

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008295.D
 Acq On : 15 Jan 2019 21:23
 Operator : SY/VA
 Sample : K1010-05
 Misc : 5.29G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-011519-B

Quant Time: Jan 16 03:14:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

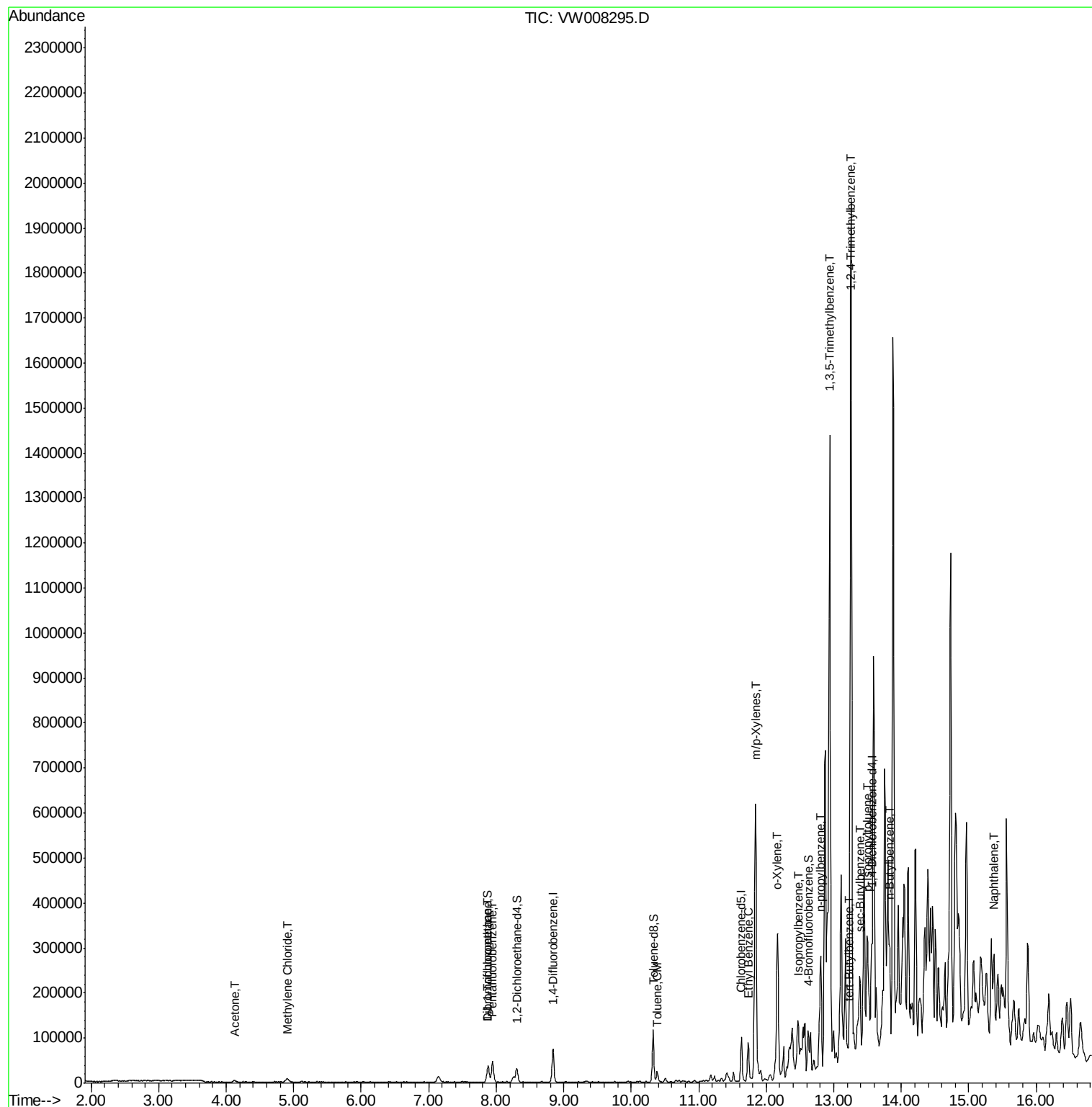
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	31496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	59925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	52763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	23288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	23289	65.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.58%	
35) Dibromofluoromethane	7.88	113	20470	58.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.14%	
50) Toluene-d8	10.32	98	74640	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.62	95	25921	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	5050	63.596	ug/l	89
20) Methylene Chloride	4.90	84	5144	11.010	ug/l #	79
32) 1,1,1-Trichloroethane	7.87	97	7351	12.754	ug/l	96
52) Toluene	10.39	92	9661	9.035	ug/l	96
67) Ethyl Benzene	11.73	91	54994	26.888	ug/l	99
68) m/p-Xylenes	11.83	106	132470	169.687	ug/l	100
69) o-Xylene	12.16	106	82648	114.323	ug/l	95
73) Isopropylbenzene	12.46	105	54249	29.671	ug/l	99
78) n-propylbenzene	12.80	91	194249	86.710	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	244748	162.900	ug/l	96
83) tert-Butylbenzene	13.21	119	6349	4.777	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	1011227	652.579	ug/l	98
85) sec-Butylbenzene	13.39	105	96571	49.598	ug/l	81
86) p-Isopropyltoluene	13.50	119	85571	50.893	ug/l	98
89) n-Butylbenzene	13.83	91	122805m	74.574	ug/l	
95) Naphthalene	15.37	128	148779	174.256	ug/l	99

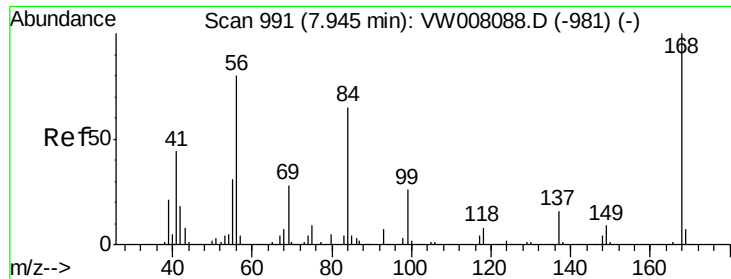
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011519\
Data File : VW008295.D
Acq On : 15 Jan 2019 21:23
Operator : SY/VA
Sample : K1010-05
Misc : 5.29G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

Quant Time: Jan 16 03:14:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 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: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

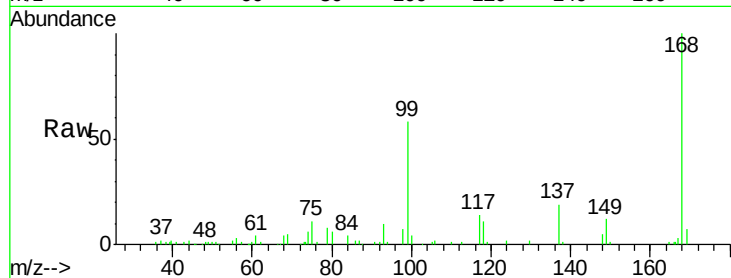
OK-011519-B

Tot Ion:168 Resp: 31496

Ion Ratio Lower Upper

168 100

99 57.9 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

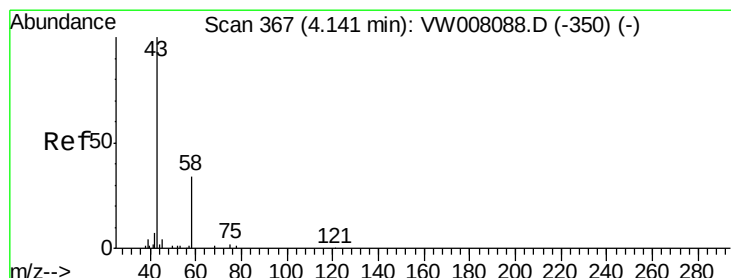
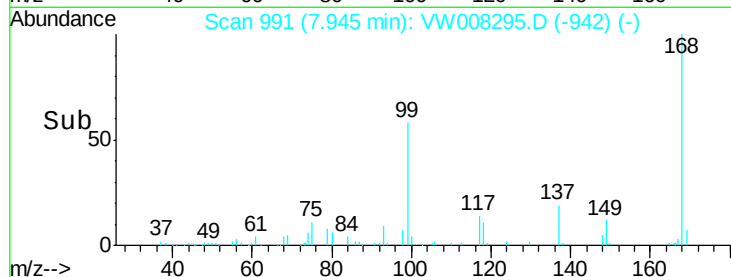
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 63.596 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008295.D

