

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
 Data File : VW008357.D
 Acq On : 18 Jan 2019 15:42
 Operator : SY/VA
 Sample : K1011-07
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-011719-B

Quant Time: Jan 19 03:43:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	83665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	159077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	145708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59245	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	53836	61.86	ug/l	0.00
Spiked Amount			Recovery	=	123.72%	
35) Dibromofluoromethane	7.88	113	51413	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	
50) Toluene-d8	10.32	98	203284	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.62	95	66840	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	

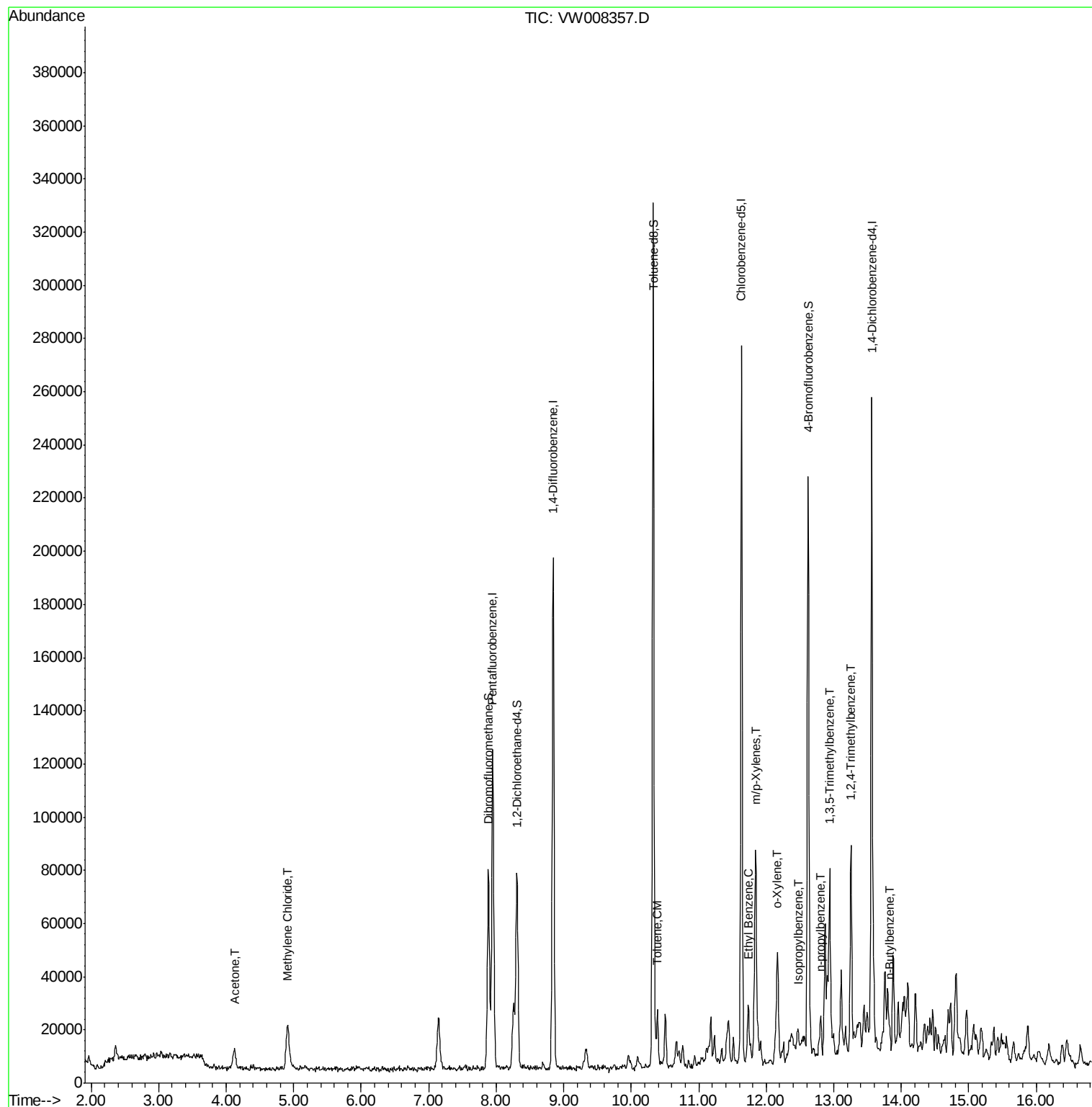
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	13898	68.762	ug/l	97
20) Methylene Chloride	4.90	84	14125	12.393	ug/l	94
52) Toluene	10.39	92	8658	3.018	ug/l	100
67) Ethyl Benzene	11.73	91	13964	2.530	ug/l	93
68) m/p-Xylenes	11.84	106	16122	7.527	ug/l	99
69) o-Xylene	12.17	106	9998	4.996	ug/l	93
73) Isopropylbenzene	12.46	105	4320	1.001	ug/l	98
78) n-propylbenzene	12.81	91	11257	2.154	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	12094	3.357	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	41940	11.429	ug/l	97
89) n-Butylbenzene	13.83	91	3995	1.048	ug/l #	81

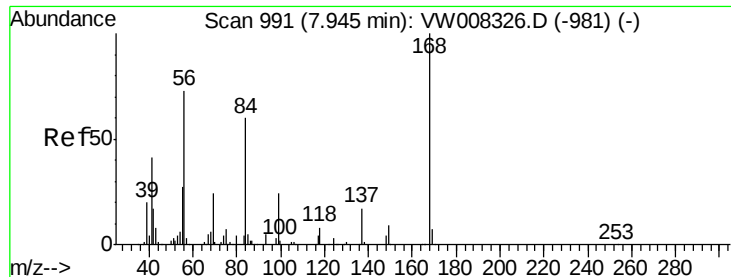
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011819\
Data File : VW008357.D
Acq On : 18 Jan 2019 15:42
Operator : SY/VA
Sample : K1011-07
Misc : 5.05G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-03-011719-B

Quant Time: Jan 19 03:43:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 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: VW008357.D

