

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021919\
 Data File : VW008750.D
 Acq On : 19 Feb 2019 17:53
 Operator : SY/VA
 Sample : K1349-11
 Misc : 7.26G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-021919-B

Quant Time: Feb 20 07:19:06 2019
 Quant Method : Z:\VOASRV\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	360941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	554612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	470950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	194891	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	198614	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
35) Dibromofluoromethane	7.88	113	174930	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
50) Toluene-d8	10.32	98	647344	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.62	95	213791	42.75	ug/l	0.00
Spiked Amount			Recovery	=	85.50%	

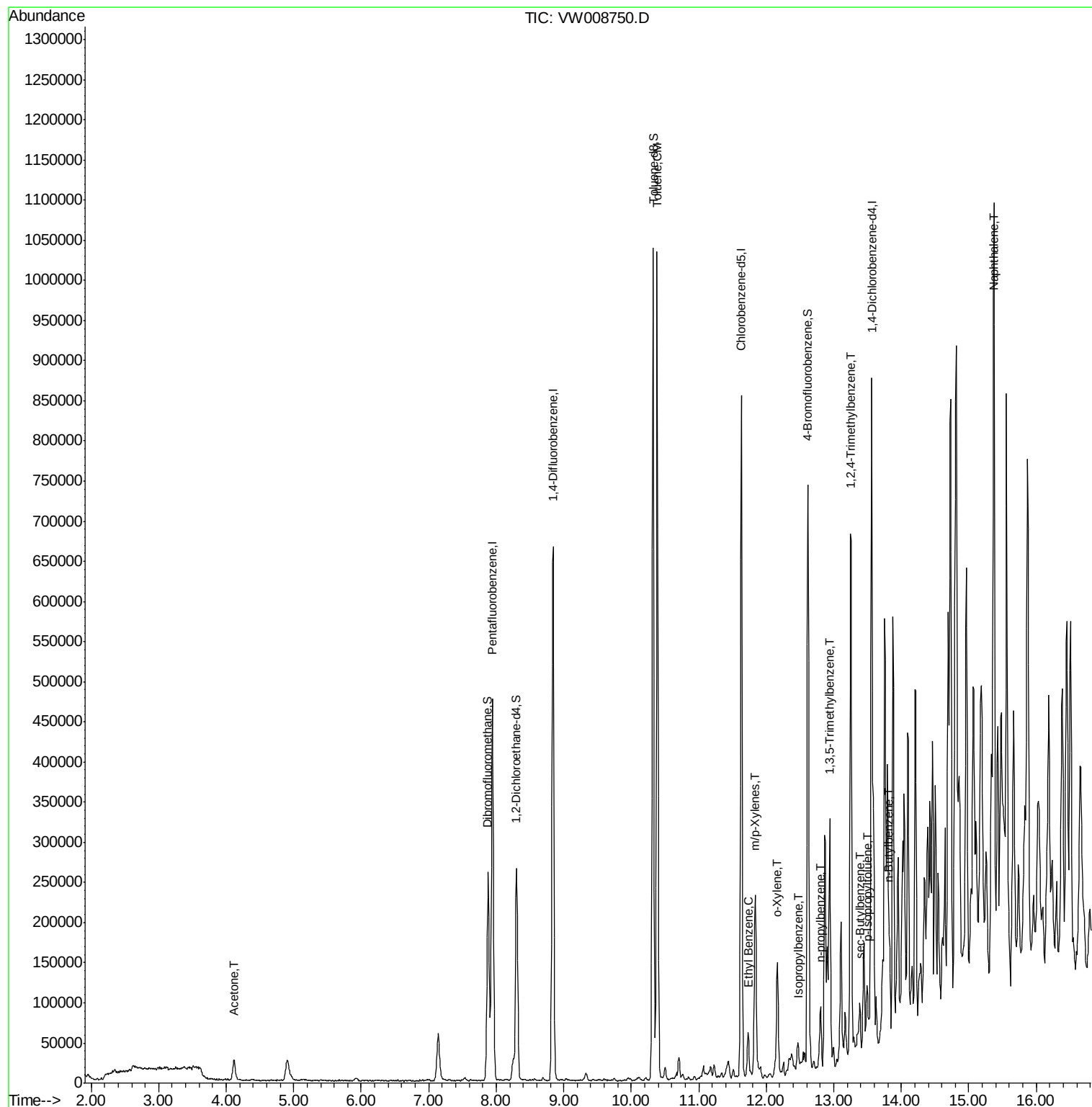
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.11	43	44360	51.950	ug/l	99
52) Toluene	10.38	92	430011	43.801	ug/l	99
67) Ethyl Benzene	11.73	91	36159	2.000	ug/l	94
68) m/p-Xylenes	11.83	106	57731	8.206	ug/l	99
69) o-Xylene	12.16	106	35264	5.303	ug/l	98
73) Isopropylbenzene	12.46	105	16954	1.168	ug/l	98
78) n-propylbenzene	12.80	91	54801	3.177	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	91398	7.580	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	359347	28.995	ug/l	99
85) sec-Butylbenzene	13.38	105	33139	2.174	ug/l	87
86) p-Isopropyltoluene	13.50	119	22215	1.629	ug/l	97
89) n-Butylbenzene	13.82	91	64672m	4.990	ug/l	
95) Naphthalene	15.37	128	737387	96.444	ug/l	99

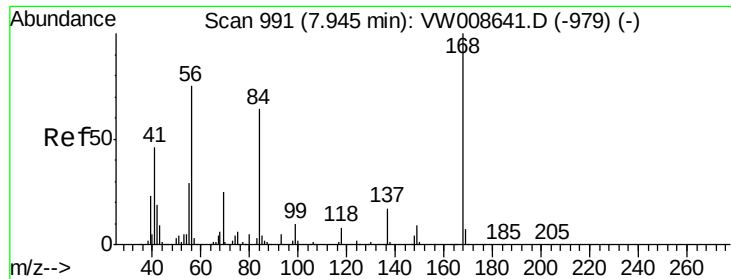
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021919\
Data File : VW008750.D
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OR-02-021919-B

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 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: VW008750.D

Acq: 19 Feb 2019 17:53

Instrument :

MSVOA_W

ClientSampleId :

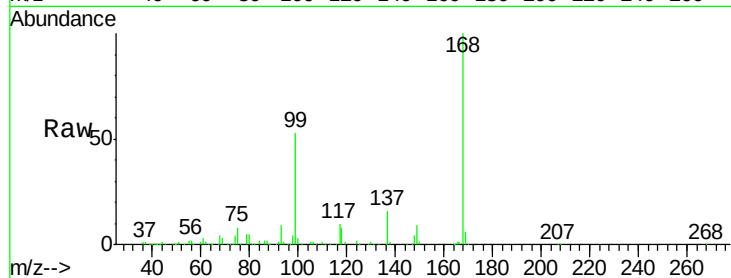
OR-02-021919-B

Tot Ion:168 Resp: 360941

Ion Ratio Lower Upper

168 100

99 53.1 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

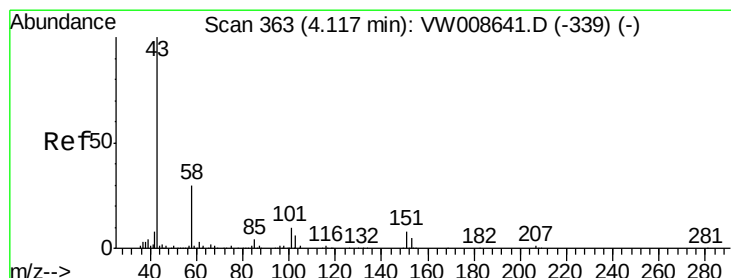
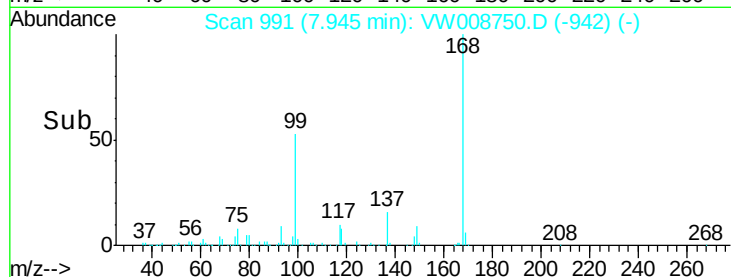
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 51.950 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW008750.D