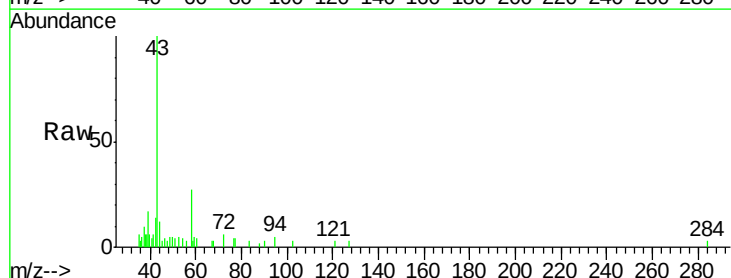
Acq: 15 Jan 2019 21:23

Tgt Ion: 43 Resp: 5050

Ion Ratio Lower Upper

43 100

58 27.9 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2000

1500

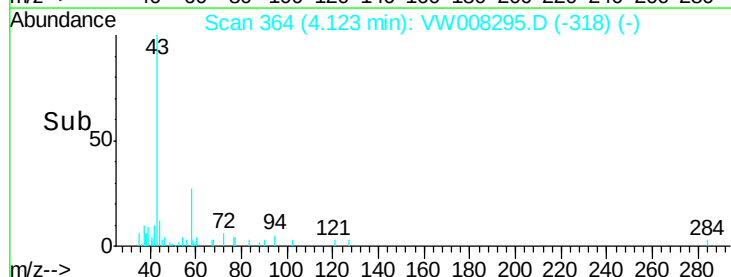
1000

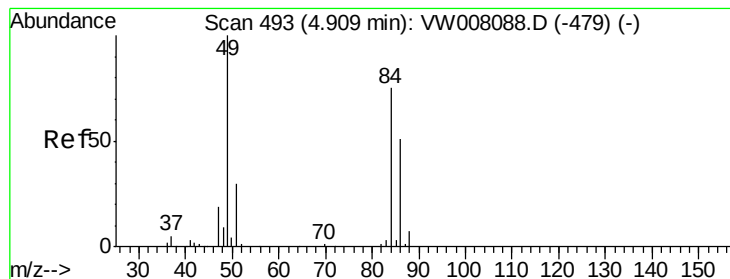
500

0

4.00 4.05 4.10 4.15 4.20

Time-->





#20

Methylene Chloride

Concen: 11.010 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

OK-01-011519-B

Tot Ion: 84 Resp: 5144

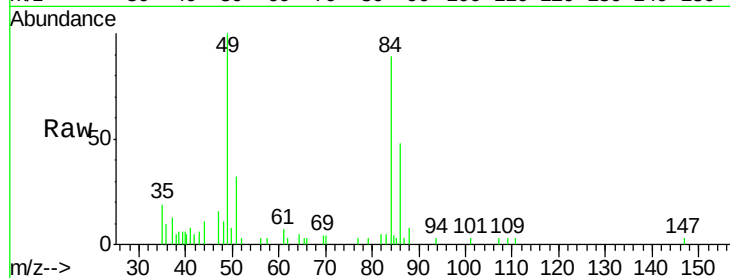
Ion Ratio Lower Upper

84 100

49 103.9 107.1 160.7#

51 33.7 32.4 48.6

86 51.7 54.2 81.4#

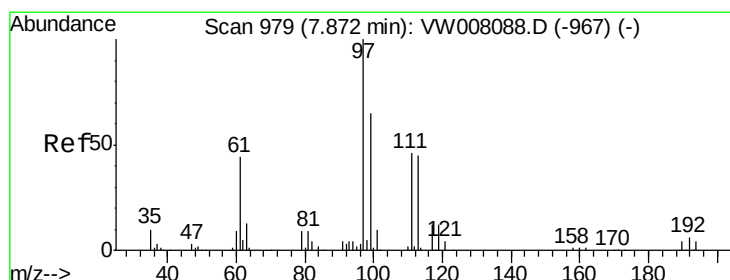
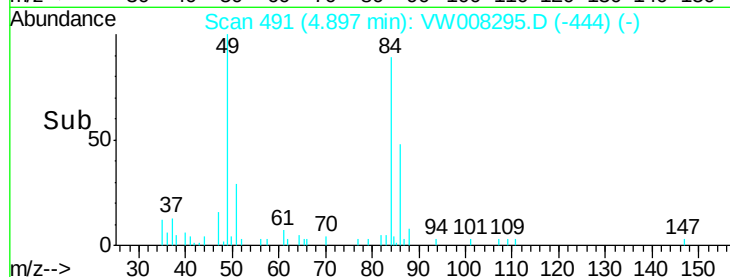
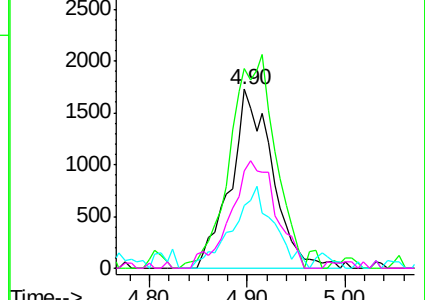


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#32

1,1,1-Trichloroethane

Concen: 12.754 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

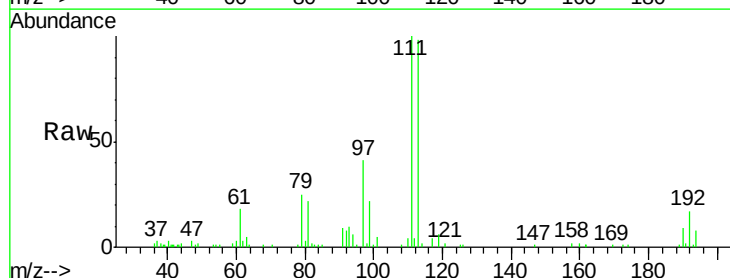
Tgt Ion: 97 Resp: 7351

Ion Ratio Lower Upper

97 100

99 66.2 51.4 77.0

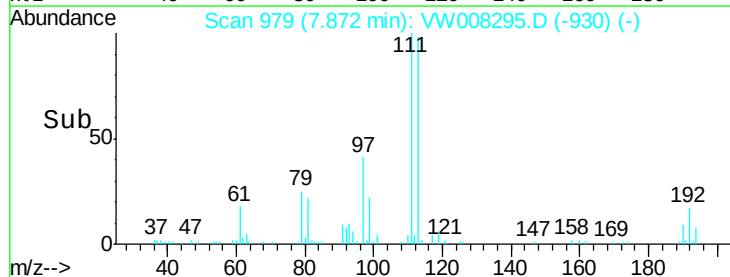
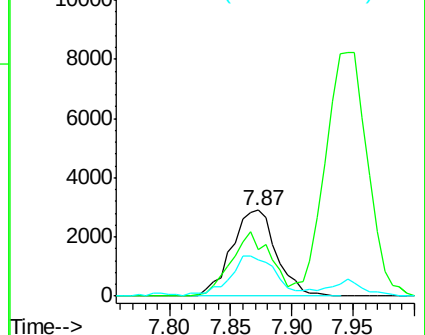
61 47.7 35.6 53.4