Acq: 18 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

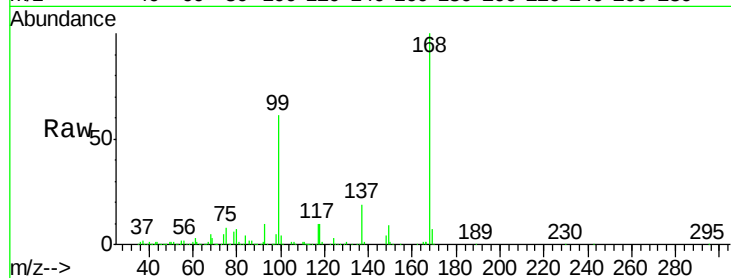
OR-03-011719-B

Tot Ion:168 Resp: 83665

Ion Ratio Lower Upper

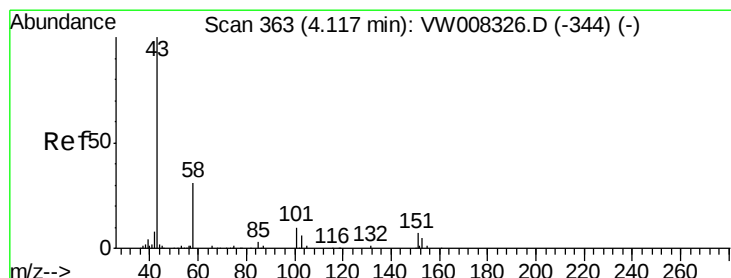
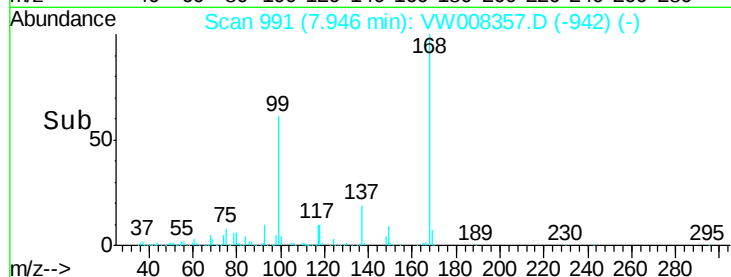
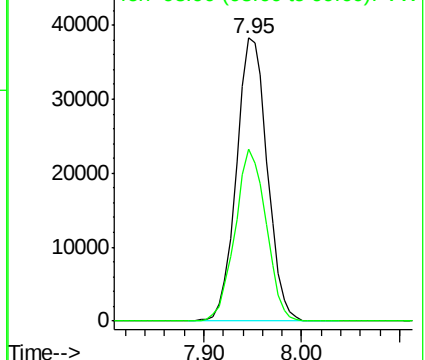
168 100

99 60.9 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 68.762 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008357.D

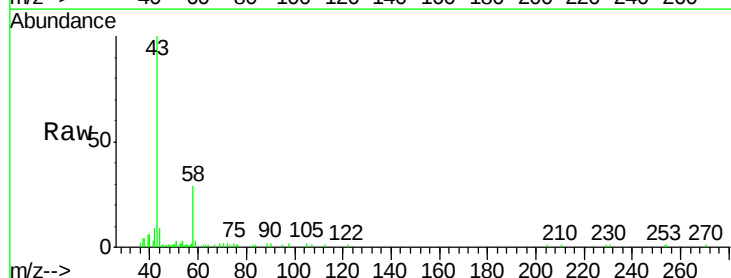
Acq: 18 Jan 2019 15:42

Tgt Ion: 43 Resp: 13898

Ion Ratio Lower Upper

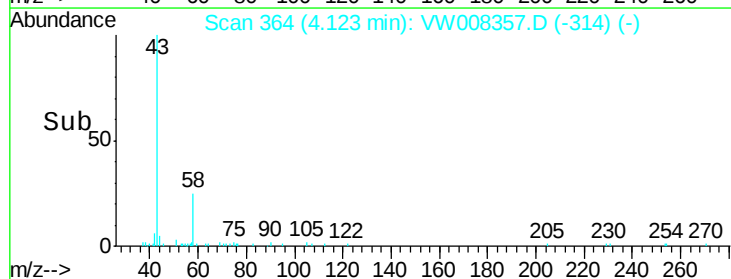
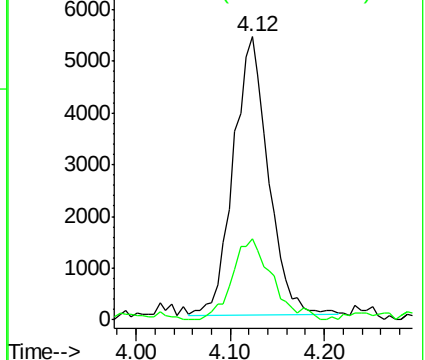
43 100

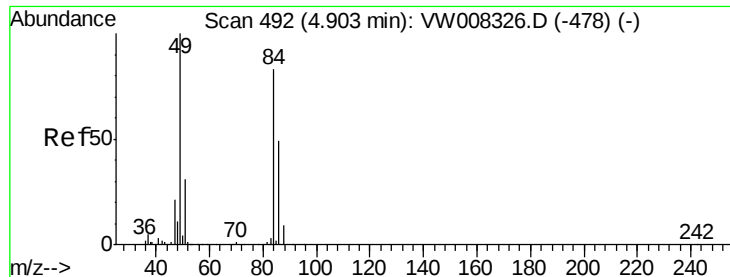
58 29.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

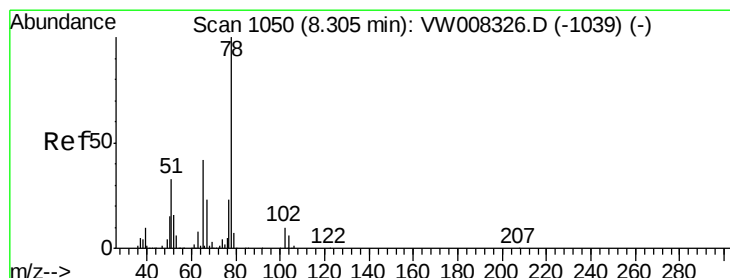
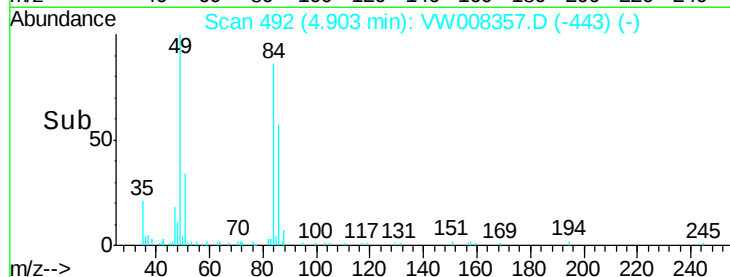
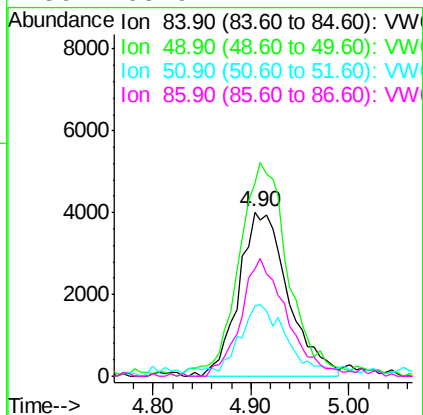
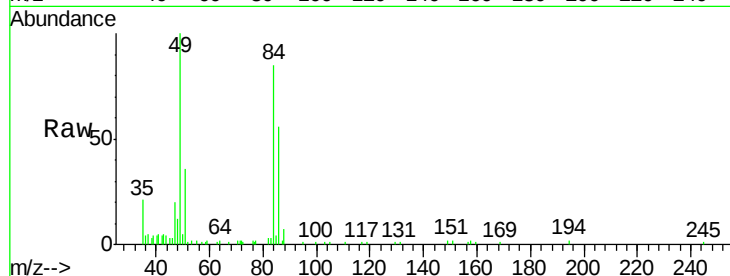




#20
Methvlene Chloride
Concen: 12.393 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW008357.D
Acq: 18 Jan 2019 15:42

