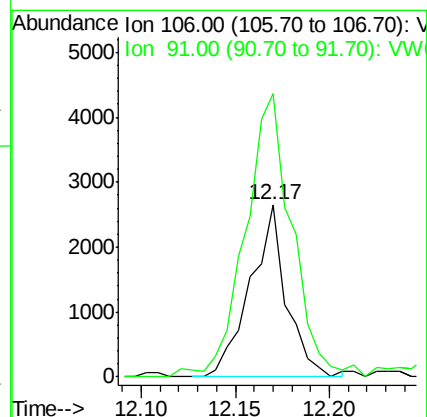
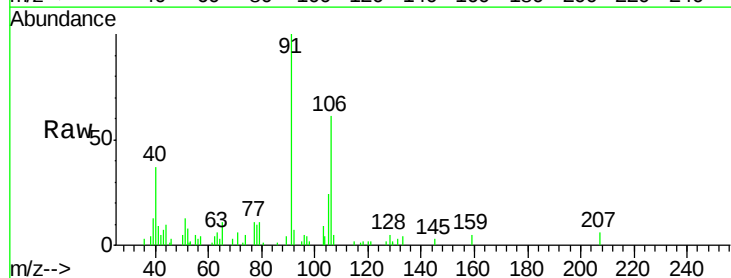
Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-FRE

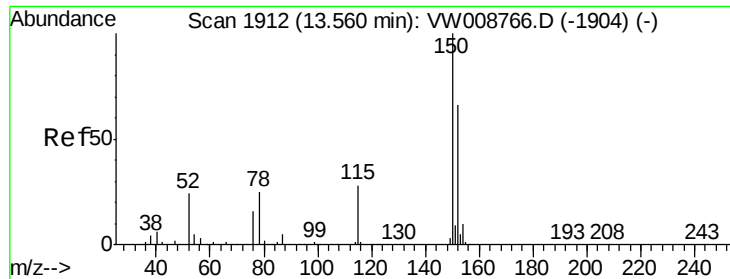
Tot Ion:106 Resp: 2696
Ion Ratio Lower Upper
106 100
91 201.5 161.5 242.3



#69
o-Xylene
Concen: 14.579 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW009005.D
Acq: 05 Mar 2019 19:03

Tgt Ion:106 Resp: 3545
Ion Ratio Lower Upper
106 100
91 211.2 106.2 318.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW009005.D

Acq: 05 Mar 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

JC-03-030119-FRE

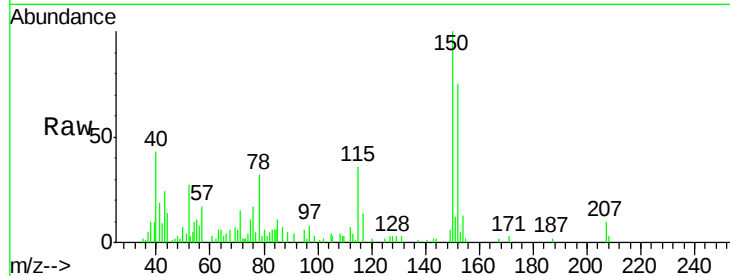
Tot Ion:152 Resp: 5318

Ion Ratio Lower Upper

152 100

115 61.2 28.6 85.8

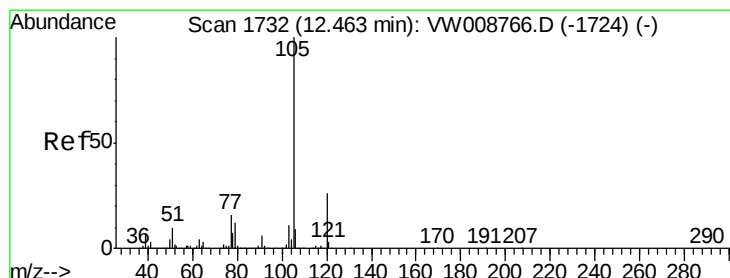
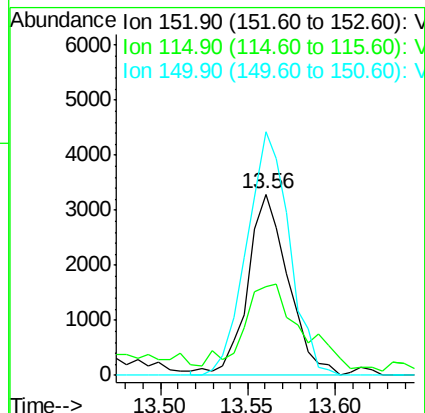
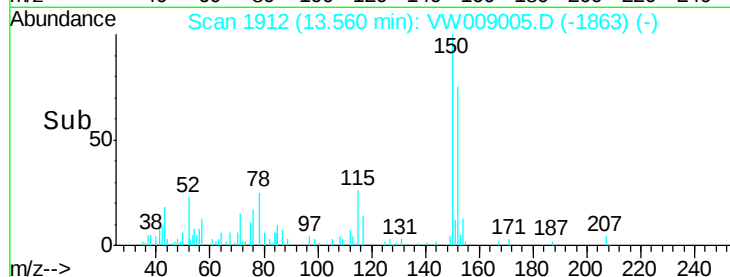
150 140.7 0.0 348.0