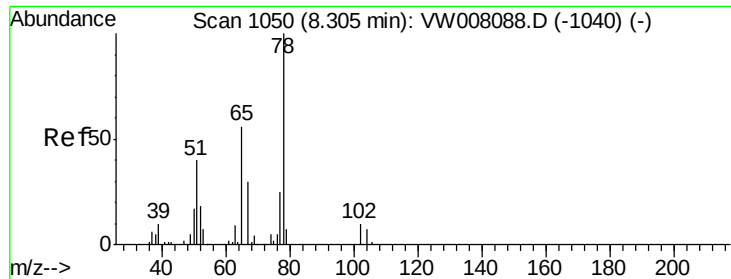


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

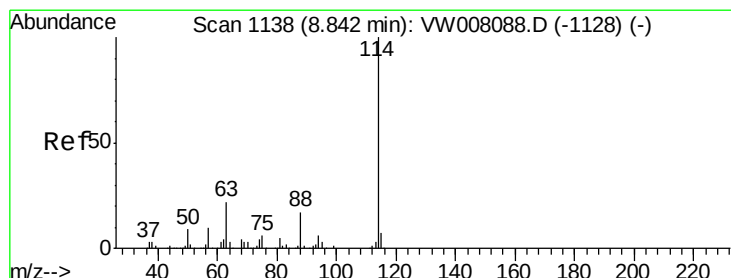
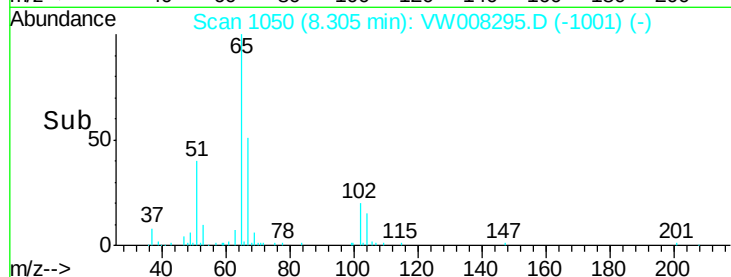
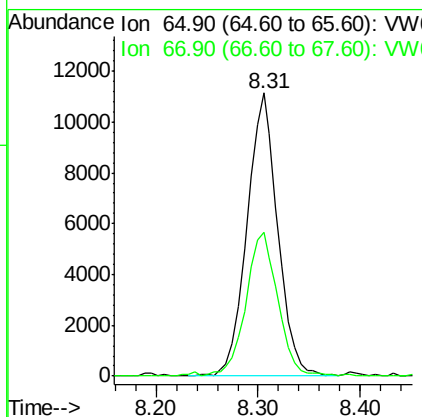
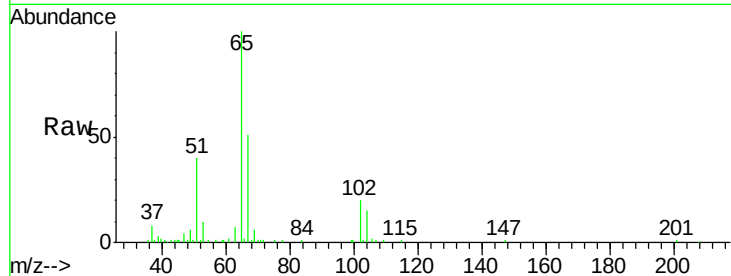




#33
 1,2-Dichloroethane-d4
 Concen: 65.790 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

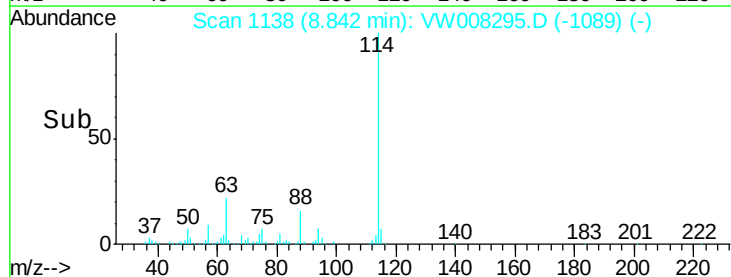
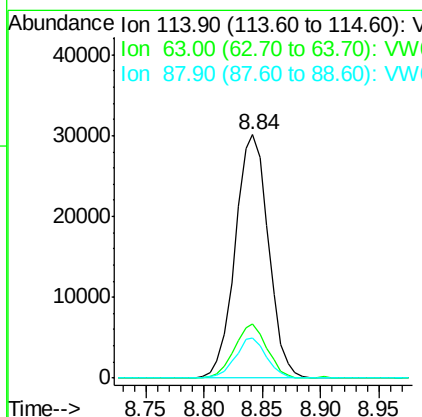
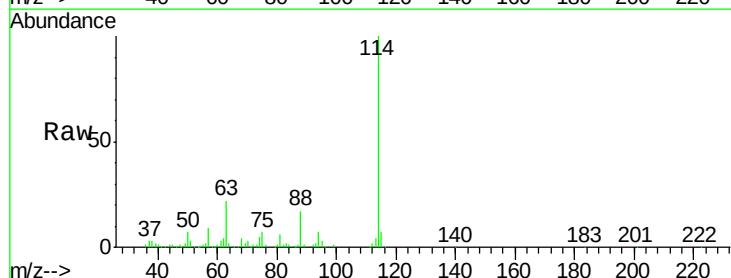
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-011519-B

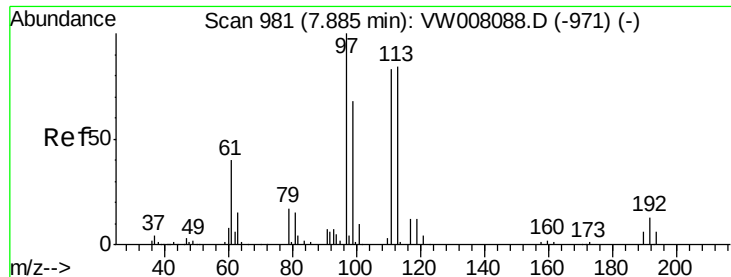
Tot Ion: 65 Resp: 23289
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

Tgt Ion: 114 Resp: 59925
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 16.5 0.0 33.4

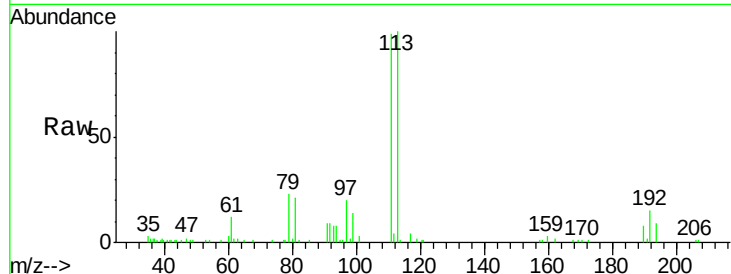




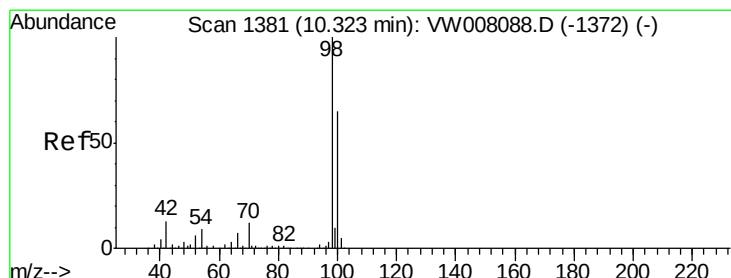
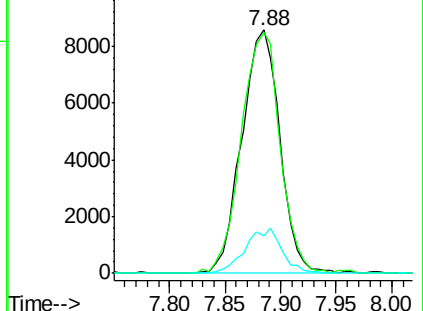
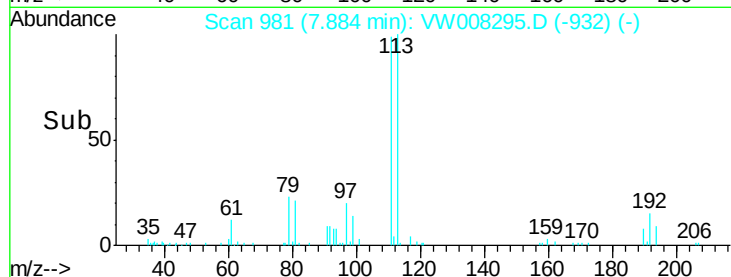
#35
 Dibromofluoromethane
 Concen: 58.568 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-011519-B

Tot Ion:113 Resp: 20470
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.8 122.8
 192 17.9 12.8 19.2

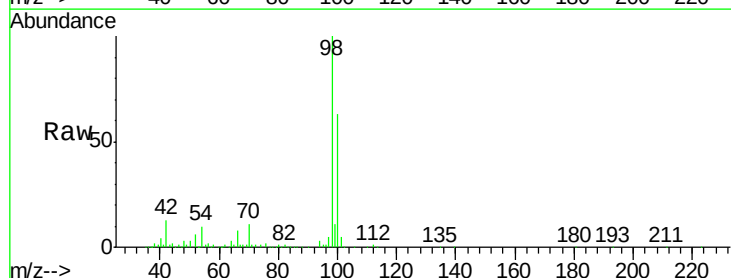


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

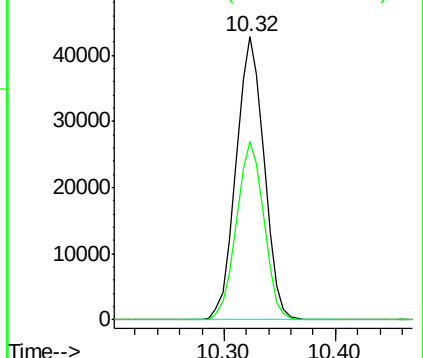
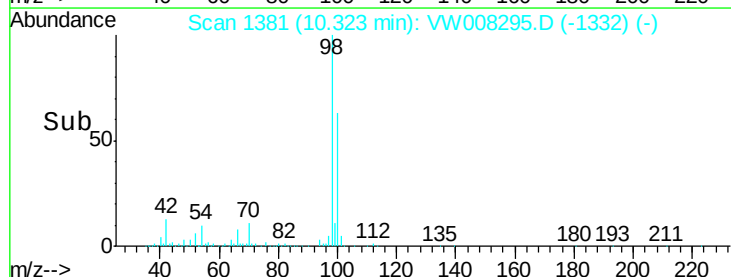