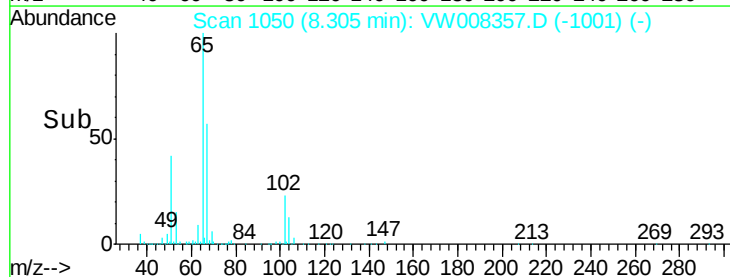
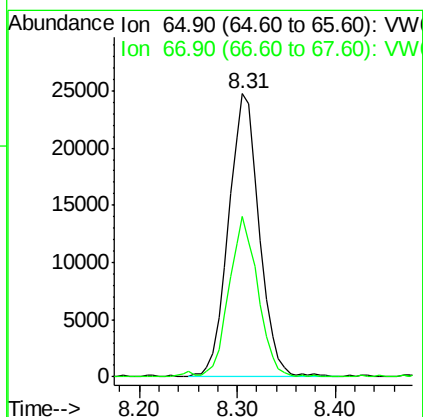
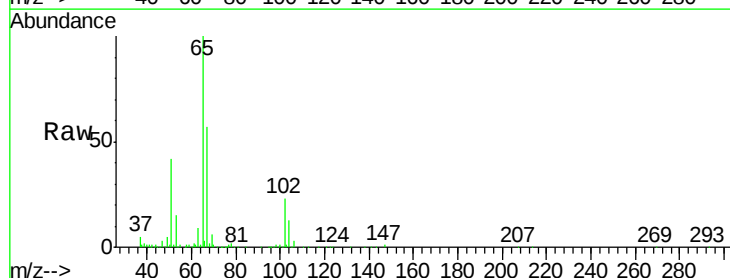
Instrument :
MSVOA_W
ClientSampleId :
OR-03-011719-B

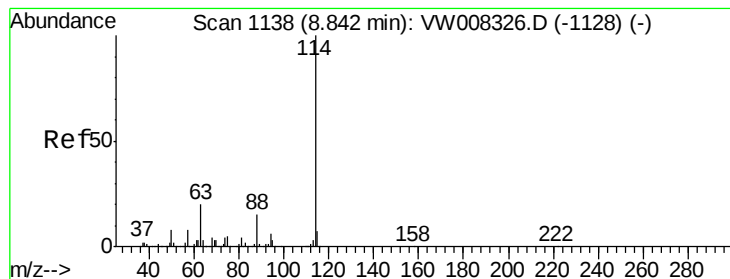
Tot Ion:	84	Resp:	14125
Ion	Ratio	Lower	Upper
84	100		
49	113.1	95.9	143.9
51	38.4	29.3	43.9
86	65.9	47.4	71.2



#33
1,2-Dichloroethane-d4
Concen: 61.859 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008357.D
Acq: 18 Jan 2019 15:42

Tgt Ion:	65	Resp:	53836
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008357.D

Acq: 18 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

OR-03-011719-B

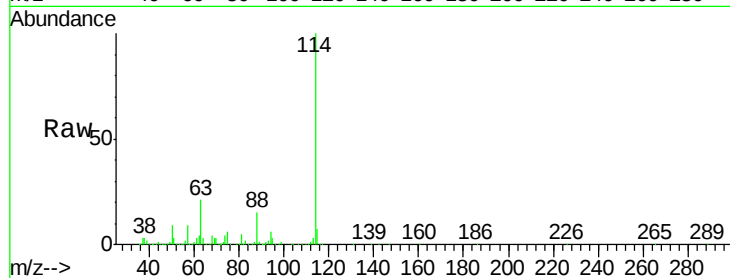
Tot Ion:114 Resp: 159077

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

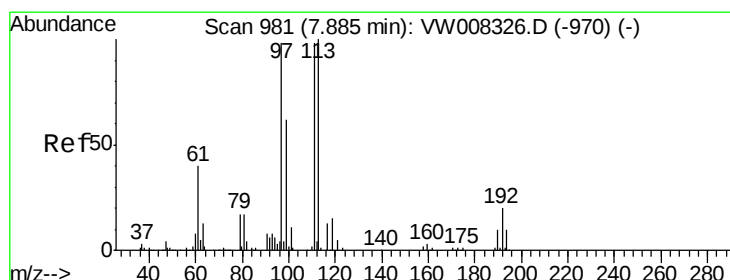
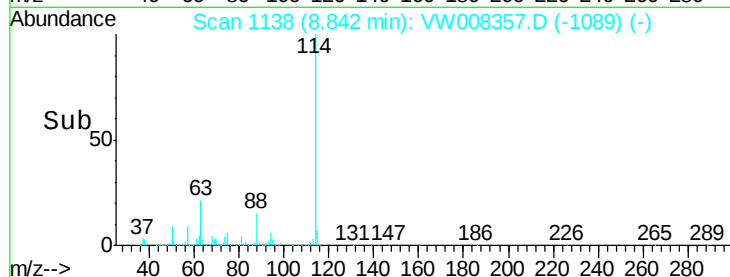
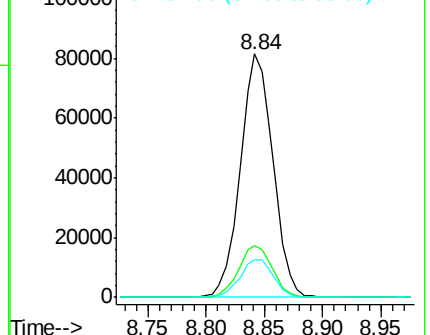
88 15.4 0.0 30.4



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: 50.631 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008357.D

Acq: 18 Jan 2019 15:42

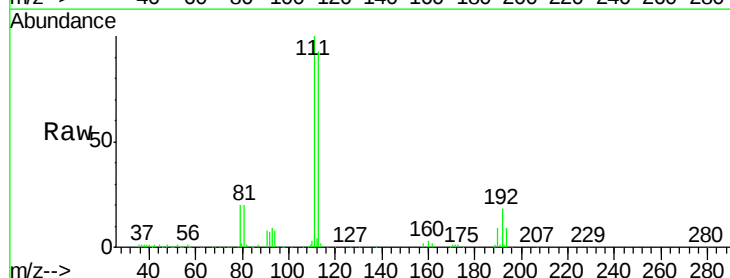
Tgt Ion:113 Resp: 51413

Ion Ratio Lower Upper

113 100

111 104.2 81.8 122.8

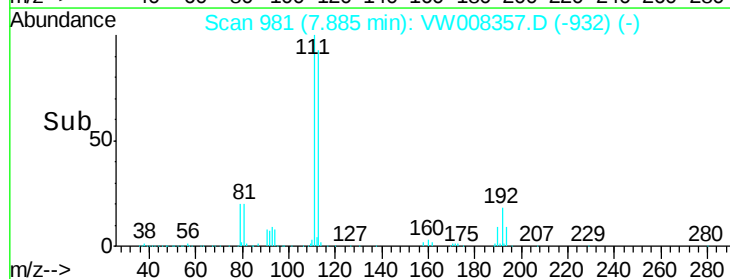
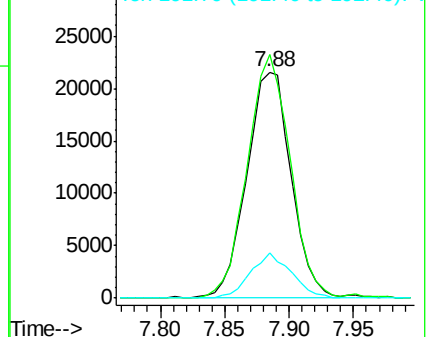
192 18.5 16.3 24.5