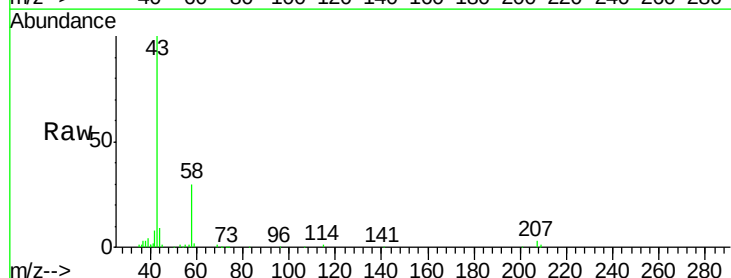
Acq: 19 Feb 2019 17:53

Tgt Ion: 43 Resp: 44360

Ion Ratio Lower Upper

43 100

58 29.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

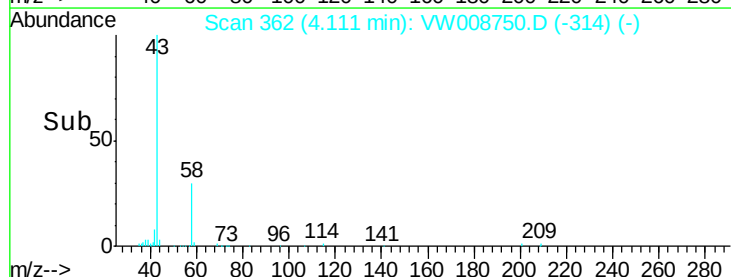
15000

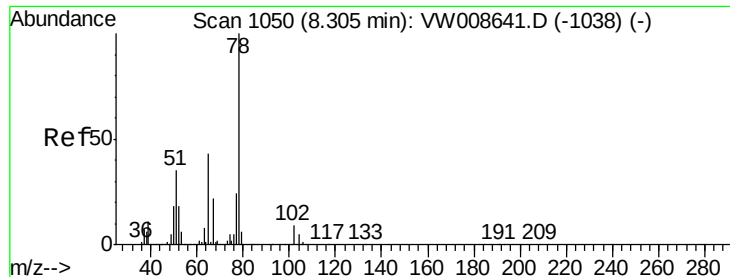
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.929 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008750.D

Acq: 19 Feb 2019 17:53

Instrument :

MSVOA_W

ClientSampleId :

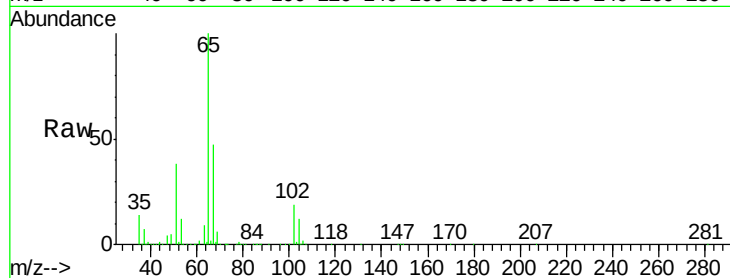
OR-02-021919-B

Tot Ion: 65 Resp: 198614

Ion Ratio Lower Upper

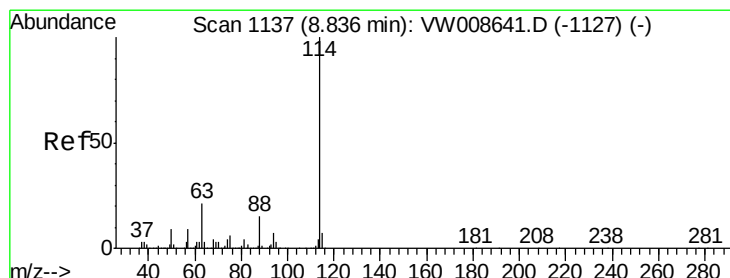
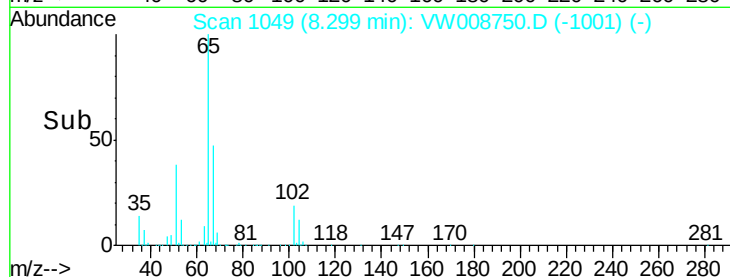
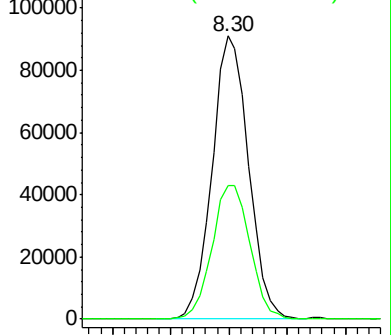
65 100

67 49.7 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008750.D

Acq: 19 Feb 2019 17:53

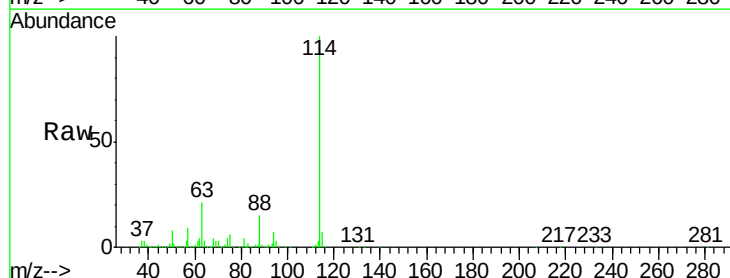
Tgt Ion: 114 Resp: 554612

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.2

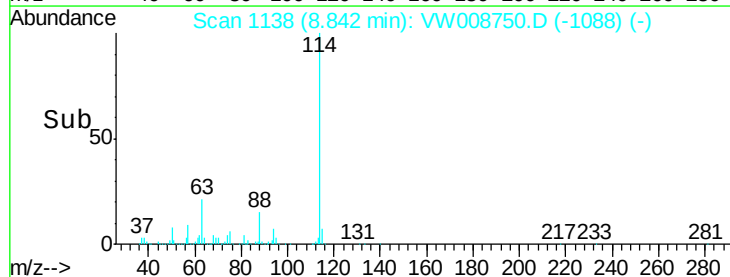
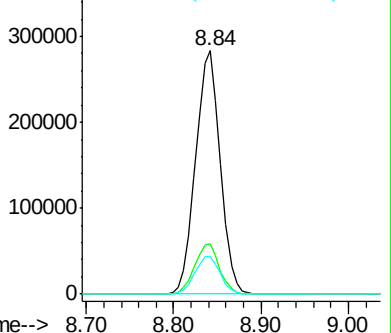
88 15.3 0.0 29.6

