

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110418\
 Data File : VW006614.D
 Acq On : 02 Nov 2018 20:52
 Operator : SY/AP
 Sample : J5200-17RE
 Misc : 6.07G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-103118-ARE

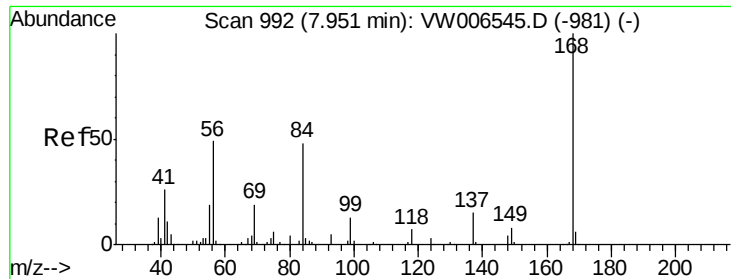
Quant Time: Nov 03 00:31:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	332846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	129880	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	86681	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	
35) Dibromofluoromethane	7.88	113	87286	41.79	ug/l	0.00
Spiked Amount			Recovery	=	83.58%	
50) Toluene-d8	10.33	98	292406	36.77	ug/l	0.00
Spiked Amount			Recovery	=	73.54%	
62) 4-Bromofluorobenzene	12.62	95	93315	32.37	ug/l	0.00
Spiked Amount			Recovery	=	64.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	15571	50.255	ug/l	96
52) Toluene	10.39	92	49362	8.852	ug/l	98
67) Ethyl Benzene	11.74	91	23420	2.360	ug/l	98
68) m/p-Xylenes	11.84	106	44320	11.178	ug/l	99
69) o-Xylene	12.17	106	32902	8.716	ug/l	96
73) Isopropylbenzene	12.47	105	17823	2.083	ug/l	99
78) n-propylbenzene	12.81	91	63409	6.443	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	75969	10.569	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	353317	47.922	ug/l	98
85) sec-Butylbenzene	13.39	105	38345	4.271	ug/l	92
86) p-Isopropyltoluene	13.51	119	23592	2.888	ug/l	99
89) n-Butylbenzene	13.83	91	40052	5.523	ug/l #	75

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006614.D

Acq: 02 Nov 2018 20:52

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MSVOA_W

ClientSampleId :