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



#73

Isopropylbenzene

Concen: 6.095 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW009005.D

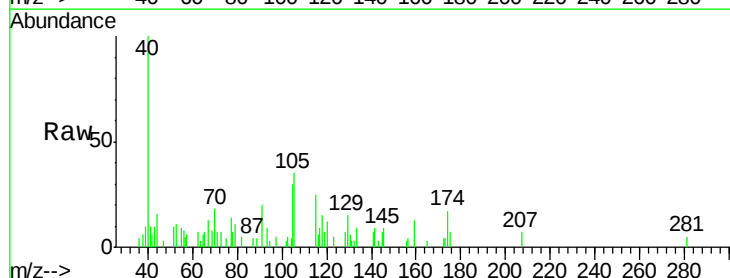
Acq: 05 Mar 2019 19:03

Tgt Ion:105 Resp: 2222

Ion Ratio Lower Upper

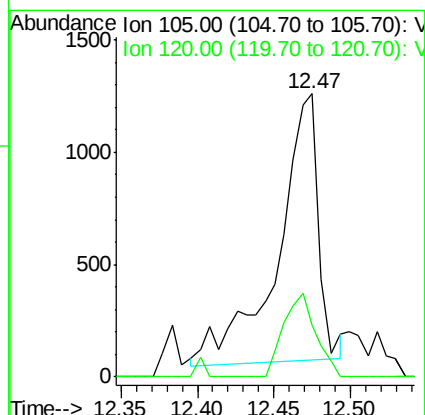
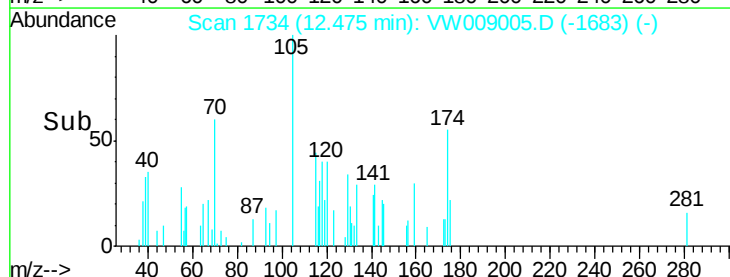
105 100

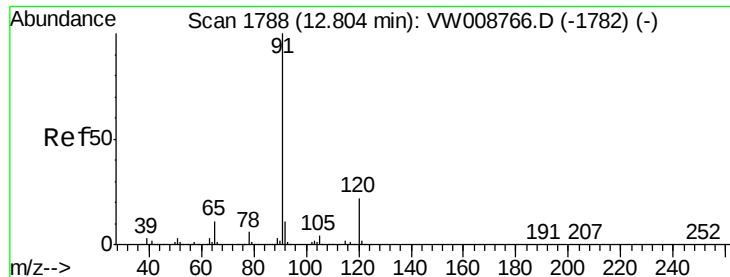
120 24.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 10.326 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW009005.D