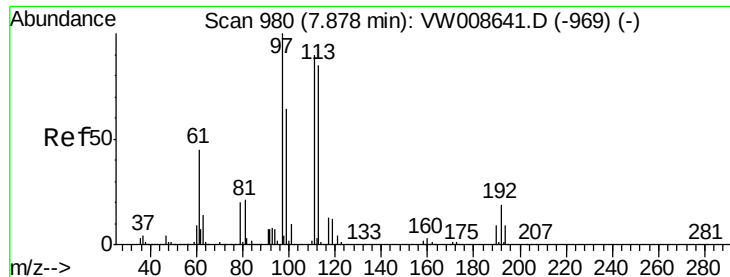


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

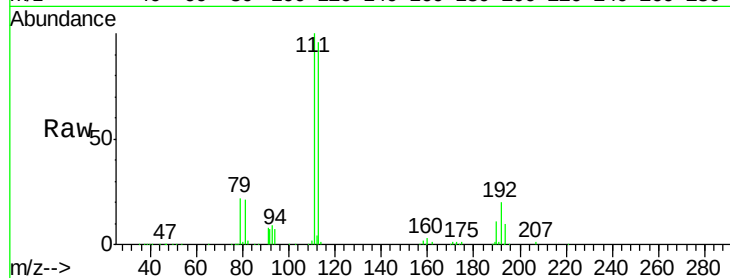




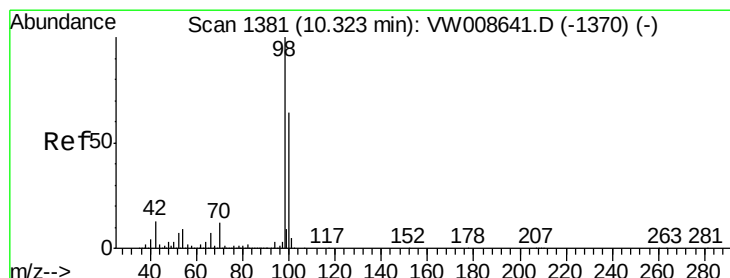
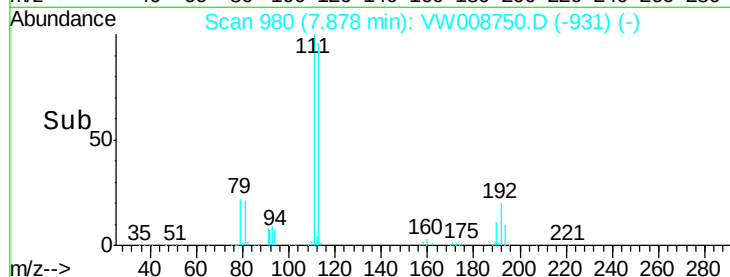
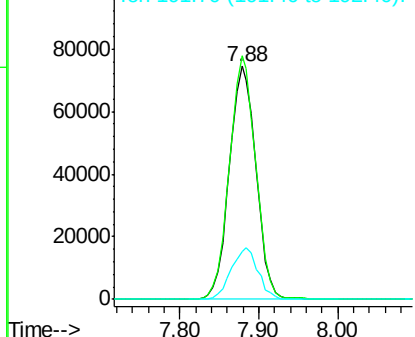
#35
 Dibromofluoromethane
 Concen: 50.796 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW008750.D
 Acq: 19 Feb 2019 17:53

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-021919-B

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	84.0	126.0
192	22.2	17.4	26.2

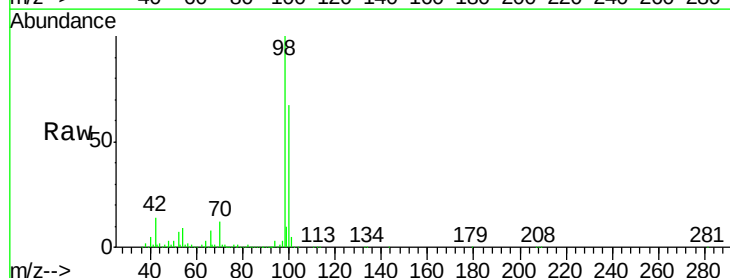


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

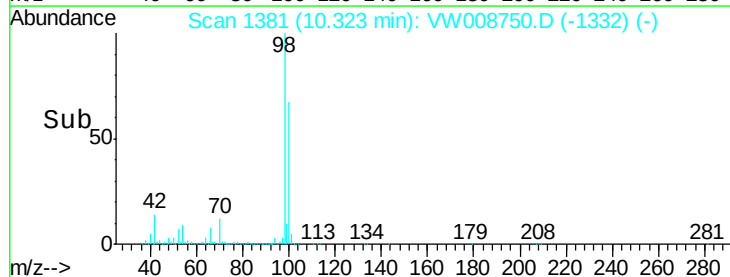
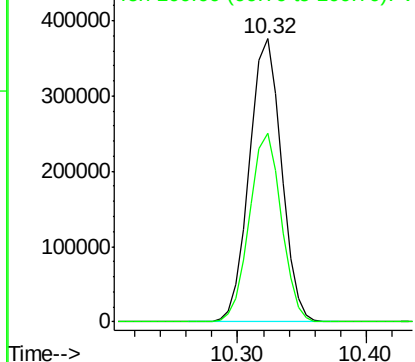


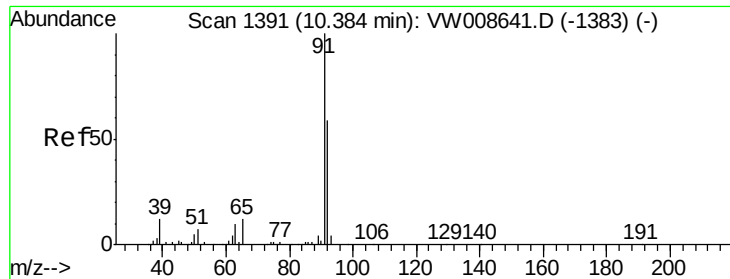
#50
 Toluene-d8
 Concen: 48.763 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008750.D
 Acq: 19 Feb 2019 17:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.4



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





#52

Toluene

Concen: 43.801 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008750.D

Acq: 19 Feb 2019 17:53

Instrument :

MSVOA_W

ClientSampleId :

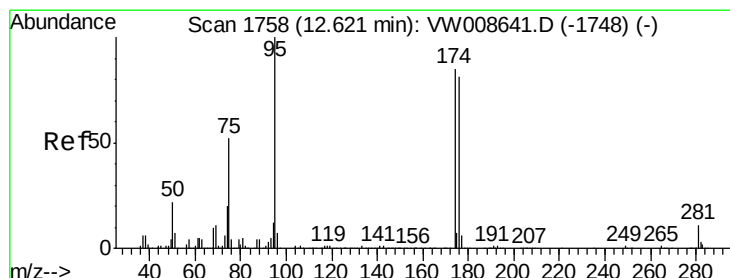
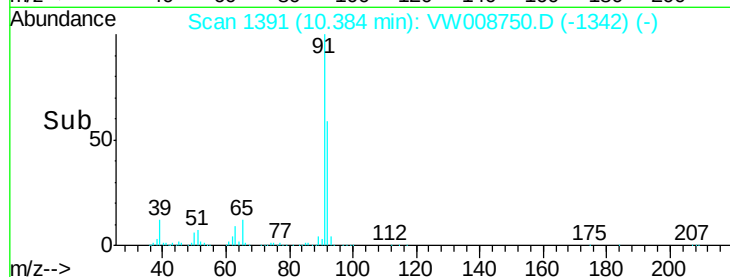
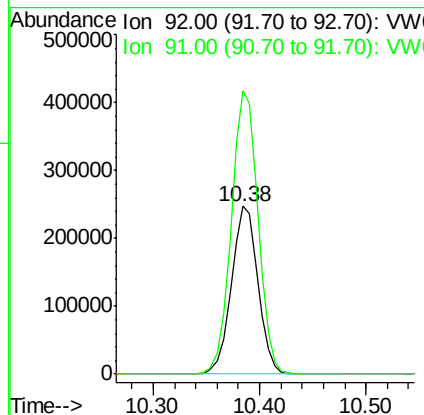
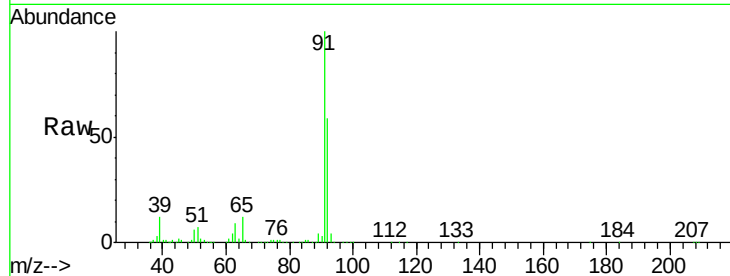
OR-02-021919-B