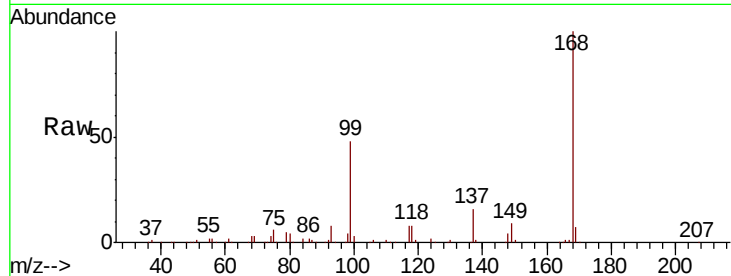
OR-03-103118-ARE

Tot Ion:168 Resp: 223259

Ion Ratio Lower Upper

168 100

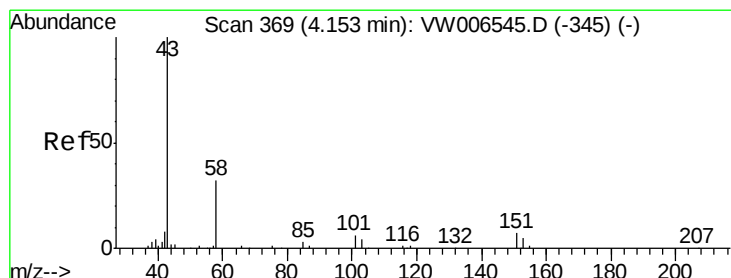
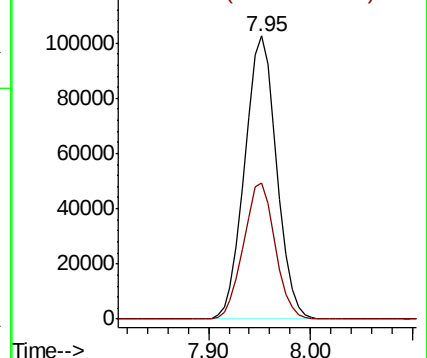
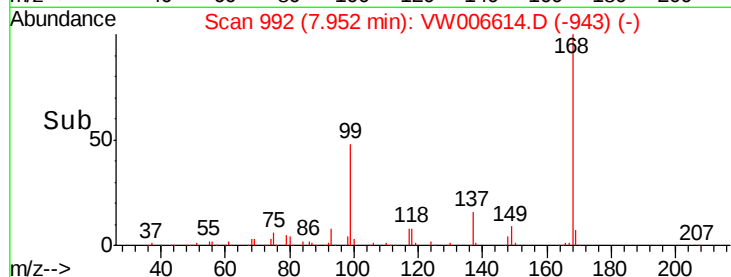
99 48.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95



#16

Acetone

Concen: 50.255 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006614.D

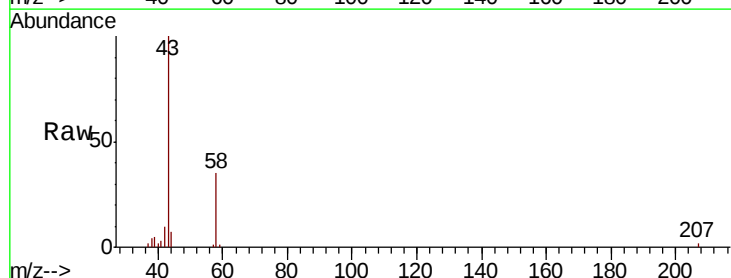
Acq: 02 Nov 2018 20:52

Tgt Ion: 43 Resp: 15571

Ion Ratio Lower Upper

43 100

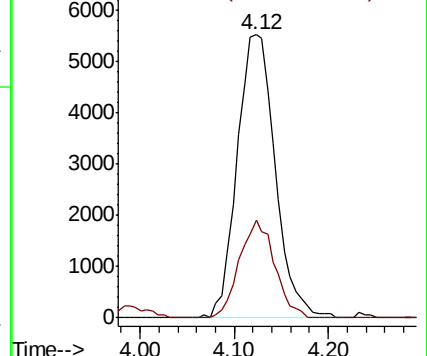
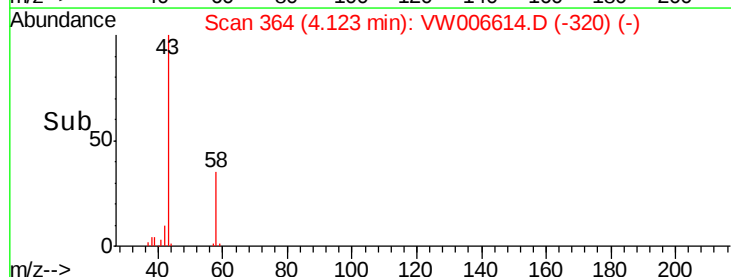
58 34.6 25.8 38.8