Acq: 05 Mar 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

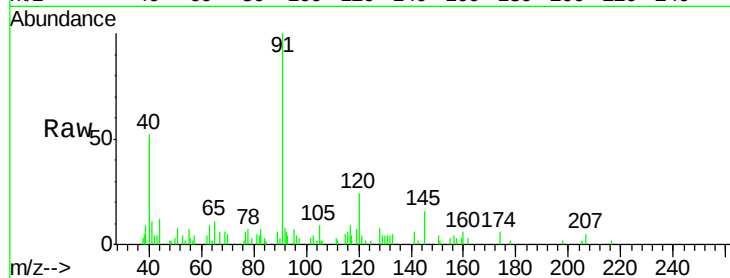
JC-03-030119-FRE

Tot Ion: 91 Resp: 4605

Ion Ratio Lower Upper

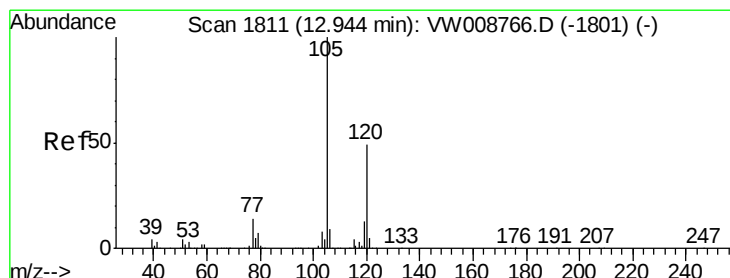
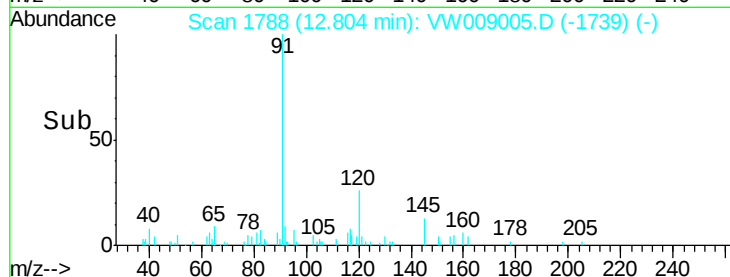
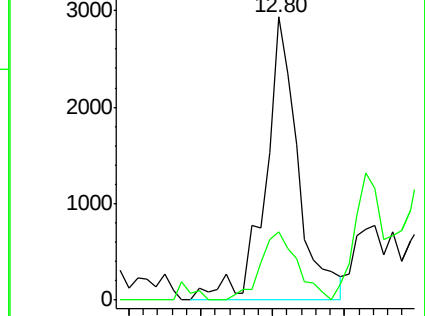
91 100

120 27.3 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 19.551 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW009005.D

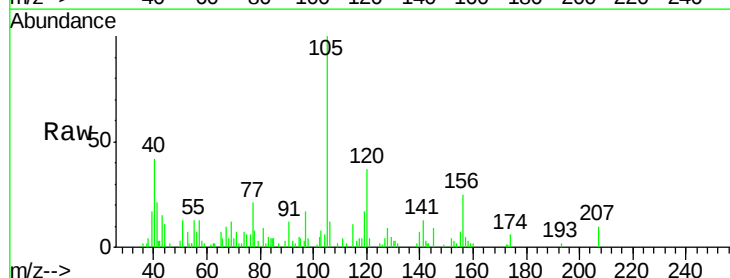
Acq: 05 Mar 2019 19:03

Tgt Ion: 105 Resp: 6194

Ion Ratio Lower Upper

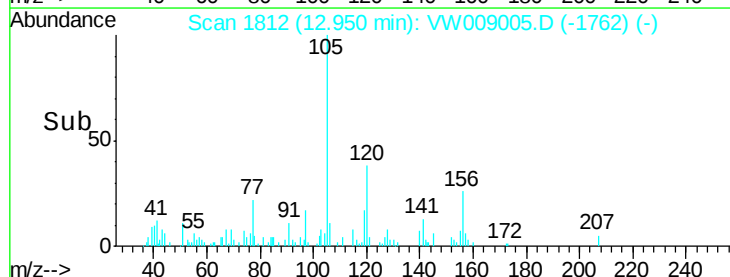
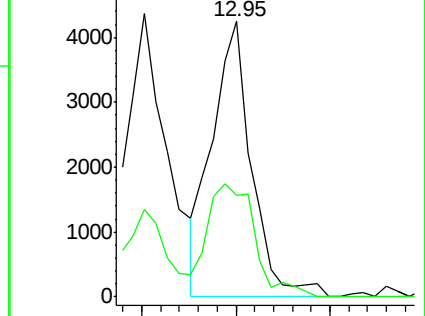
105 100

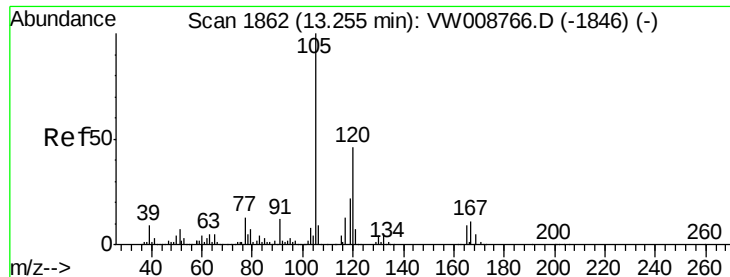
120 49.1 24.8 74.4



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: 38.797 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW009005.D