Tot Ion: 92 Resp: 430011

Ion Ratio Lower Upper

92 100

91 170.4 135.8 203.6



#62

4-Bromofluorobenzene

Concen: 42.755 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008750.D

Acq: 19 Feb 2019 17:53

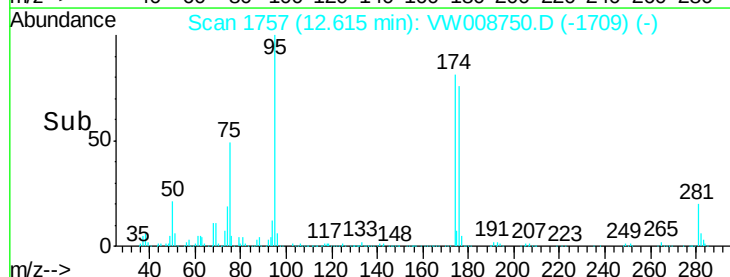
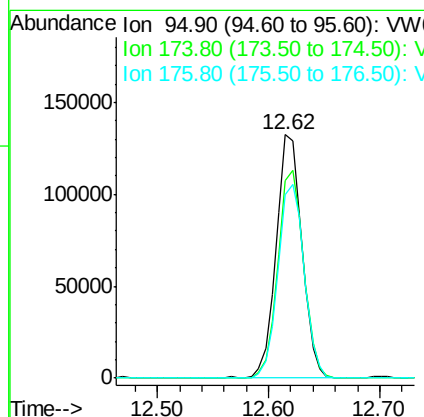
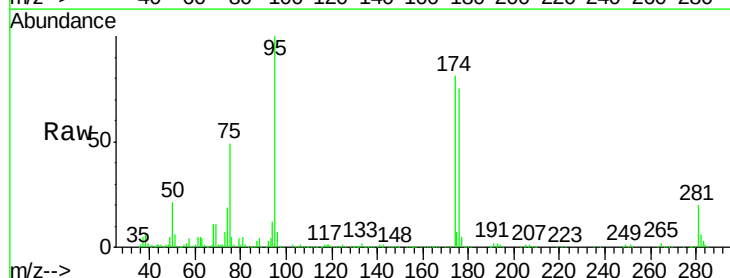
Tgt Ion: 95 Resp: 213791

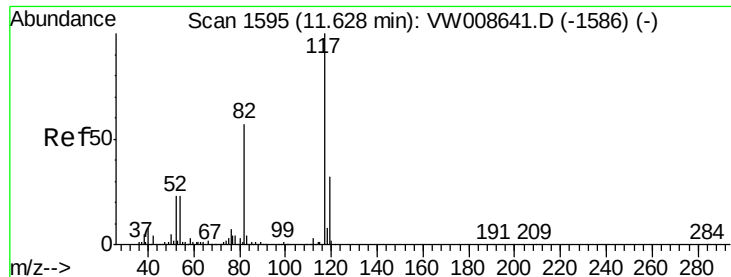
Ion Ratio Lower Upper

95 100

174 85.1 0.0 163.2

176 80.6 0.0 158.0

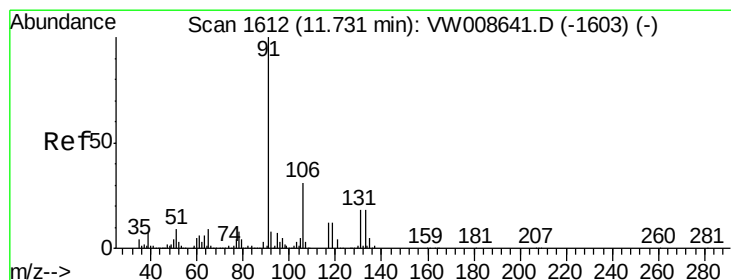
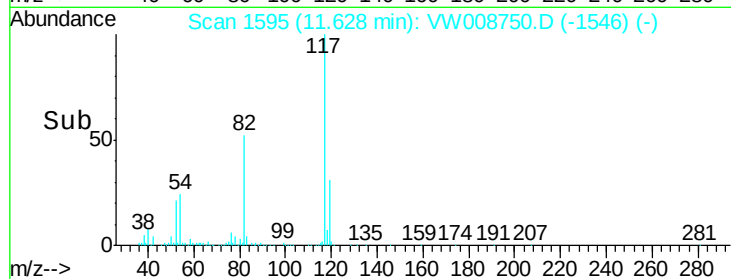
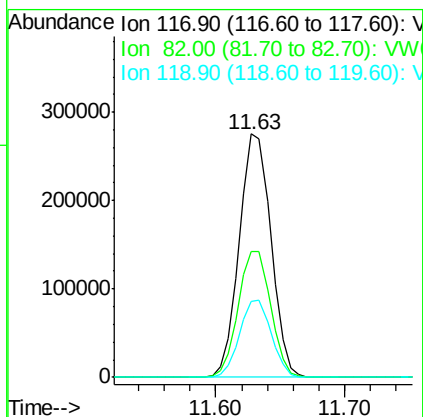
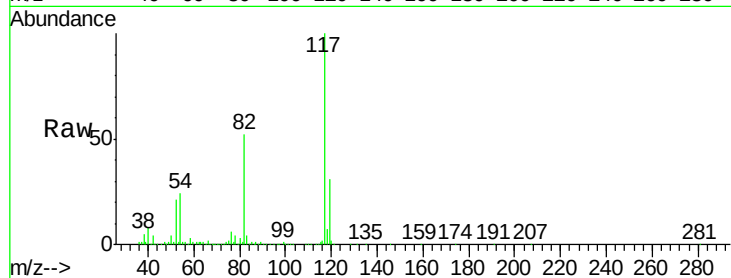




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW008750.D
Acq: 19 Feb 2019 17:53

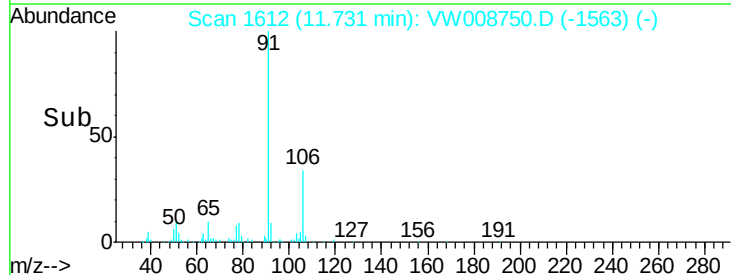
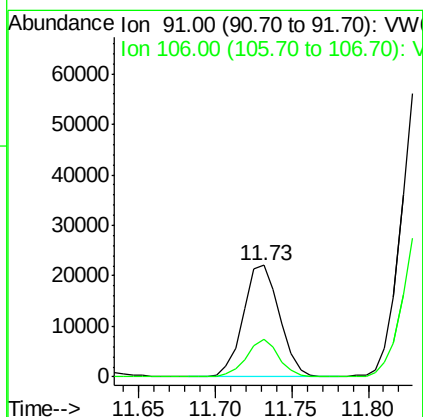
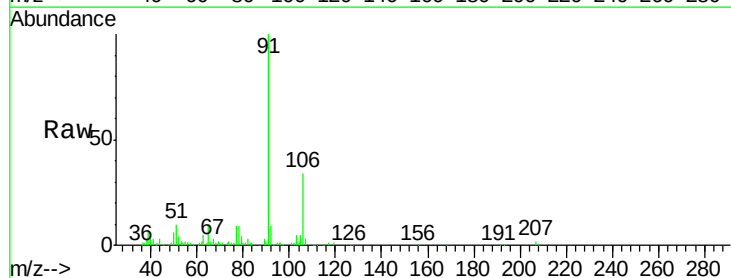
Instrument :
MSVOA_W
ClientSampleId :
OR-02-021919-B