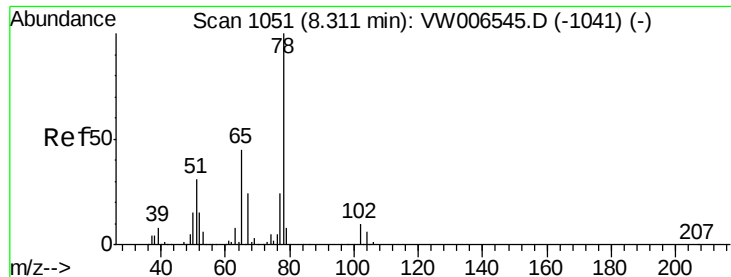


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

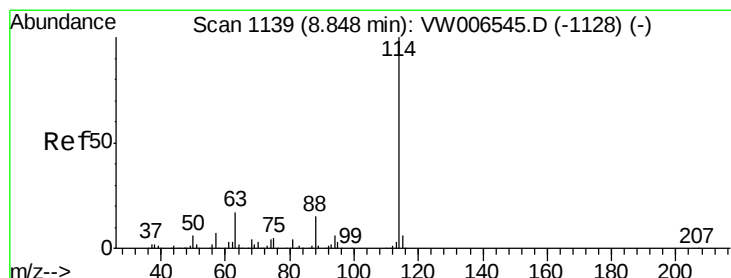
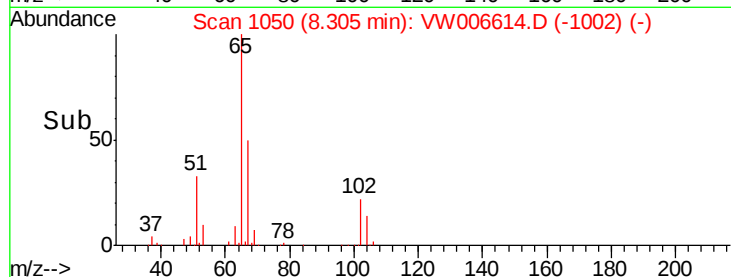
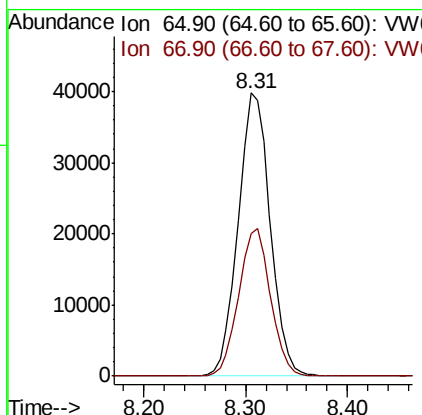
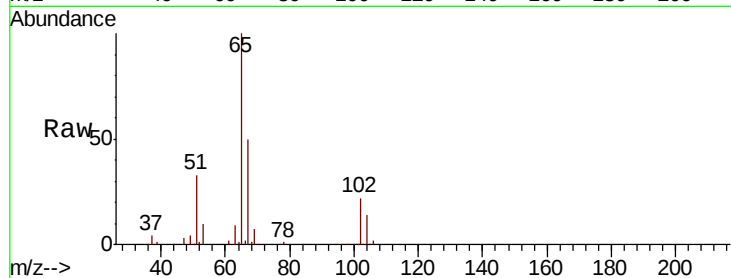




#33
 1,2-Dichloroethane-d4
 Concen: 45.167 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006614.D
 Acq: 02 Nov 2018 20:52

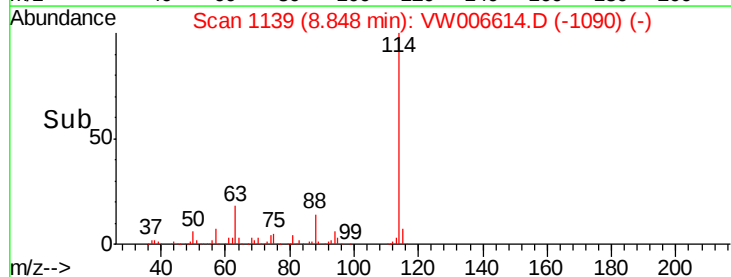
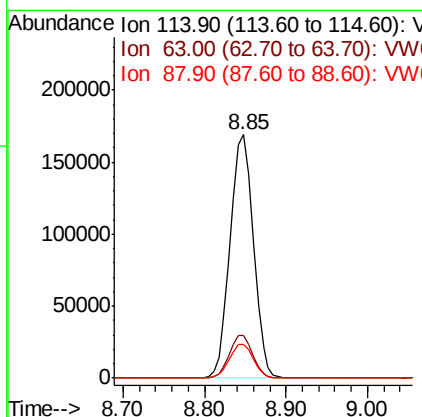
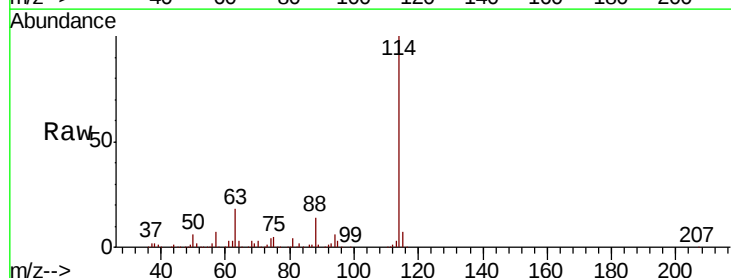
Instrument :
 MSVOA_W
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 OR-03-103118-ARE