Acq: 05 Mar 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

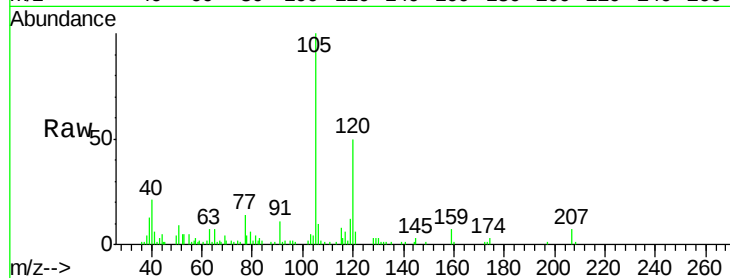
JC-03-030119-FRE

Tot Ion:105 Resp: 12724

Ion Ratio Lower Upper

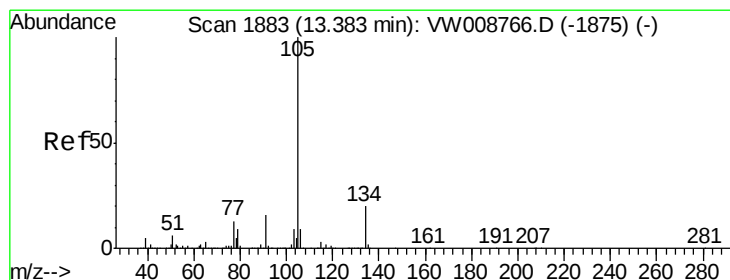
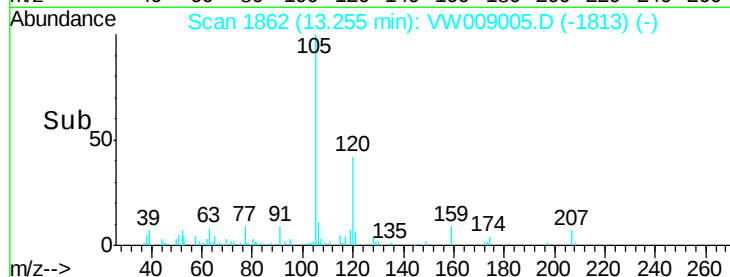
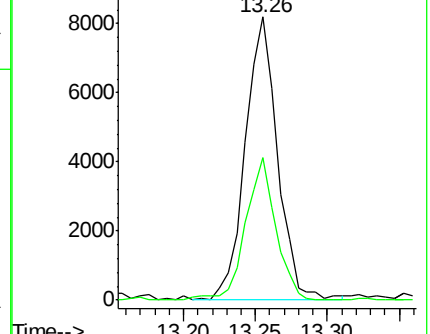
105 100

120 47.2 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 5.735 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VW009005.D

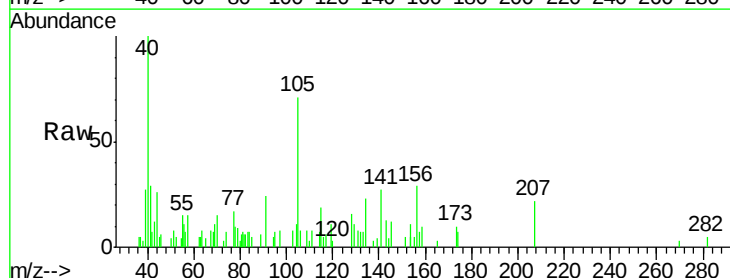
Acq: 05 Mar 2019 19:03

Tgt Ion:105 Resp: 2259

Ion Ratio Lower Upper

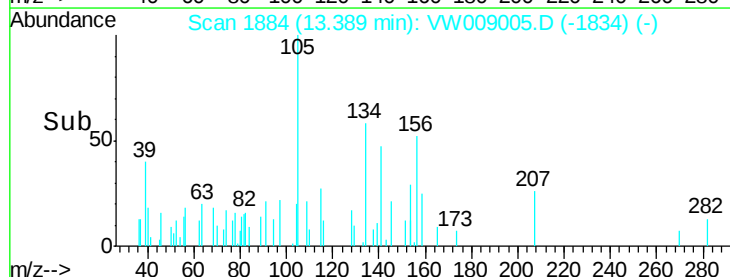
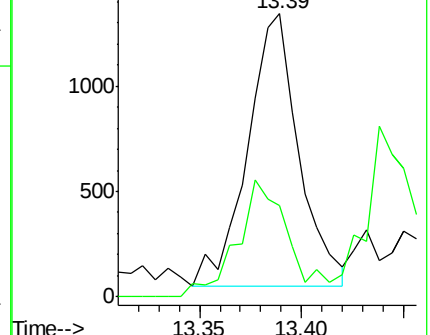
105 100