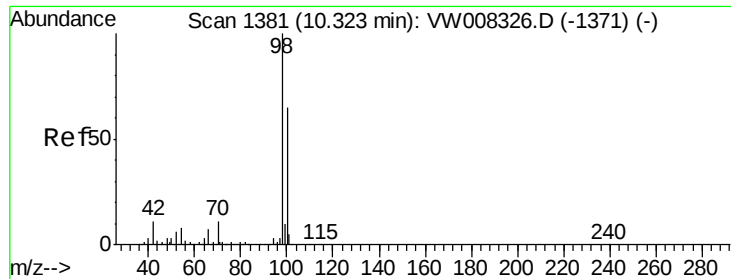


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.958 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008357.D

Acq: 18 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

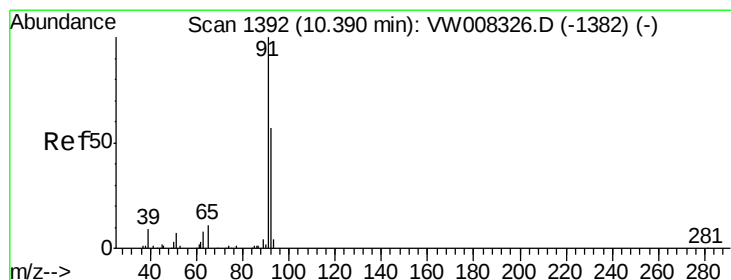
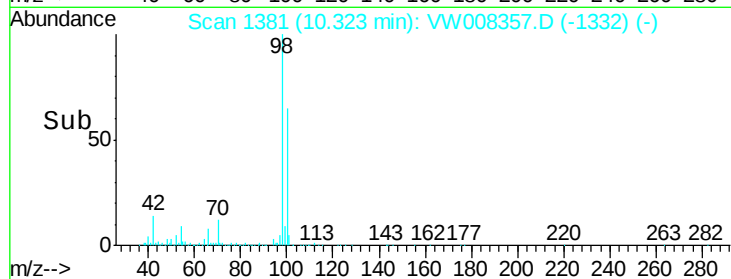
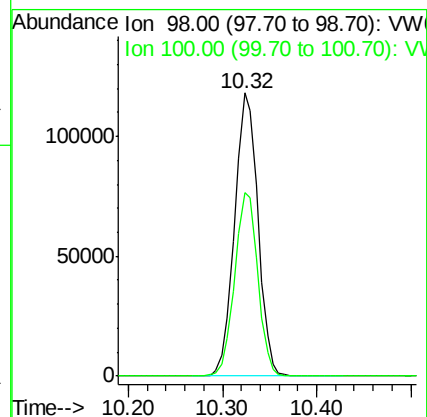
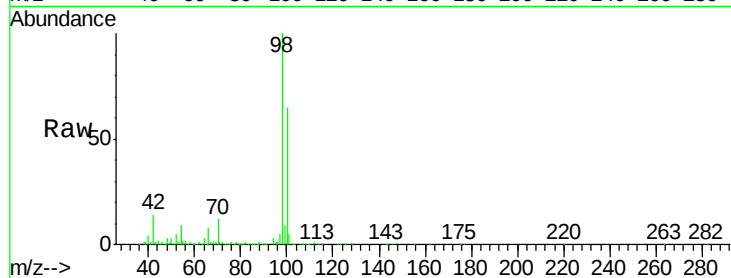
OR-03-011719-B

Tot Ion: 98 Resp: 203284

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.8



#52

Toluene

Concen: 3.018 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008357.D

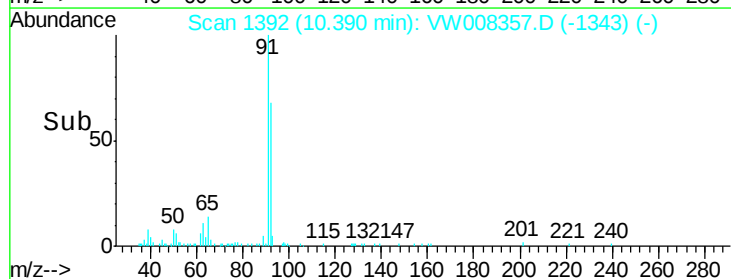
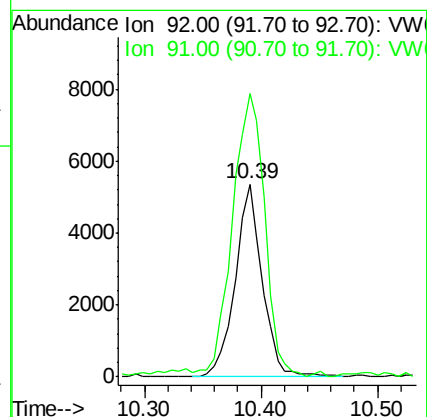
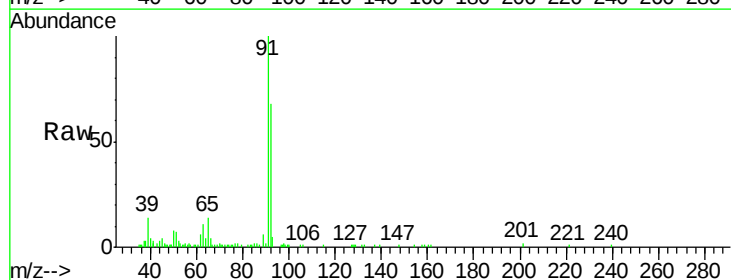
Acq: 18 Jan 2019 15:42