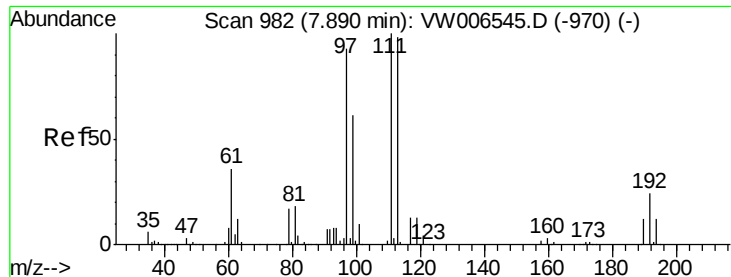
Tot Ion: 65 Resp: 86681
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006614.D
 Acq: 02 Nov 2018 20:52

Tgt Ion: 114 Resp: 332846
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.4
 88 14.1 0.0 29.0

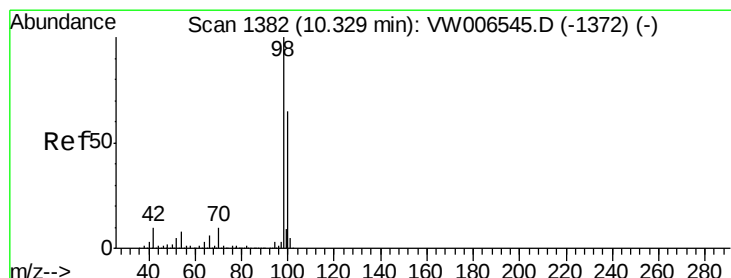
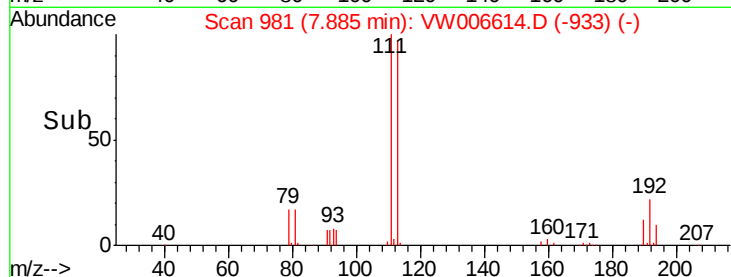
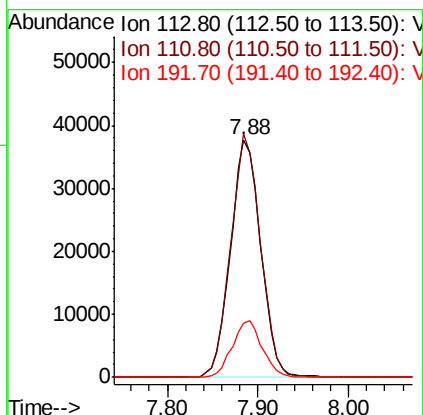
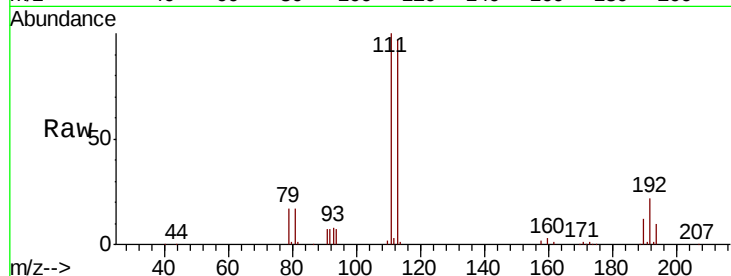