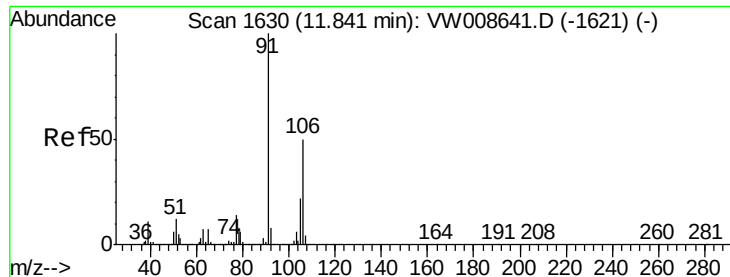
Tot Ion:117 Resp: 470950
Ion Ratio Lower Upper
117 100
82 51.7 45.6 68.4
119 31.3 25.7 38.5



#67
Ethyl Benzene
Concen: 2.000 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008750.D
Acq: 19 Feb 2019 17:53

Tgt Ion: 91 Resp: 36159
Ion Ratio Lower Upper
91 100
106 33.9 24.5 36.7

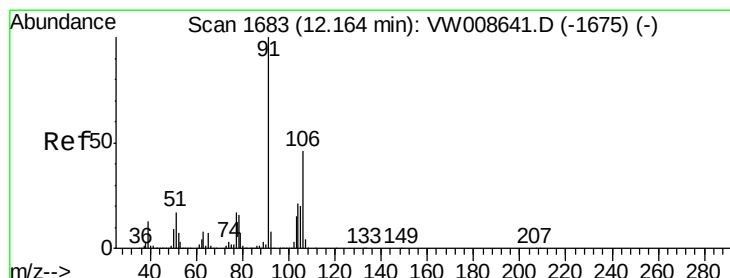
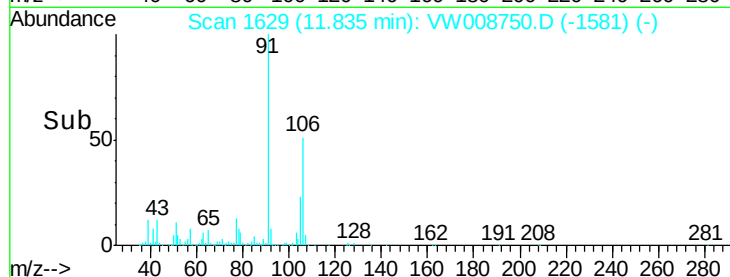
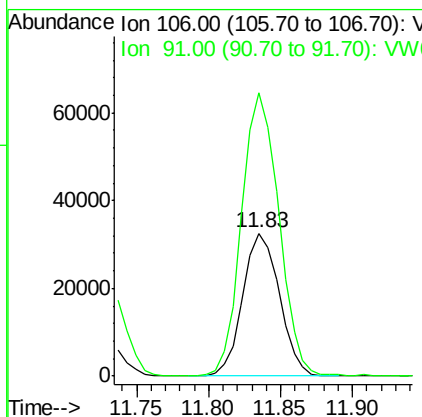
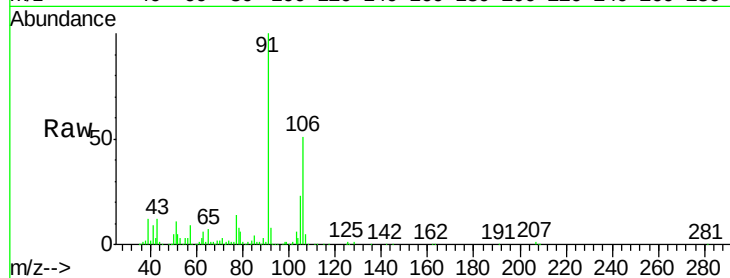




#68
m/p-Xylenes
Concen: 8.206 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008750.D
Acq: 19 Feb 2019 17:53

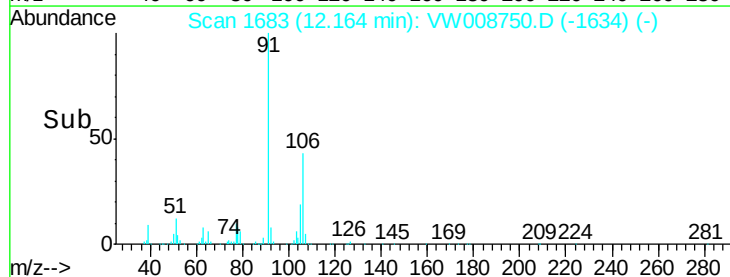
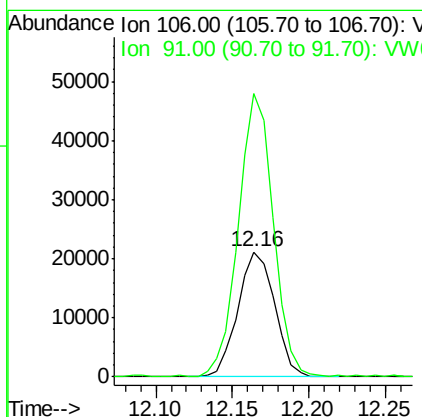
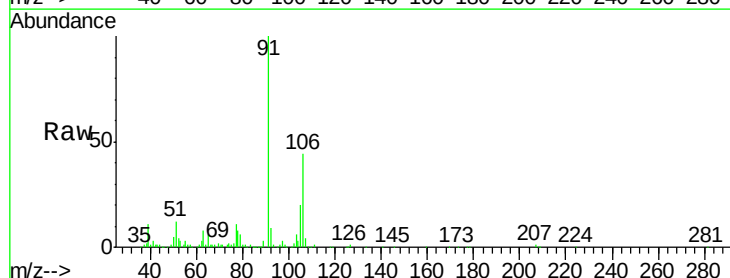
Instrument :
MSVOA_W
ClientSampleId :
OR-02-021919-B

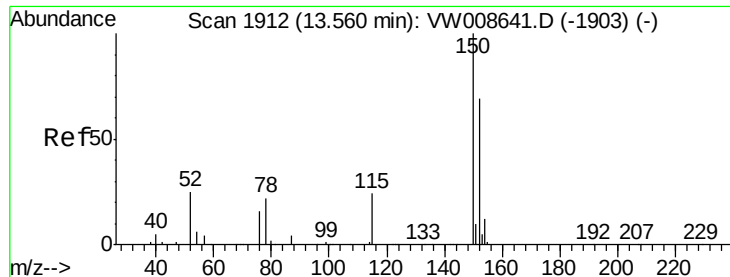
Tot Ion:106 Resp: 57731
Ion Ratio Lower Upper
106 100
91 199.4 161.0 241.4



#69
o-Xylene
Concen: 5.303 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008750.D
Acq: 19 Feb 2019 17:53

Tgt Ion:106 Resp: 35264
Ion Ratio Lower Upper
106 100
91 216.0 106.7 320.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008750.D

Acq: 19 Feb 2019 17:53

Instrument :

MSVOA_W

ClientSampled :