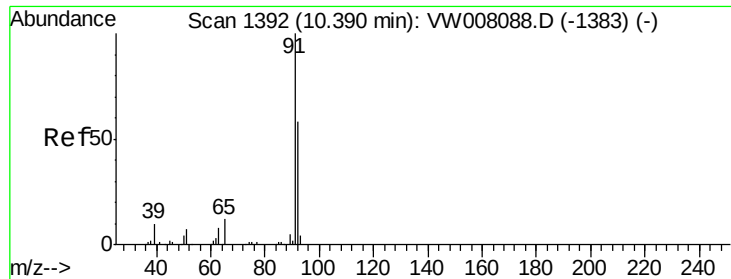
#50
 Toluene-d8
 Concen: 50.891 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

Tgt Ion: 98 Resp: 74640
 Ion Ratio Lower Upper
 98 100
 100 61.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 9.035 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

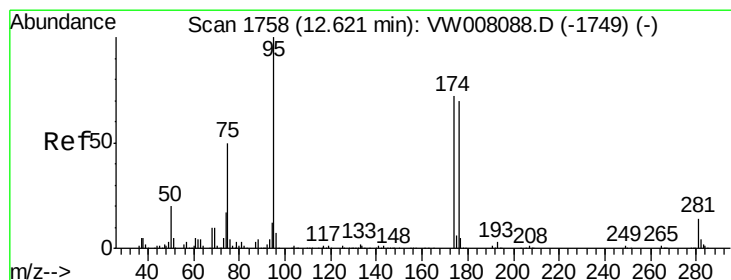
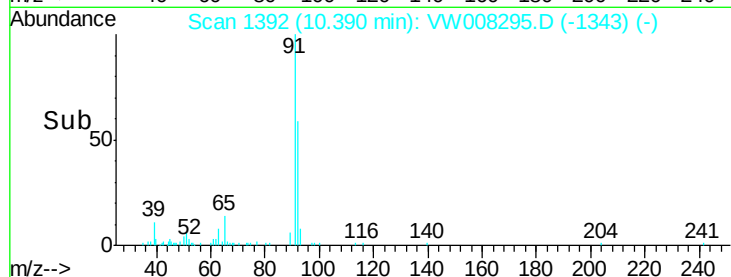
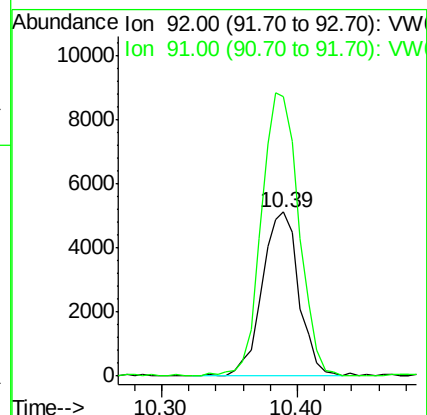
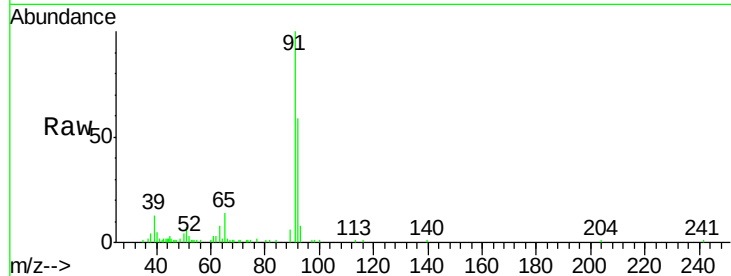
OK-01-011519-B

Tot Ion: 92 Resp: 9661

Ion Ratio Lower Upper

92 100

91 176.0 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 49.299 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

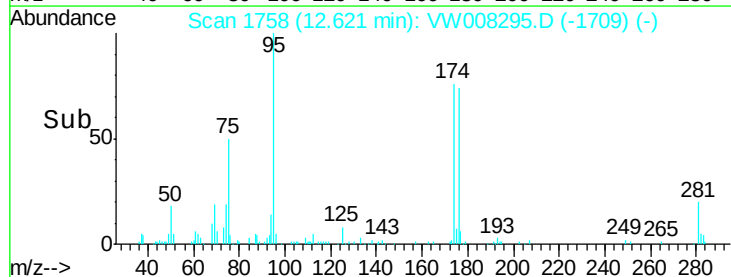
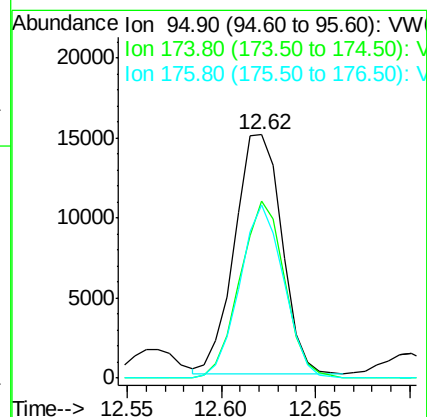
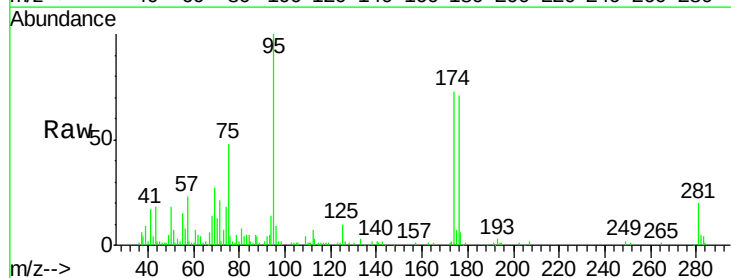
Tgt Ion: 95 Resp: 25921

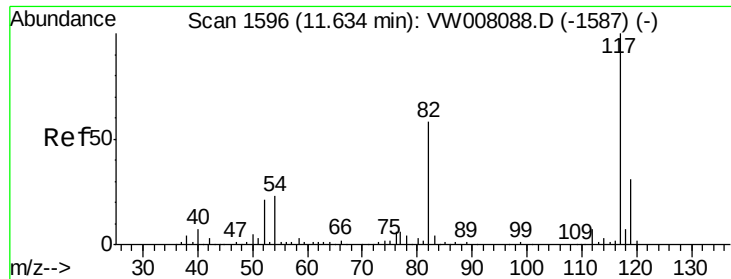
Ion Ratio Lower Upper

95 100

174 70.4 0.0 143.0

176 67.6 0.0 140.2

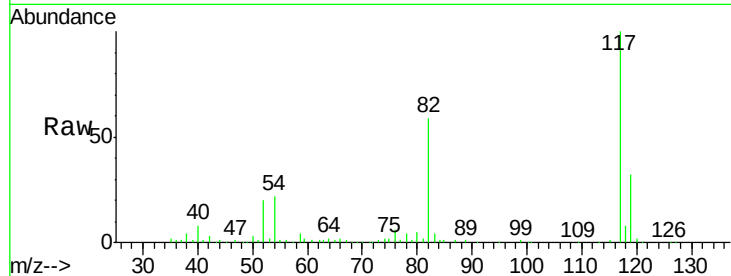




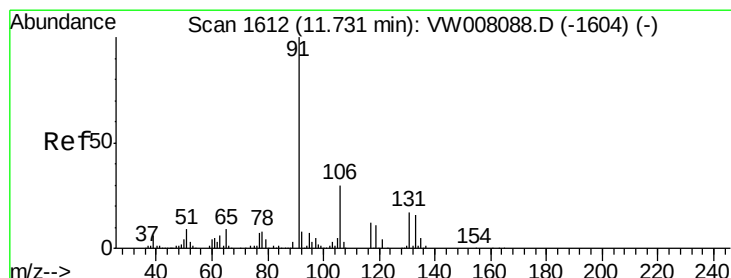
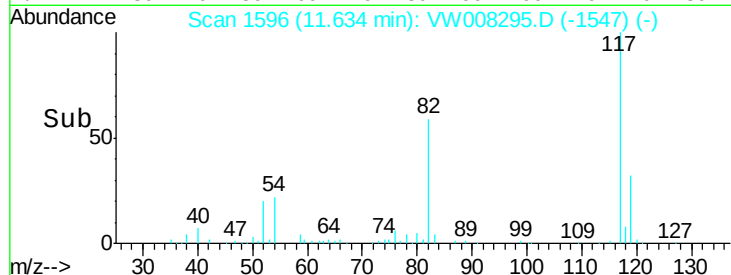
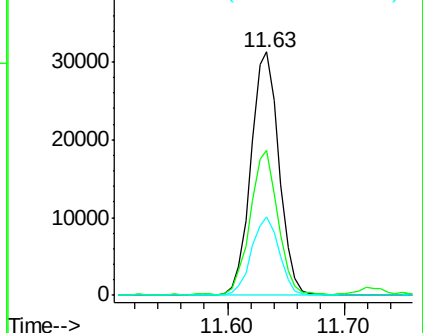
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