#35
Dibromofluoromethane
Concen: 41.786 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

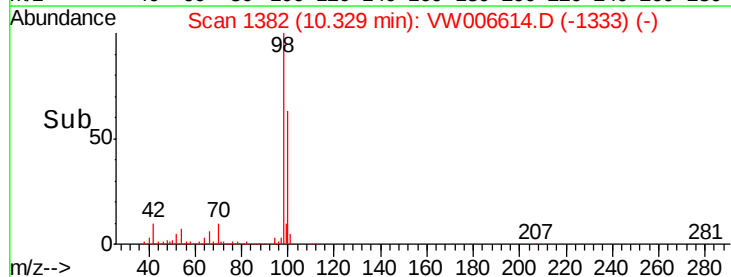
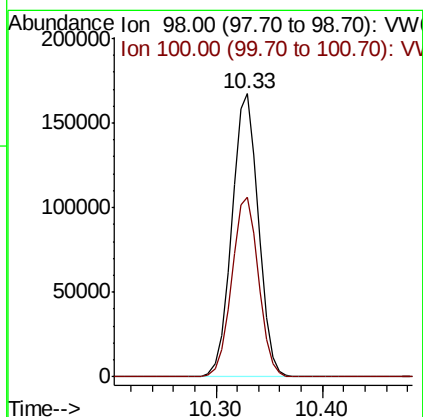
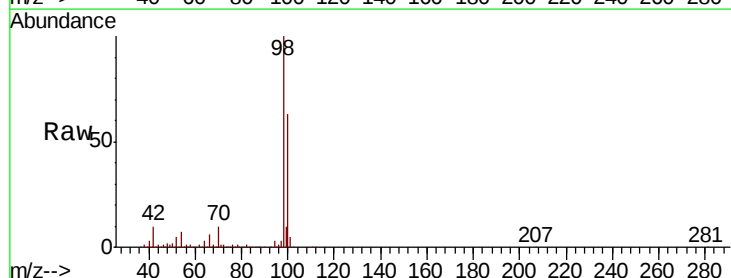
Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-ARE

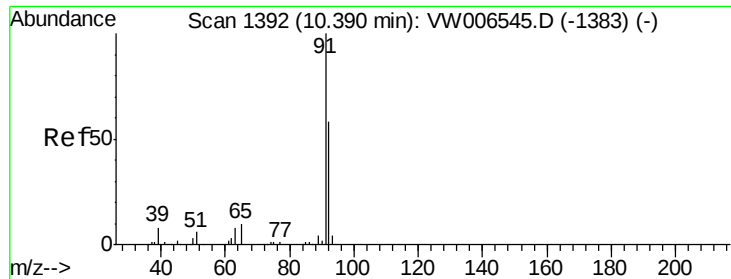
Tot Ion:113 Resp: 87286
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 23.4 19.0 28.6



#50
Toluene-d8
Concen: 36.772 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 98 Resp: 292406
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4





#52

Toluene

Concen: 8.852 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006614.D

Acq: 02 Nov 2018 20:52

Instrument :

MSVOA_W

ClientSampleId :