OR-02-021919-B

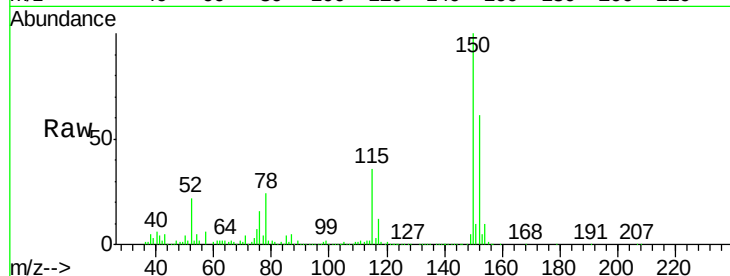
Tot Ion:152 Resp: 194891

Ion Ratio Lower Upper

152 100

115 59.8 29.3 87.8

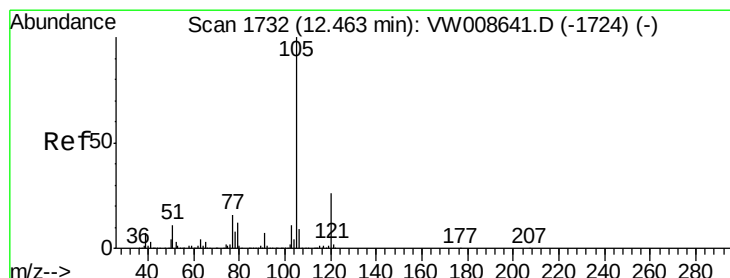
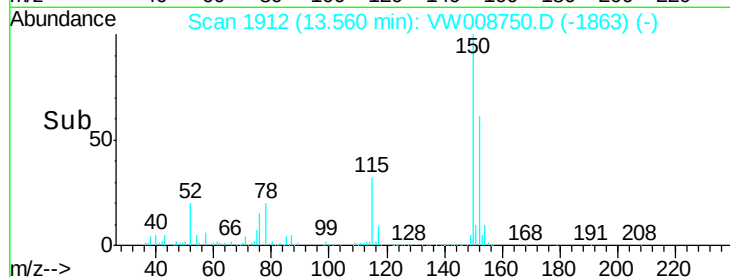
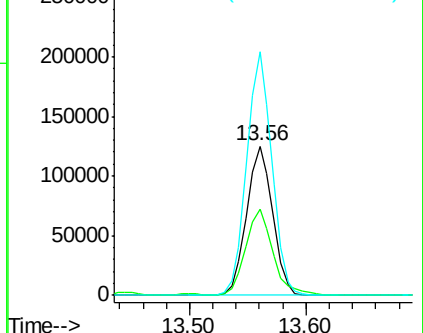
150 158.6 0.0 352.8



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: 1.168 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008750.D

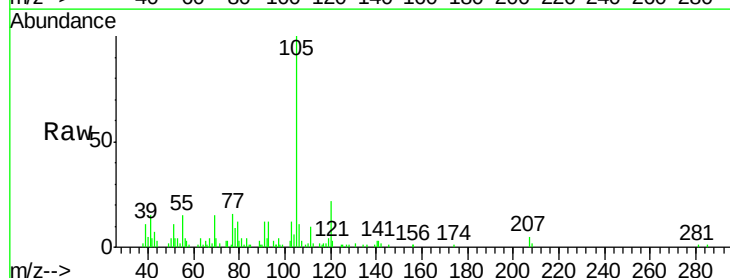
Acq: 19 Feb 2019 17:53

Tgt Ion:105 Resp: 16954

Ion Ratio Lower Upper

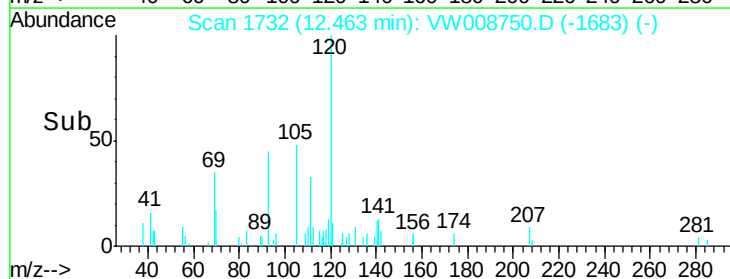
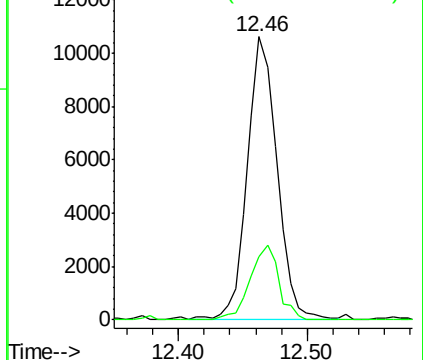
105 100

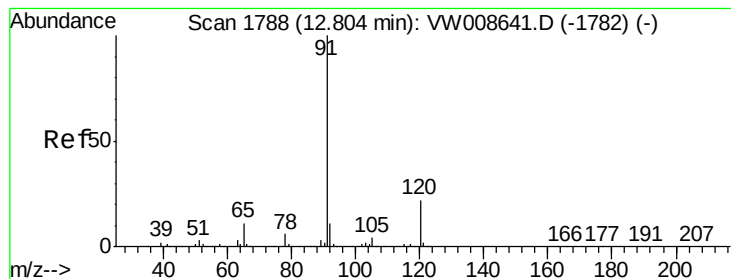
120 25.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.177 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008750.D

Acq: 19 Feb 2019 17:53

Instrument :

MSVOA_W

ClientSampleId :

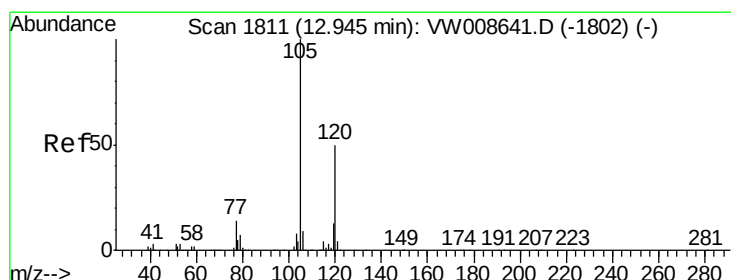
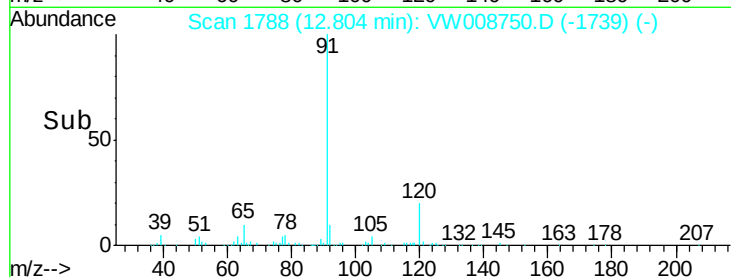
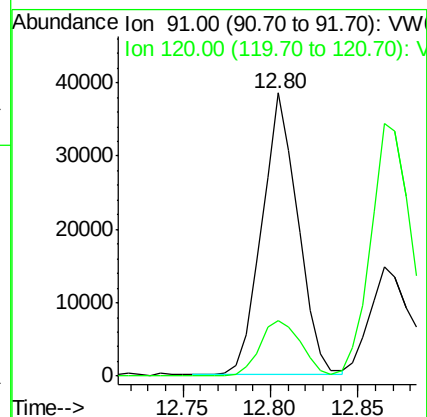
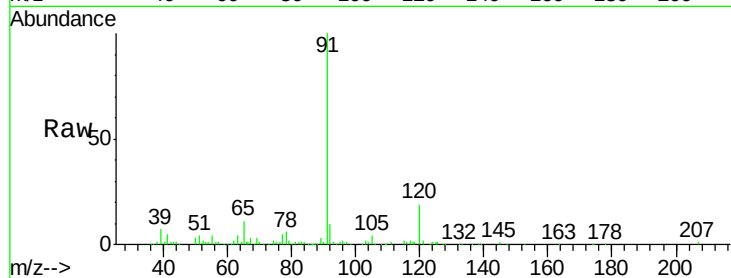
OR-02-021919-B