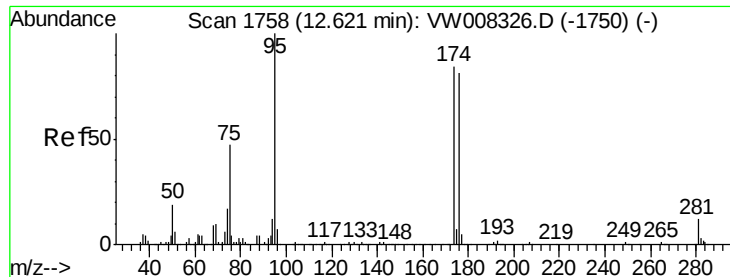
Tgt Ion: 92 Resp: 8658

Ion Ratio Lower Upper

92 100

91 175.7 140.2 210.2





#62

4-Bromofluorobenzene

Concen: 46.717 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008357.D

Acq: 18 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

OR-03-011719-B

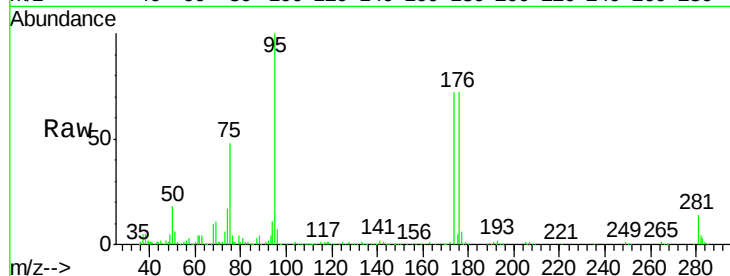
Tot Ion: 95 Resp: 66840

Ion Ratio Lower Upper

95 100

174 72.1 0.0 166.0

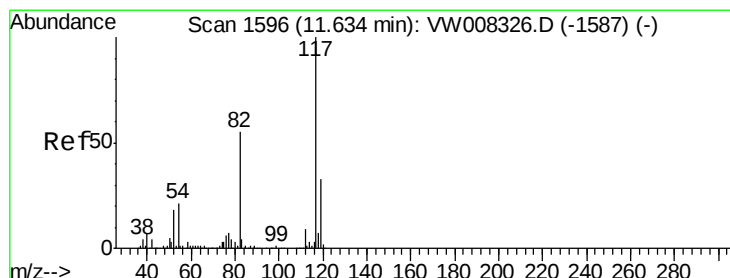
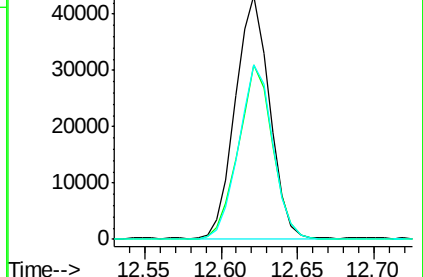
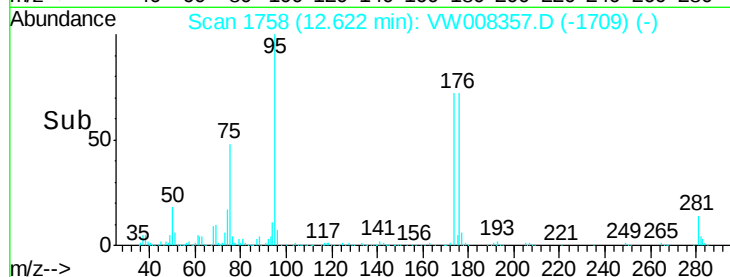
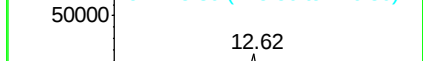
176 72.0 0.0 160.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008357.D

Acq: 18 Jan 2019 15:42

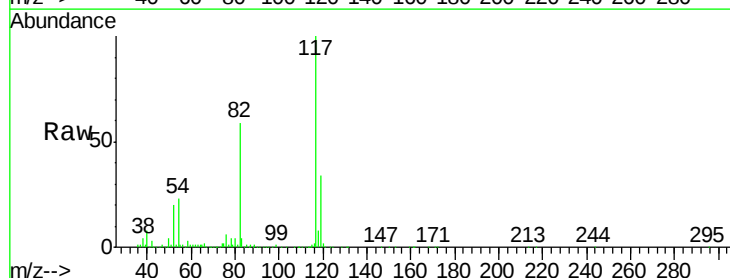
Tgt Ion: 117 Resp: 145708

Ion Ratio Lower Upper

117 100

82 58.5 44.3 66.5

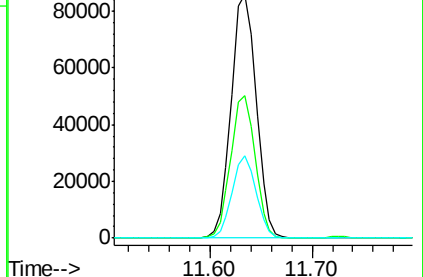
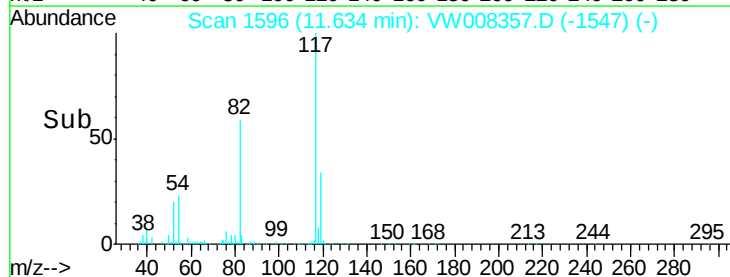
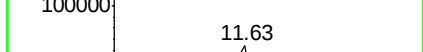
119 33.9 26.3 39.5

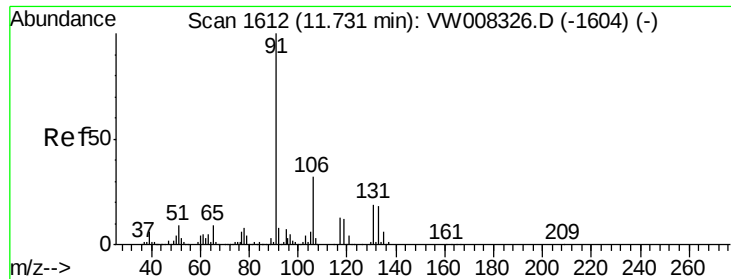


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

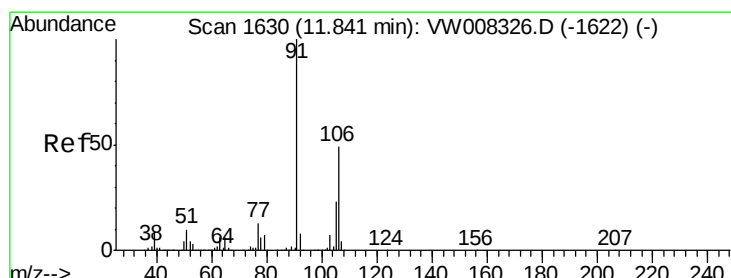
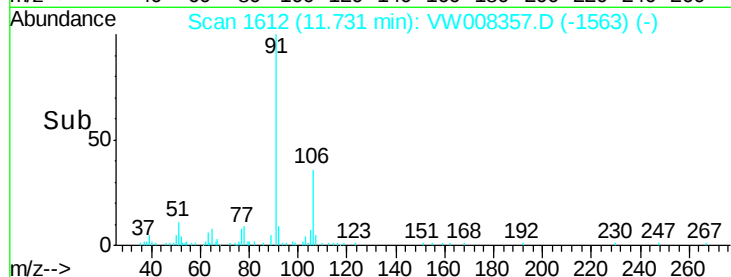
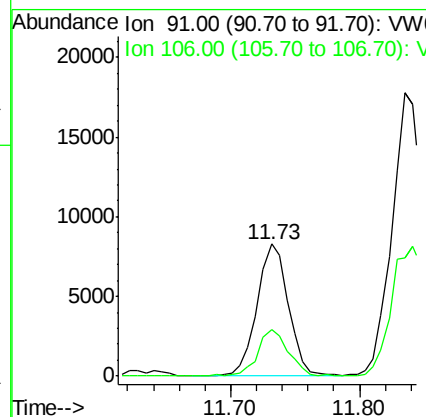
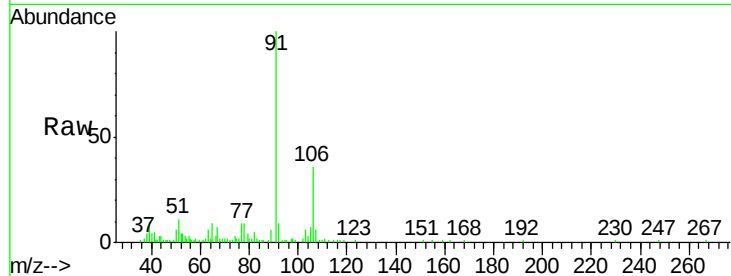