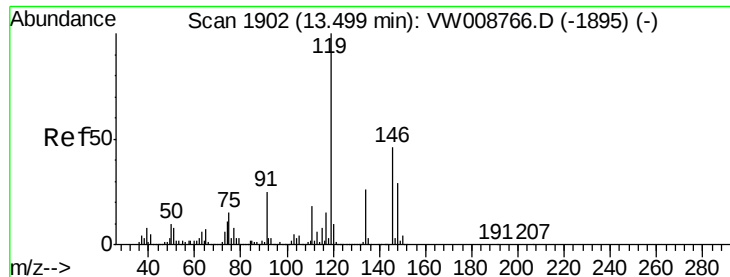
134 43.1 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

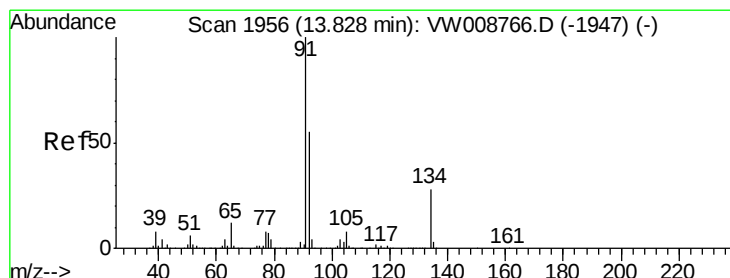
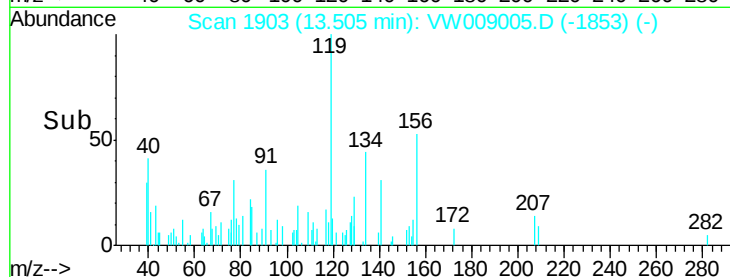
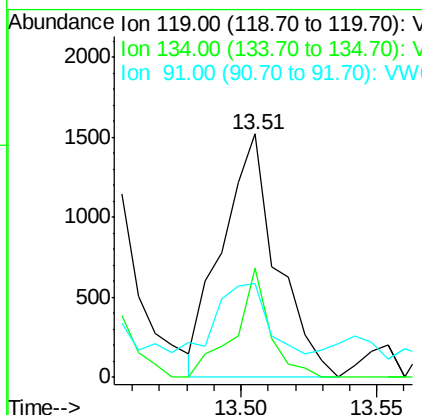
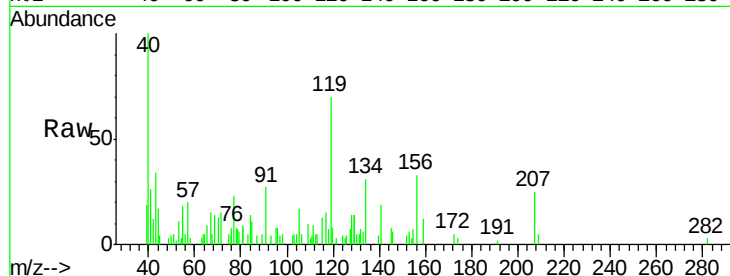




#86
 p-Isopropyltoluene
 Concen: 5.888 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW009005.D
 Acq: 05 Mar 2019 19:03

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-FRE

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.6	13.1	39.3
91	26.2	12.1	36.3



#89
 n-Butylbenzene
 Concen: 7.458 ug/l
 RT: 13.82 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: VW009005.D
 Acq: 05 Mar 2019 19:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	76.0	26.8	80.4
134	0.0	13.5	40.4#