Tot Ion:117 Resp: 52763
Ion Ratio Lower Upper
117 100
82 59.0 46.4 69.6
119 32.0 24.7 37.1

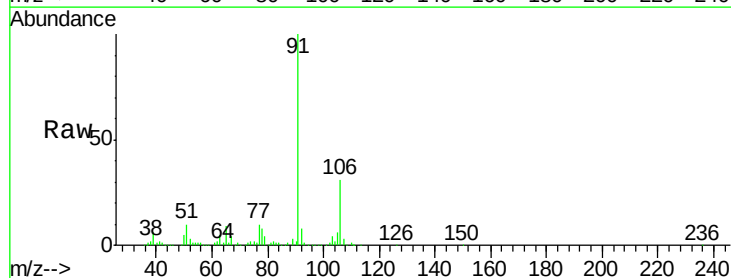


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

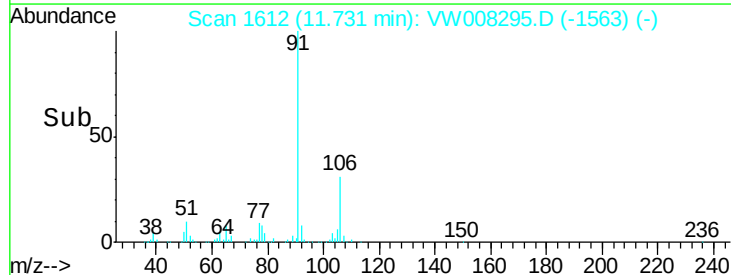
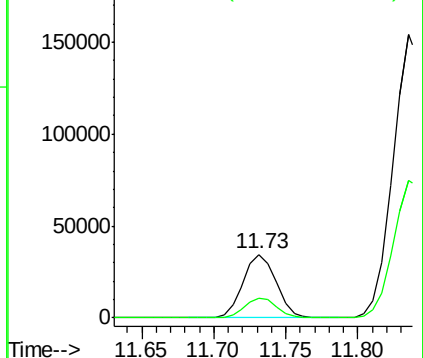


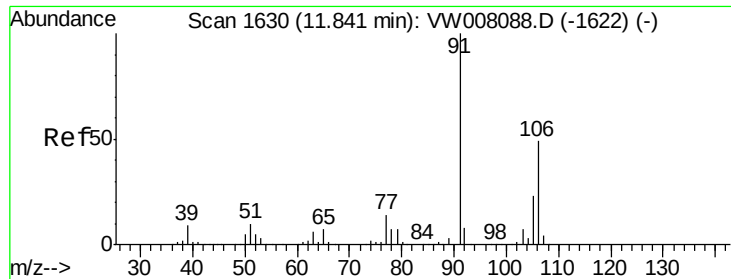
#67
Ethyl Benzene
Concen: 26.888 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Tgt Ion: 91 Resp: 54994
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V

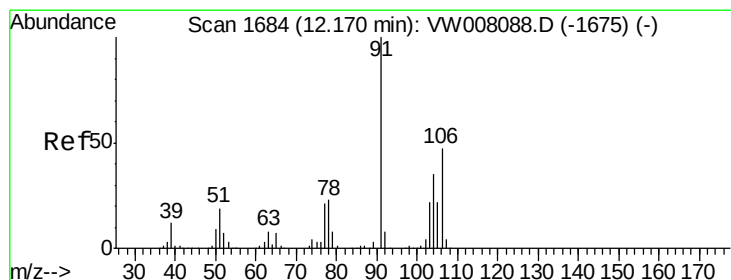
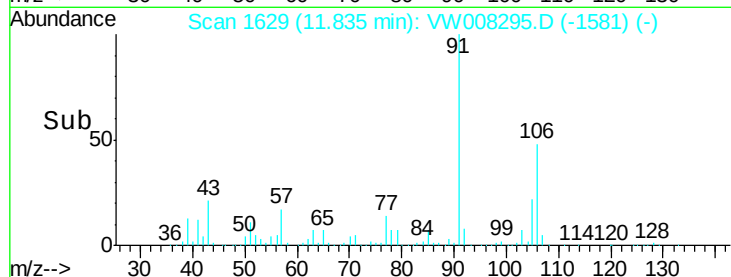
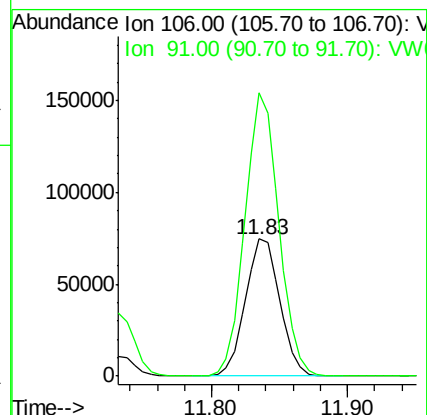
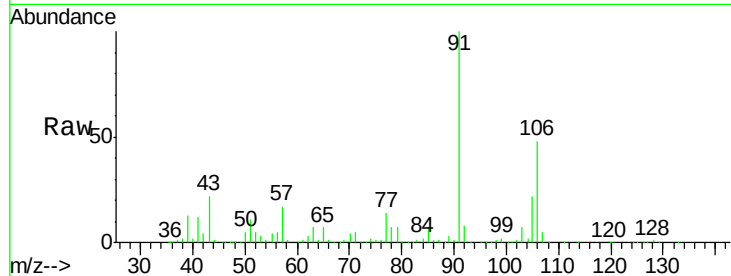




#68
m/p-Xylenes
Concen: 169.687 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

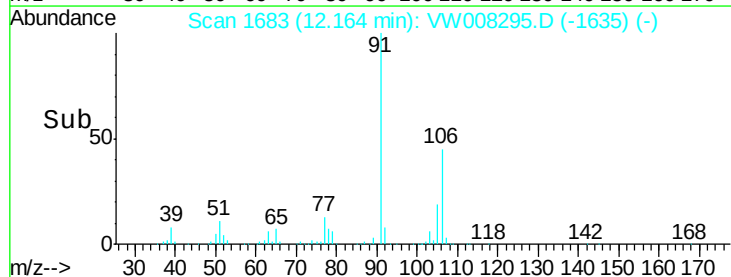
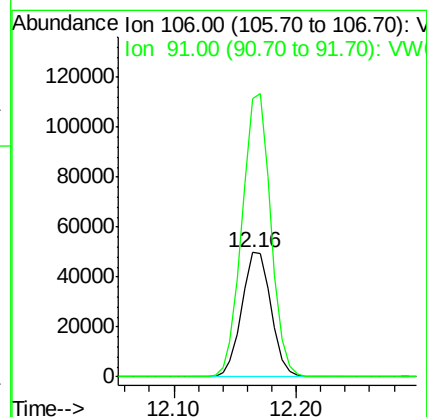
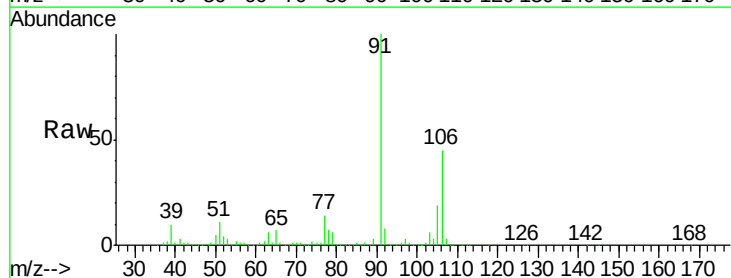
Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