#67
Ethyl Benzene
Concen: 2.530 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008357.D
Acq: 18 Jan 2019 15:42

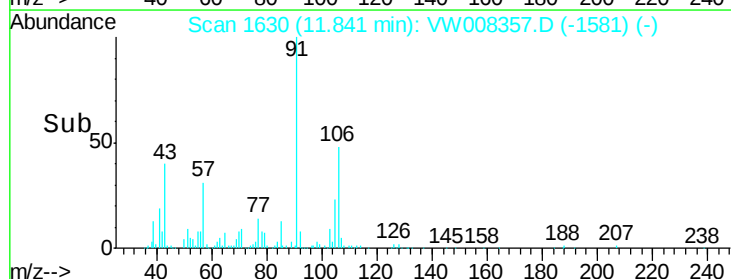
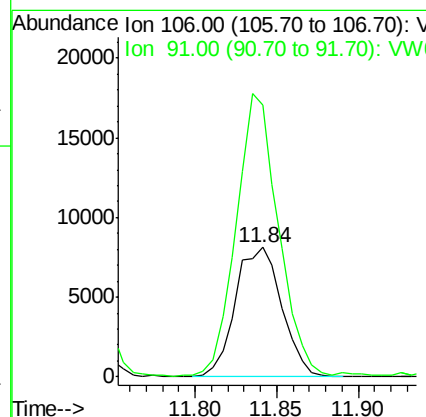
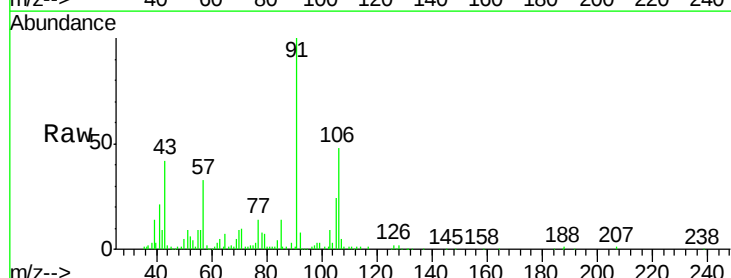
Instrument :
MSVOA_W
ClientSampleId :
OR-03-011719-B

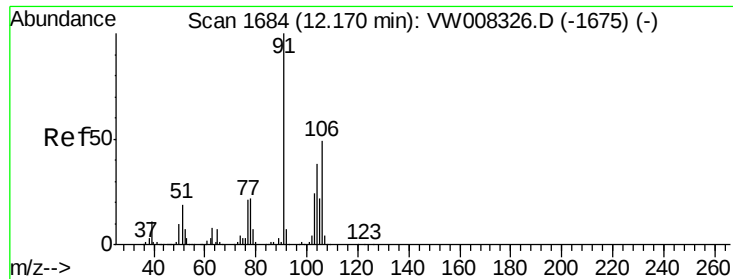
Tot Ion: 91 Resp: 13964
Ion Ratio Lower Upper
91 100
106 35.8 25.4 38.2



#68
m/p-Xylenes
Concen: 7.527 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008357.D
Acq: 18 Jan 2019 15:42

Tgt Ion: 106 Resp: 16122
Ion Ratio Lower Upper
106 100
91 198.9 158.4 237.6

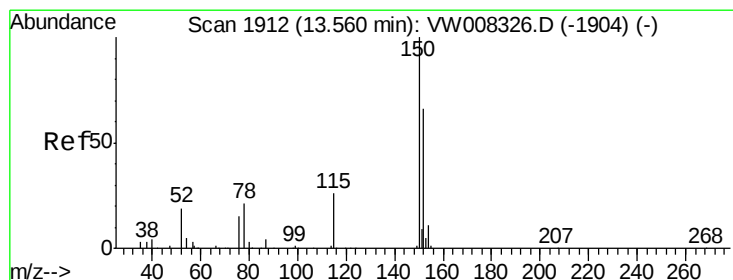
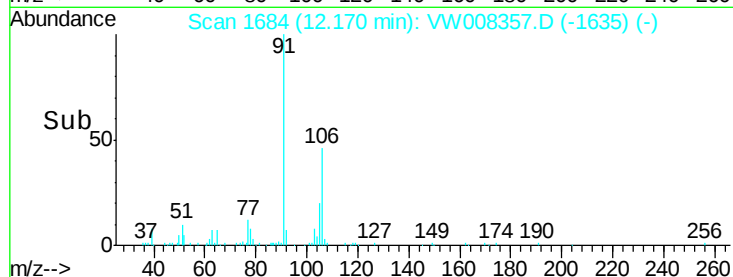
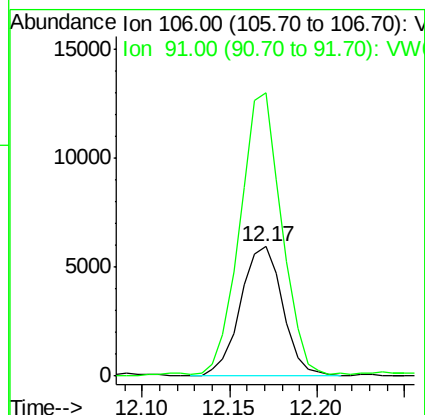
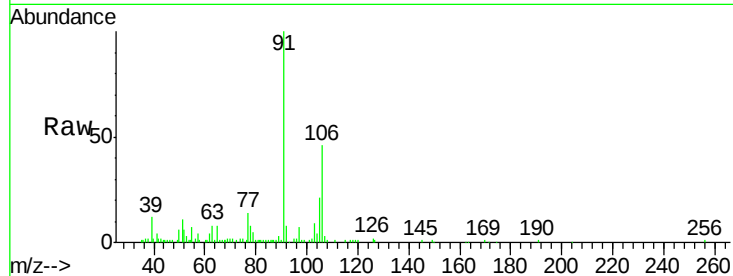




#69
o-Xylene
Concen: 4.996 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008357.D
Acq: 18 Jan 2019 15:42