Tot Ion: 91 Resp: 54801

Ion Ratio Lower Upper

91 100

120 22.7 11.4 34.2



#80

1,3,5-Trimethylbenzene

Concen: 7.580 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008750.D

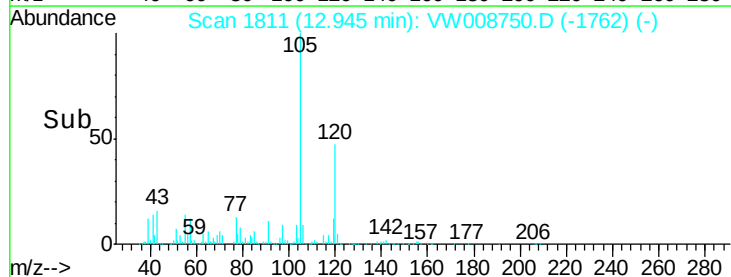
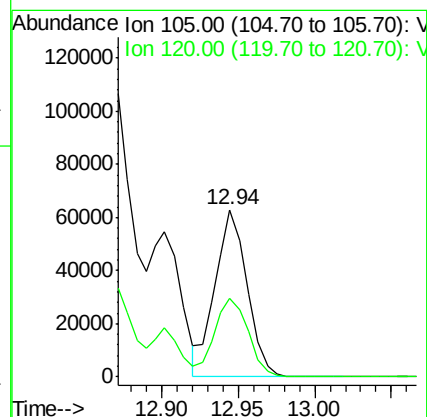
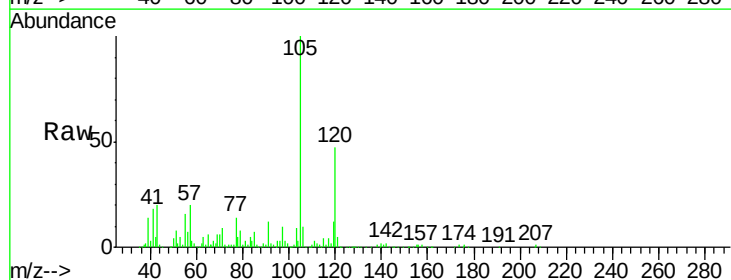
Acq: 19 Feb 2019 17:53

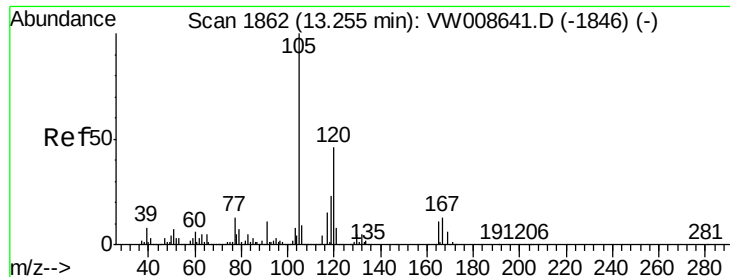
Tgt Ion: 105 Resp: 91398

Ion Ratio Lower Upper

105 100

120 49.8 24.6 73.8

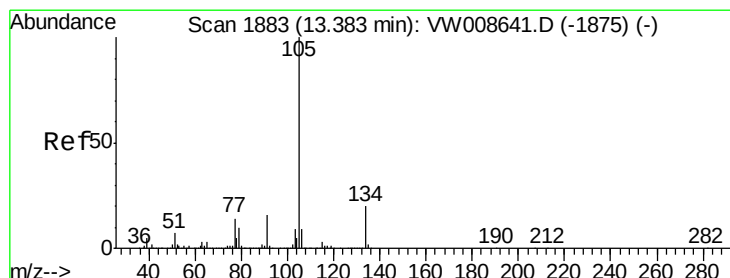
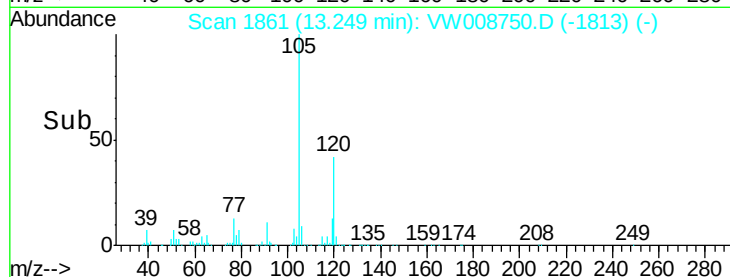
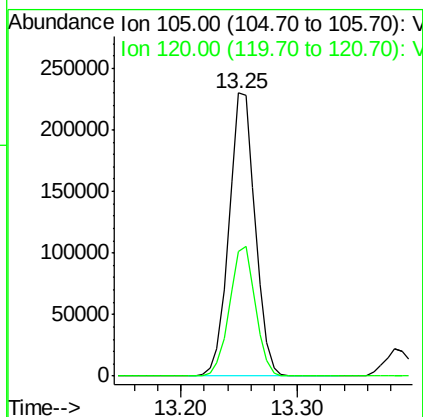
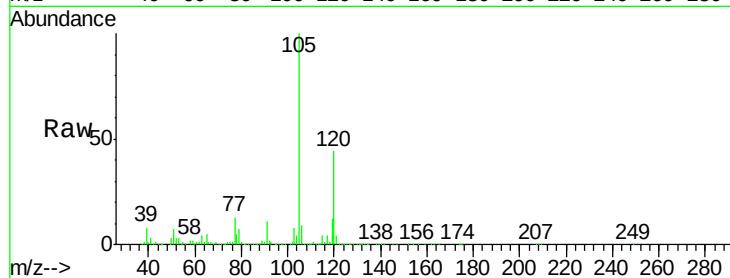




#84
1,2,4-Trimethylbenzene
Concen: 28.995 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW008750.D
Acq: 19 Feb 2019 17:53

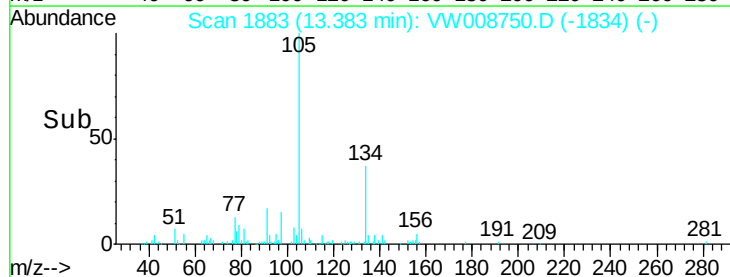
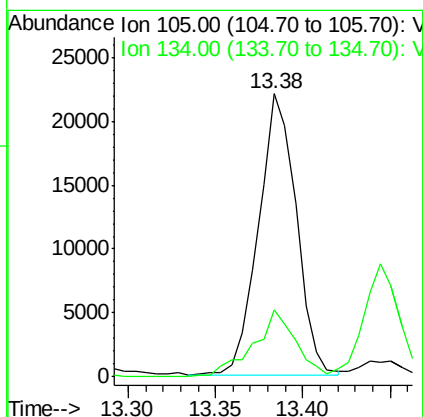
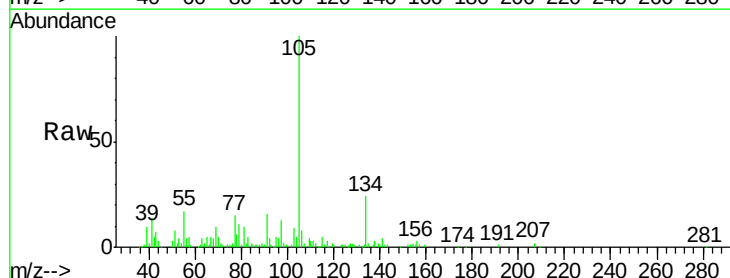
Instrument :
MSVOA_W
ClientSampleId :
OR-02-021919-B