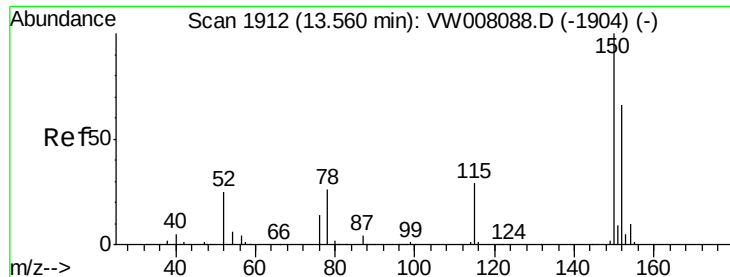
Tot Ion:106 Resp: 132470
Ion Ratio Lower Upper
106 100
91 202.5 162.4 243.6



#69
o-Xylene
Concen: 114.323 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Tgt Ion:106 Resp: 82648
Ion Ratio Lower Upper
106 100
91 222.9 107.8 323.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

OK-01-011519-B

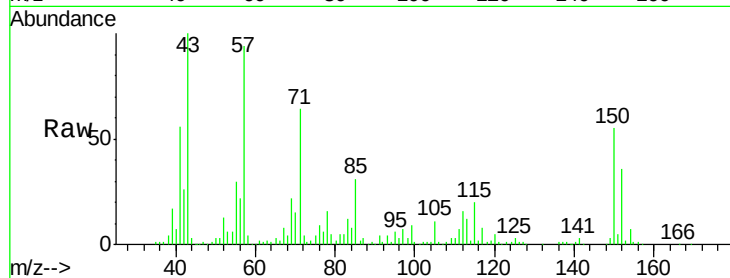
Tot Ion:152 Resp: 23288

Ion Ratio Lower Upper

152 100

115 0.0 30.8 92.4#

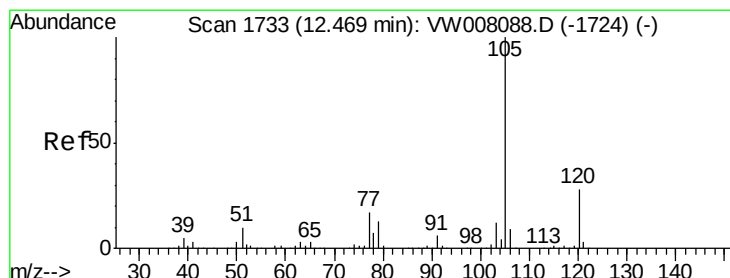
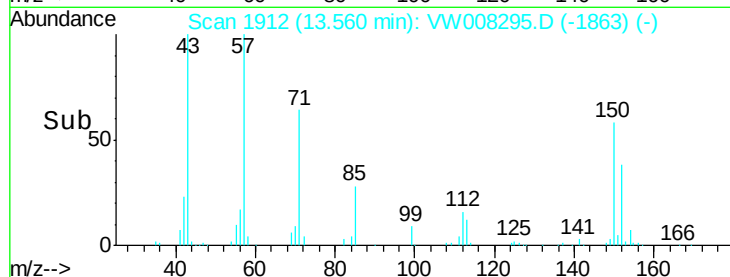
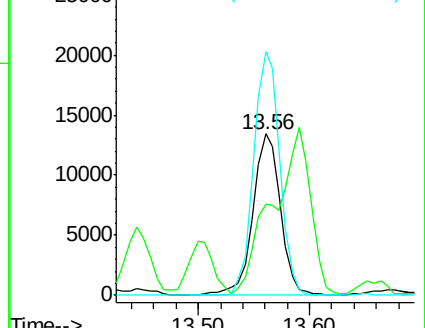
150 141.7 0.0 350.2



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: 29.671 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008295.D

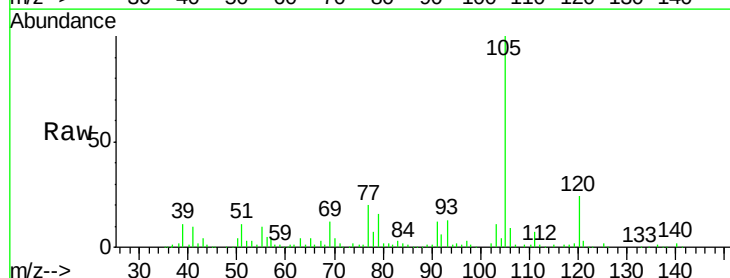
Acq: 15 Jan 2019 21:23

Tgt Ion:105 Resp: 54249

Ion Ratio Lower Upper

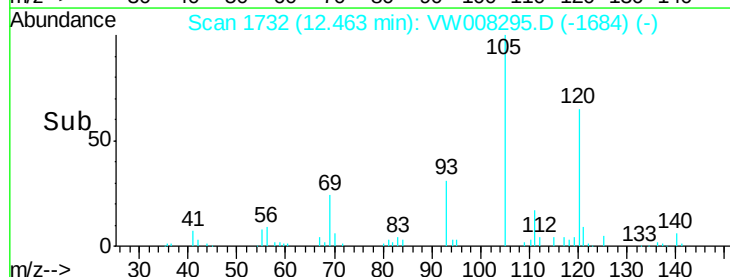
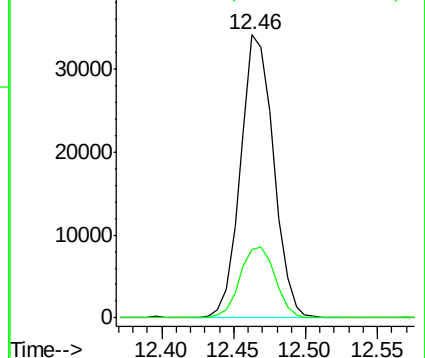
105 100

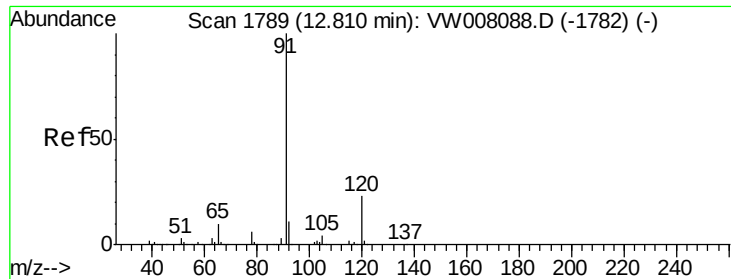
120 26.7 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 86.710 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

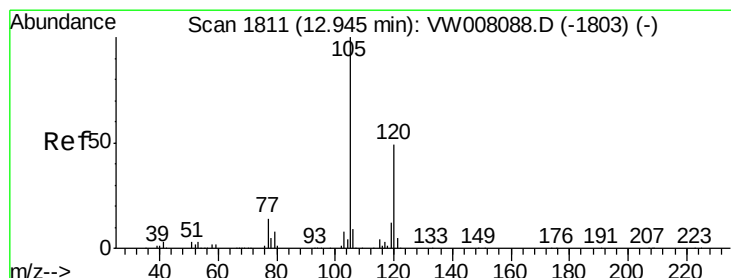
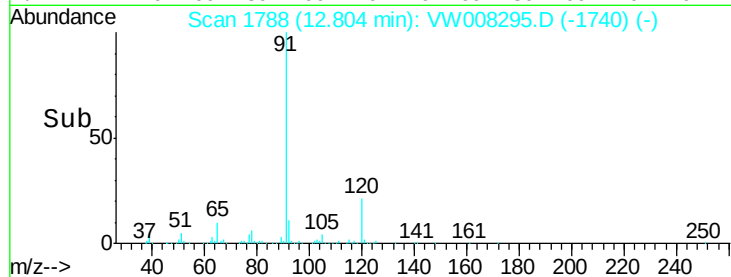
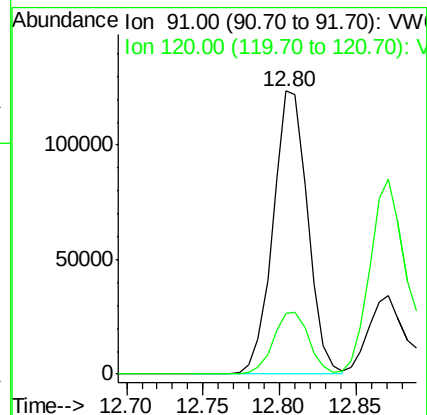
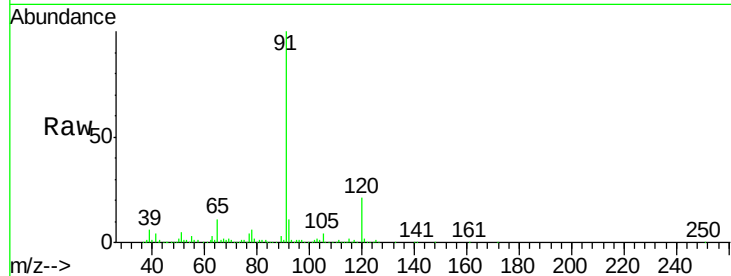
OK-01-011519-B