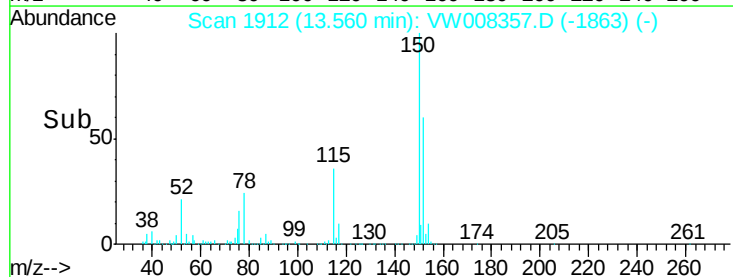
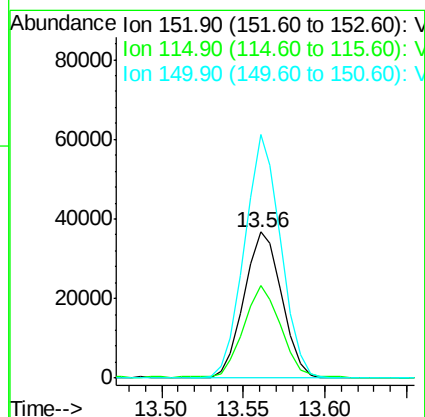
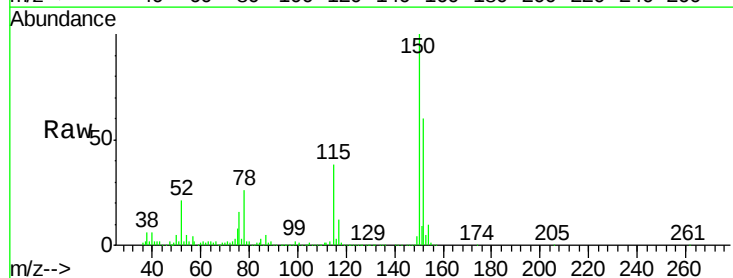
Instrument :
MSVOA_W
ClientSampleId :
OR-03-011719-B

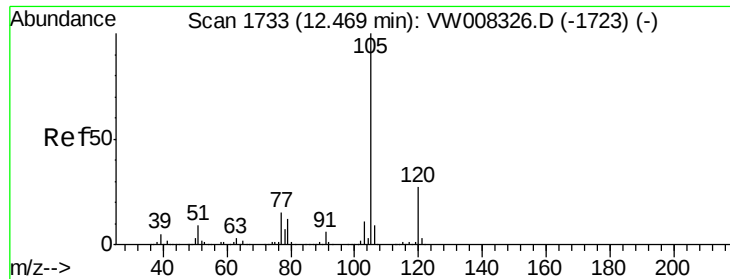
Tot Ion:106 Resp: 9998
Ion Ratio Lower Upper
106 100
91 218.8 104.1 312.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008357.D
Acq: 18 Jan 2019 15:42

Tgt Ion:152 Resp: 59245
Ion Ratio Lower Upper
152 100
115 63.3 28.8 86.4
150 160.0 0.0 351.4





#73

Isopropylbenzene

Concen: 1.001 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008357.D

Acq: 18 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

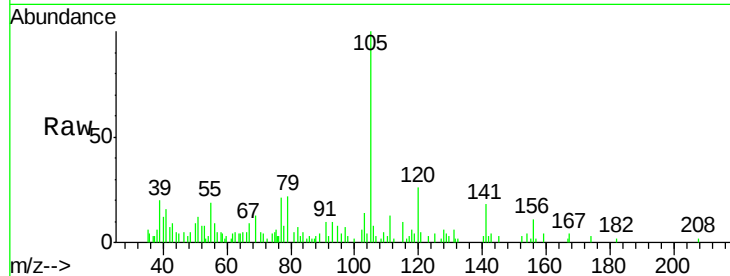
OR-03-011719-B

Tot Ion:105 Resp: 4320

Ion Ratio Lower Upper

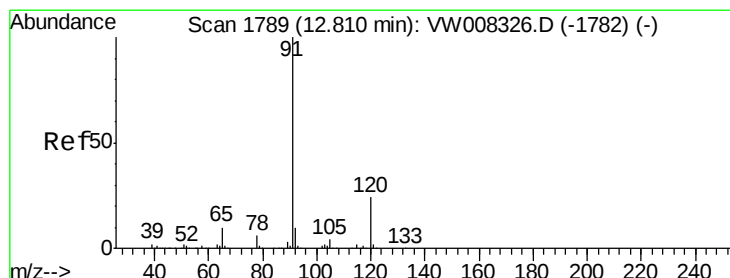
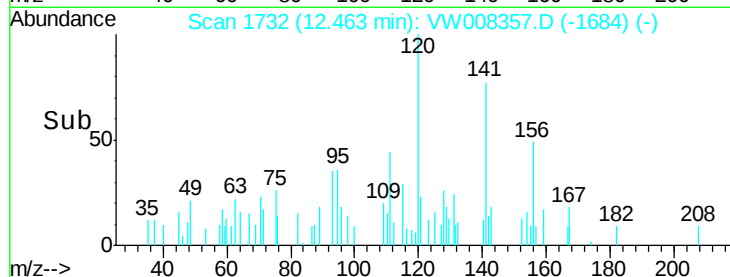
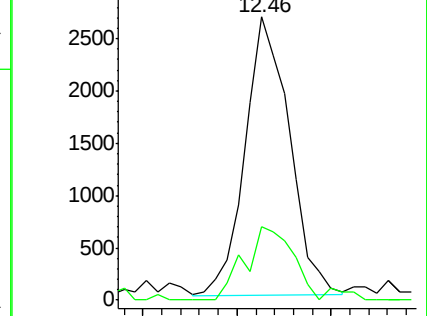
105 100

120 28.3 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: 2.154 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008357.D

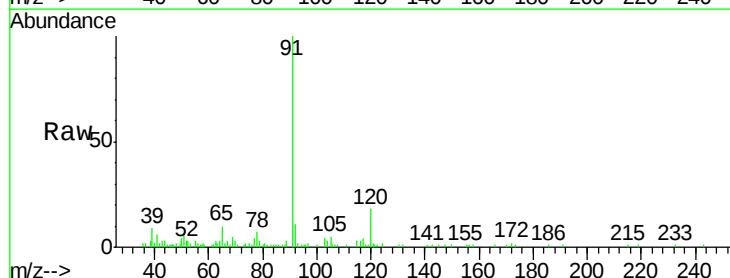
Acq: 18 Jan 2019 15:42

Tgt Ion: 91 Resp: 11257

Ion Ratio Lower Upper

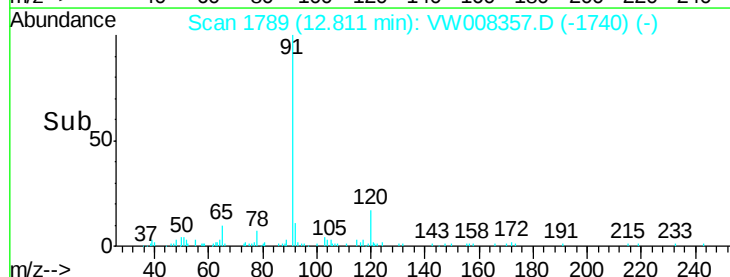
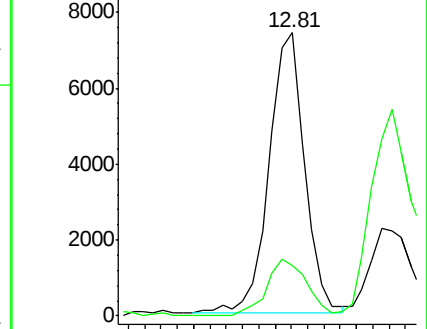
91 100