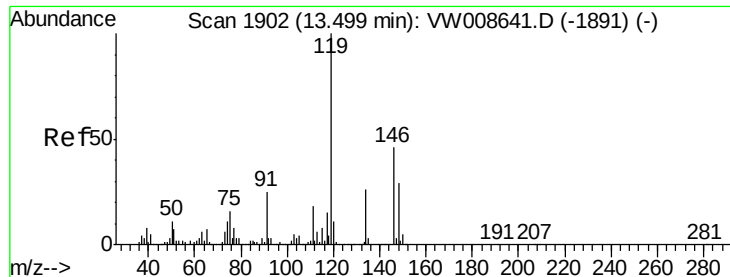
Tot Ion:105 Resp: 359347
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.8



#85
sec-Butylbenzene
Concen: 2.174 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VW008750.D
Acq: 19 Feb 2019 17:53

Tgt Ion:105 Resp: 33139
Ion Ratio Lower Upper
105 100
134 26.4 10.3 30.8

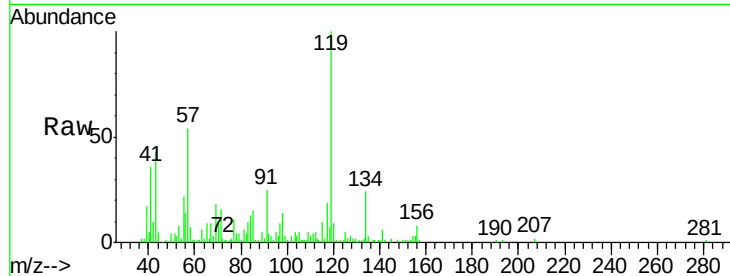




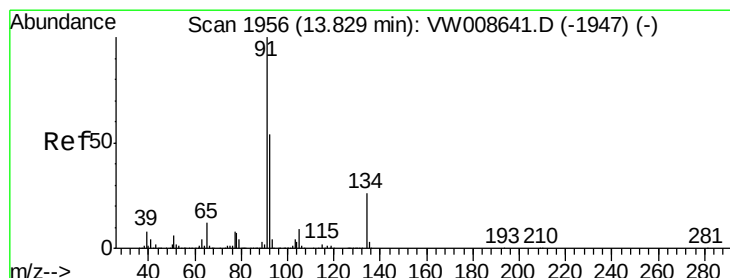
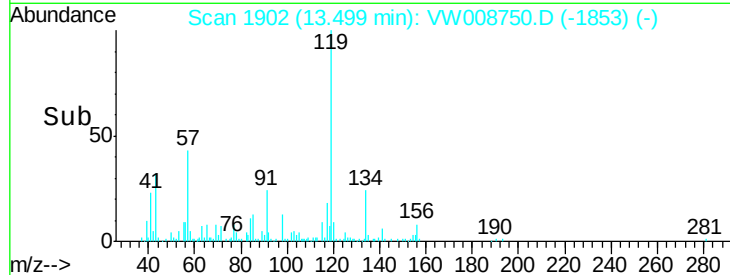
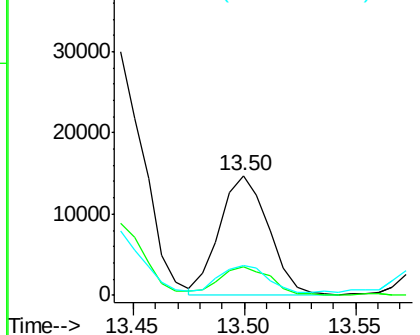
#86
 p-Isopropyltoluene
 Concen: 1.629 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008750.D
 Acq: 19 Feb 2019 17:53

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-021919-B

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.0	39.0
91	22.3	12.3	36.9

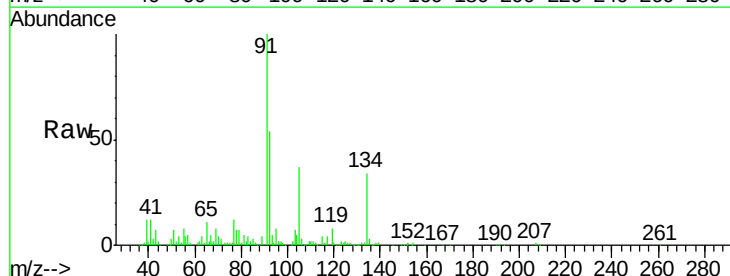


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

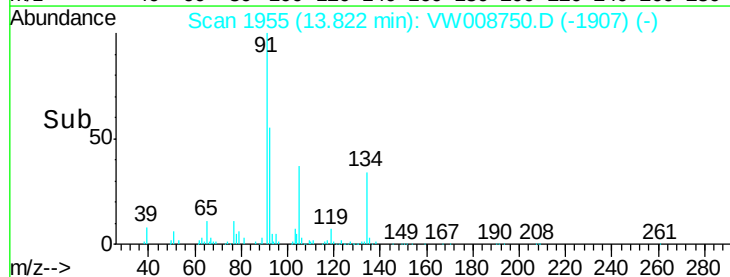
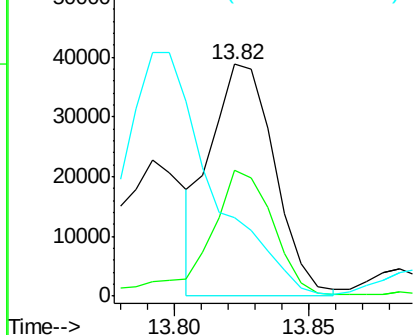


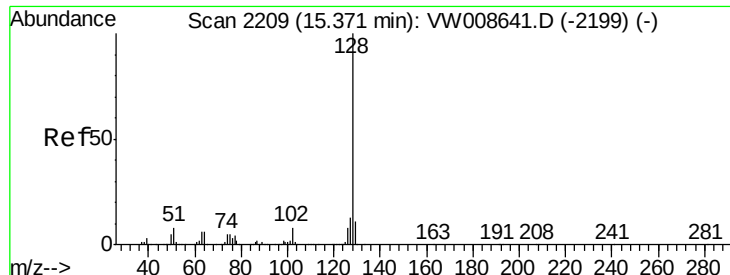
#89
 n-Butylbenzene
 Concen: 4.990 ug/l m
 RT: 13.82 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: VW008750.D
 Acq: 19 Feb 2019 17:53

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.8	80.4#
134	0.0	13.0	39.0#



Abundance Ion 91.00 (90.70 to 91.70): VV
 Ion 92.00 (91.70 to 92.70): VV
 Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 96.444 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008750.D

Acq: 19 Feb 2019 17:53

Instrument :

MSVOA_W

ClientSampleId :

OR-02-021919-B

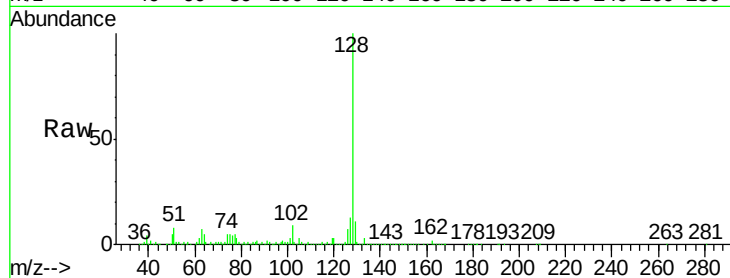
Tot Ion:128 Resp: 737387

Ion Ratio Lower Upper

128 100

127 13.9 10.9 16.3

129 11.3 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