Tot Ion: 91 Resp: 194249

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8



#80

1,3,5-Trimethylbenzene

Concen: 162.900 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008295.D

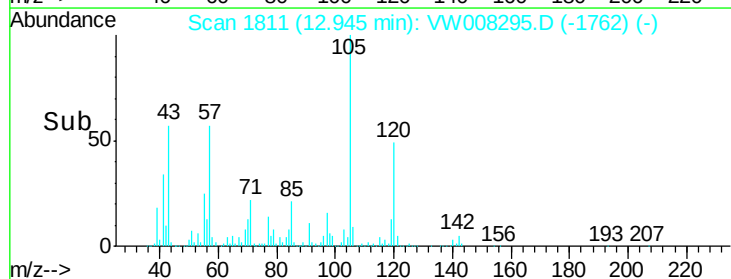
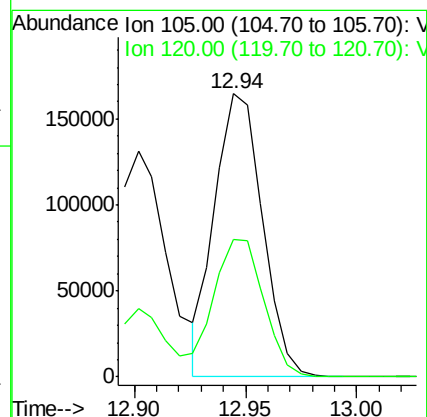
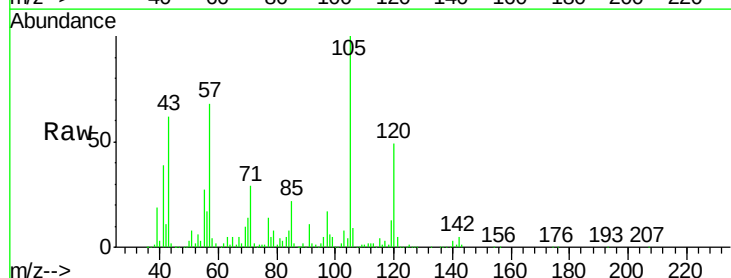
Acq: 15 Jan 2019 21:23

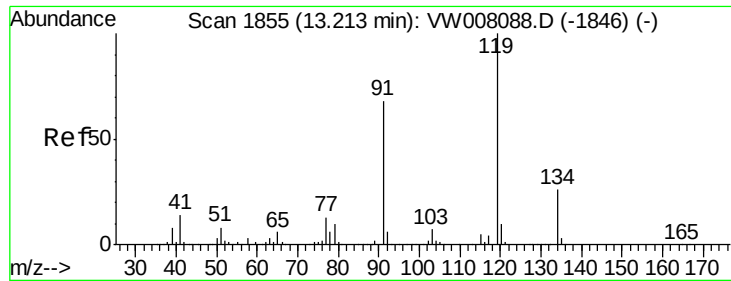
Tgt Ion:105 Resp: 244748

Ion Ratio Lower Upper

105 100

120 52.2 24.7 74.1

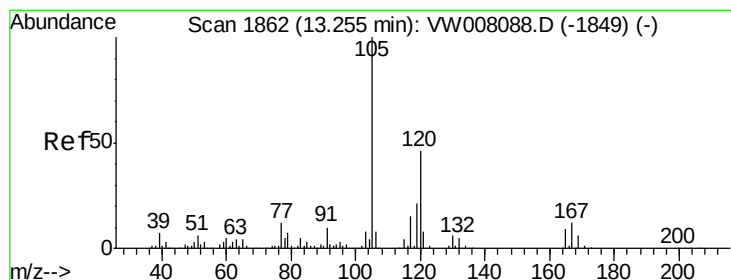
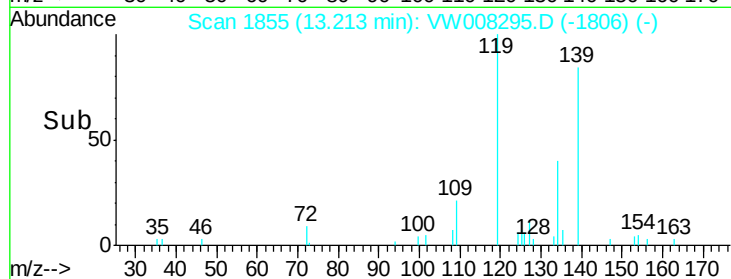
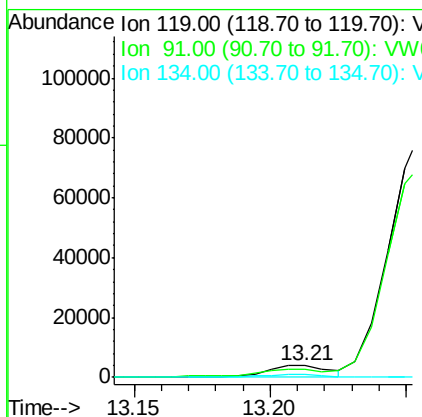
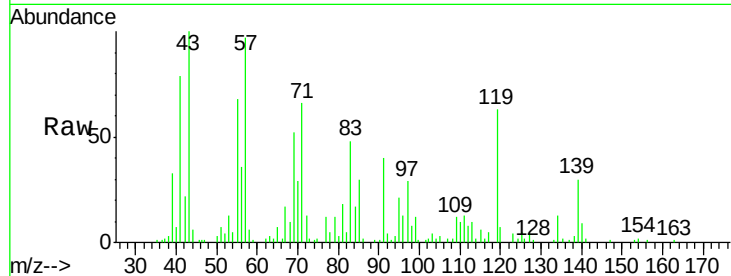




#83
 tert-Butylbenzene
 Concen: 4.777 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

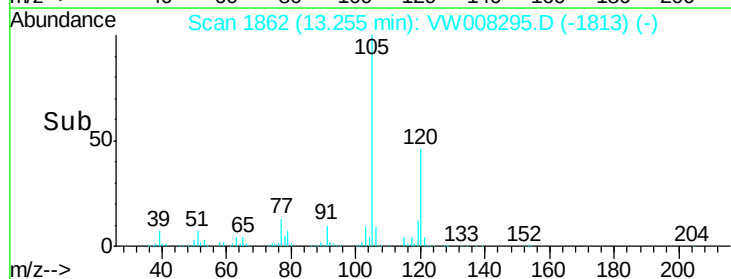
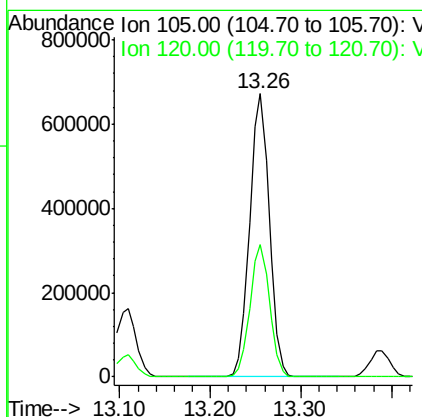
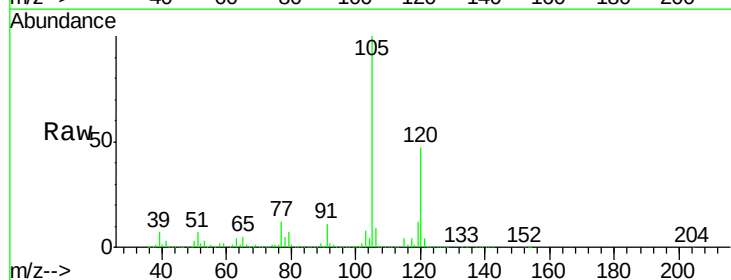
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-011519-B

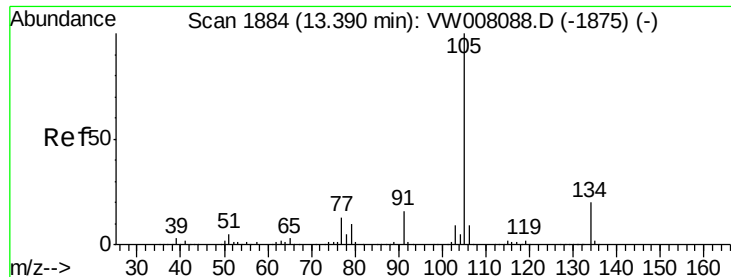
Tot Ion:119 Resp: 6349
 Ion Ratio Lower Upper
 119 100
 91 63.9 33.9 101.6
 134 24.6 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 652.579 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

Tgt Ion:105 Resp: 1011227
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.7 68.1