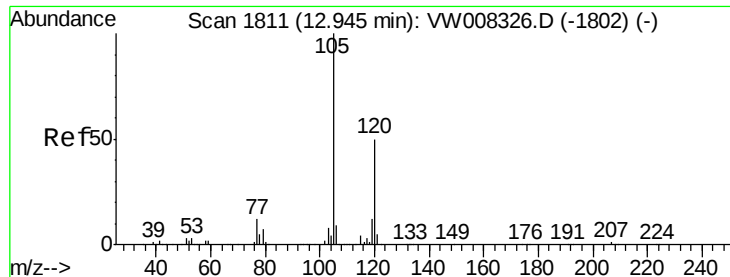
120 22.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

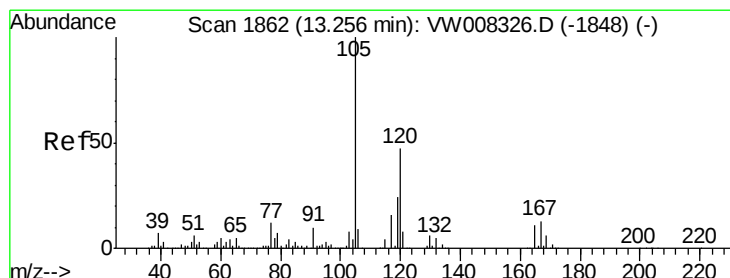
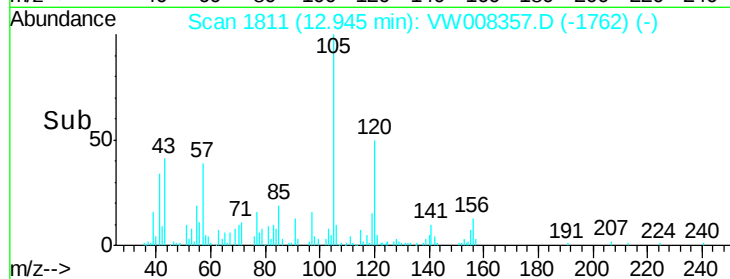
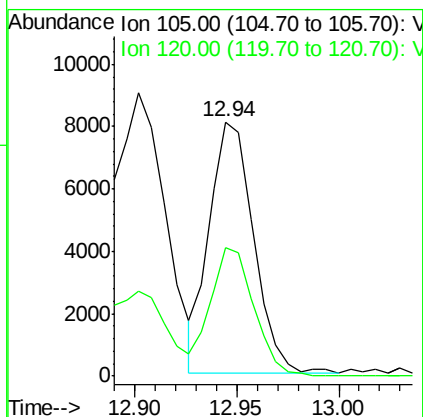
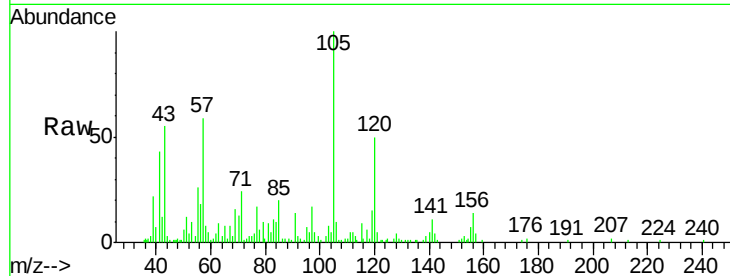




#80
 1,3,5-Trimethylbenzene
 Concen: 3.357 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008357.D
 Acq: 18 Jan 2019 15:42

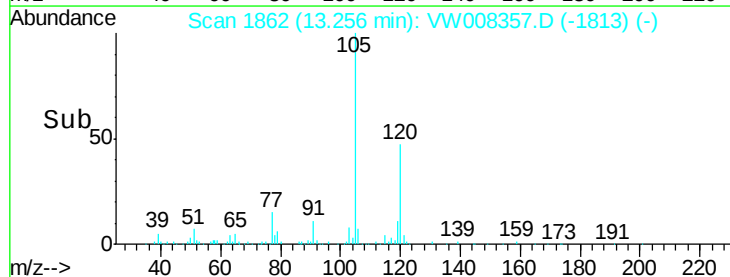
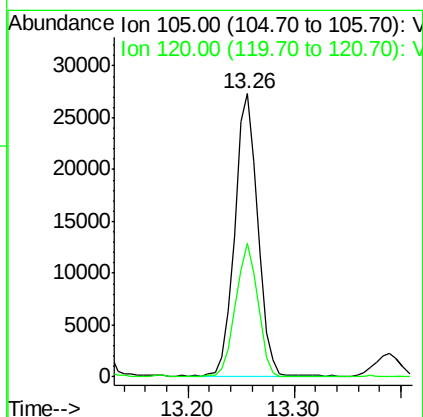
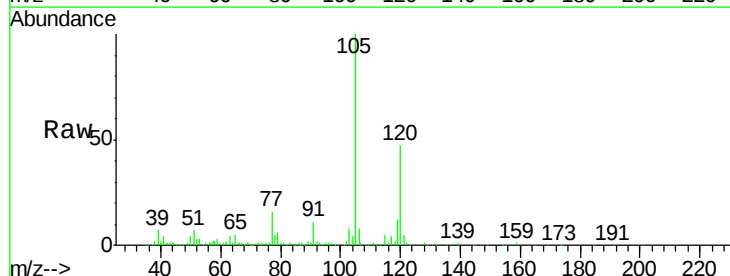
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-011719-B

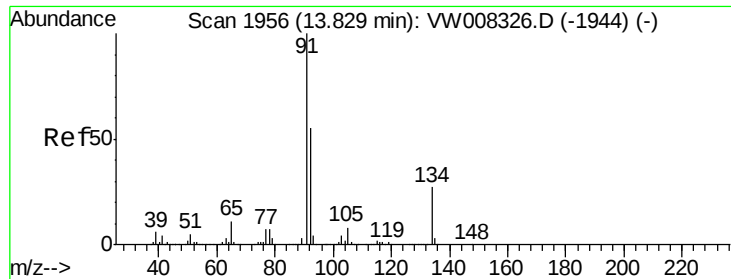
Tot Ion:105 Resp: 12094
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 11.429 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008357.D
 Acq: 18 Jan 2019 15:42

Tgt Ion:105 Resp: 41940
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.5 70.6





#89

n-Butylbenzene

Concen: 1.048 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008357.D

Acq: 18 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

OR-03-011719-B

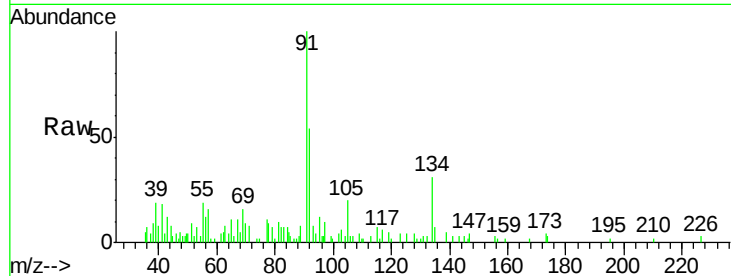
Tot Ion: 91 Resp: 3995

Ion Ratio Lower Upper

91 100

92 52.4 27.2 81.6

134 0.0 13.4 40.1#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