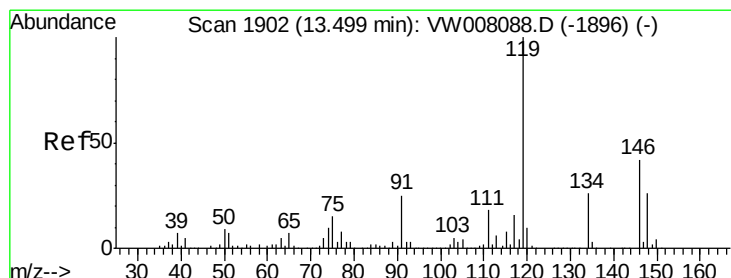
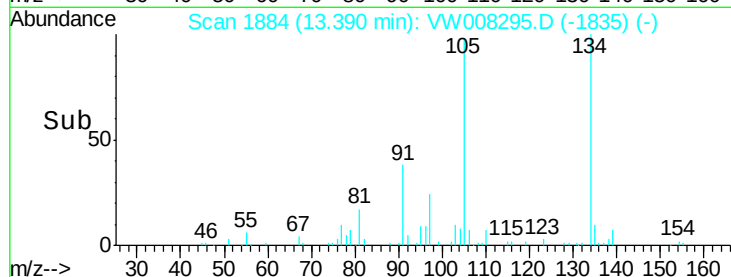
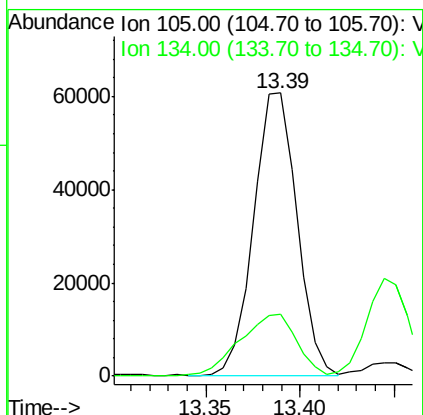
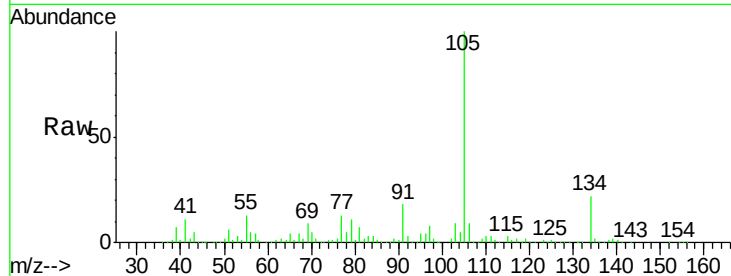




#85
 sec-Butylbenzene
 Concen: 49.598 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

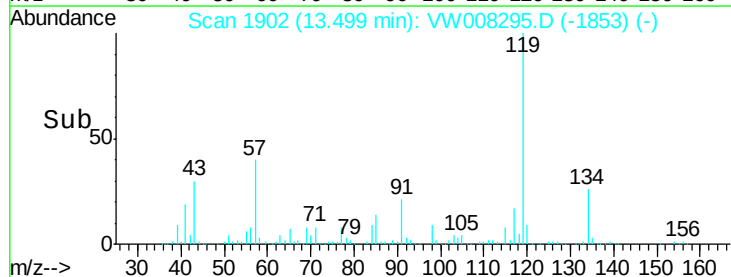
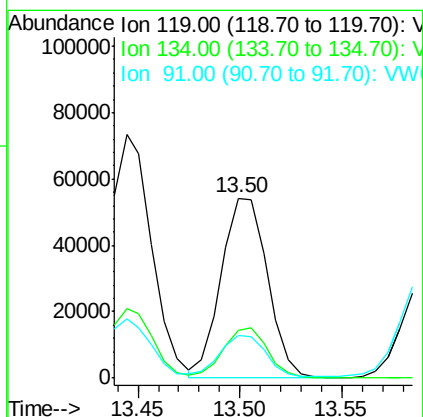
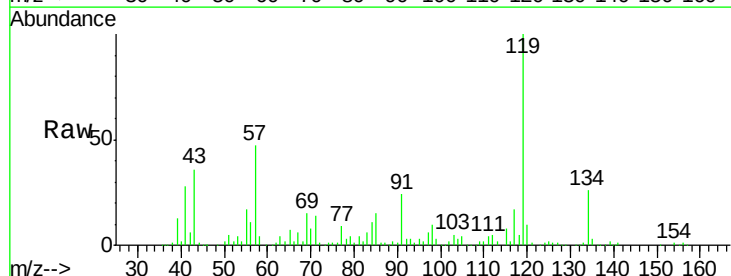
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-011519-B

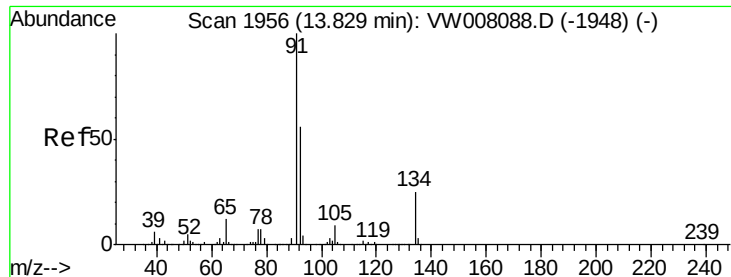
Tot Ion:105 Resp: 96571
 Ion Ratio Lower Upper
 105 100
 134 29.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.893 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

Tgt Ion:119 Resp: 85571
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 22.5 12.3 36.9





#89

n-Butylbenzene

Concen: 74.574 ug/l m

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

OK-01-011519-B

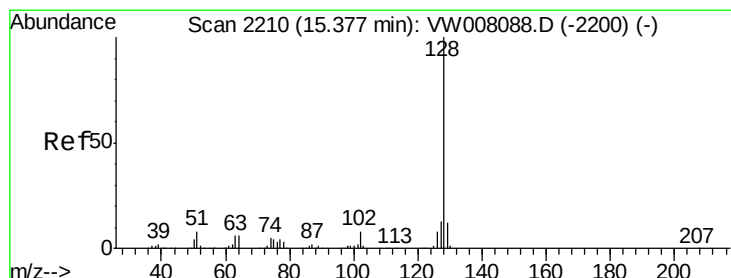
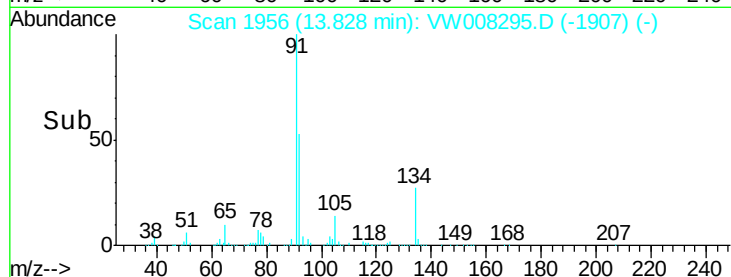
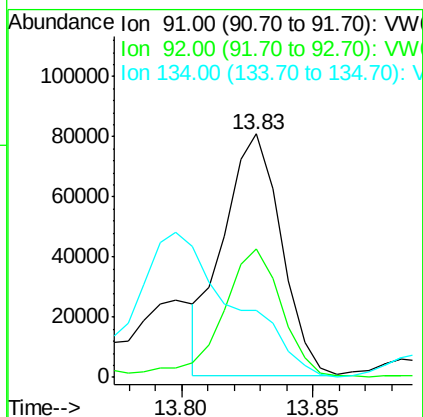
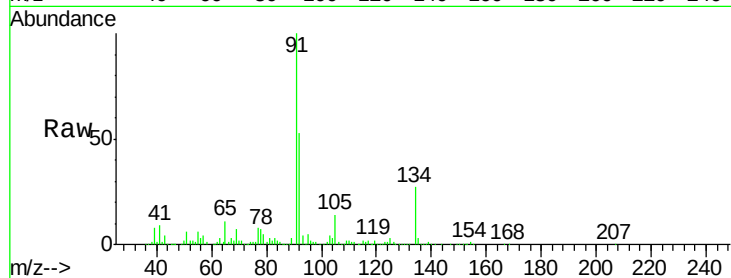
Tot Ion: 91 Resp: 122805

Ion Ratio Lower Upper

91 100

92 54.1 27.4 82.2

134 0.0 12.6 37.8#



#95

Naphthalene

Concen: 174.256 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Tgt Ion: 128 Resp: 148779

Ion Ratio Lower Upper

128 100

127 14.5 11.0 16.4

129 11.3 9.0 13.6