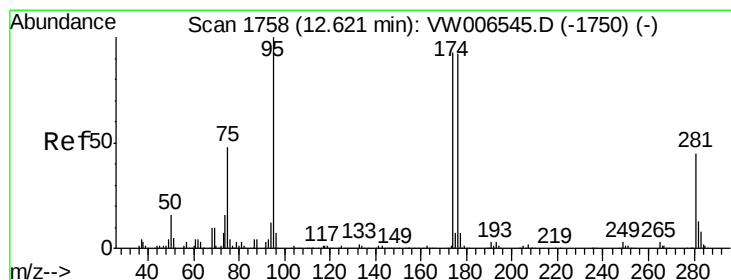
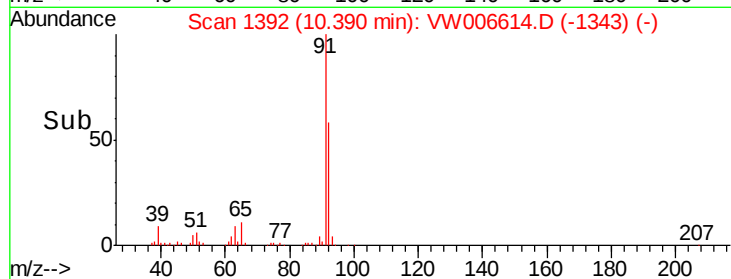
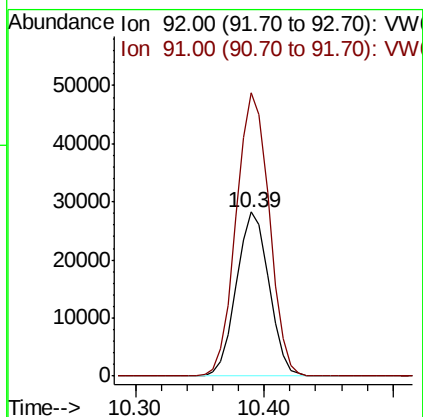
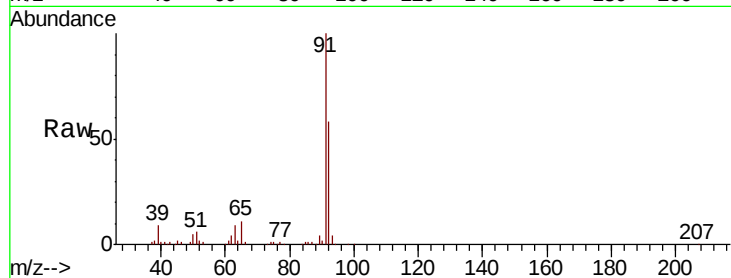
OR-03-103118-ARE

Tot Ion: 92 Resp: 49362

Ion Ratio Lower Upper

92 100

91 175.8 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 32.369 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006614.D

Acq: 02 Nov 2018 20:52

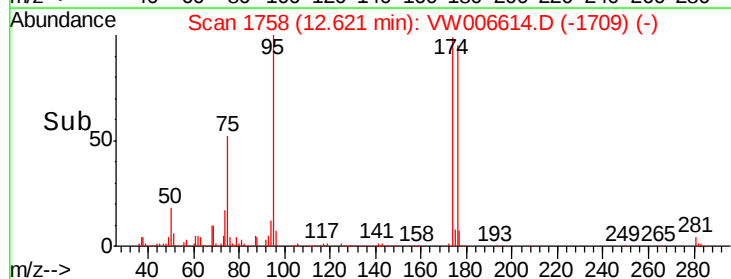
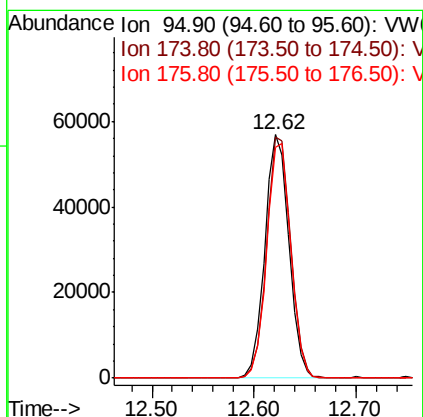
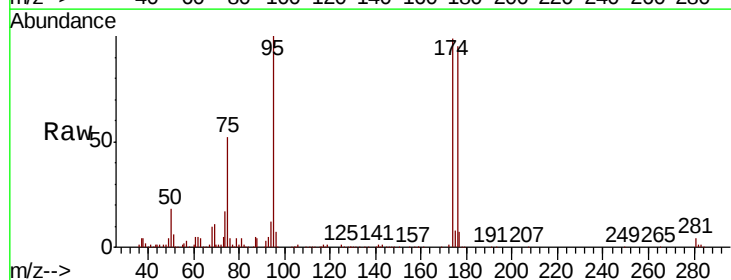
Tgt Ion: 95 Resp: 93315

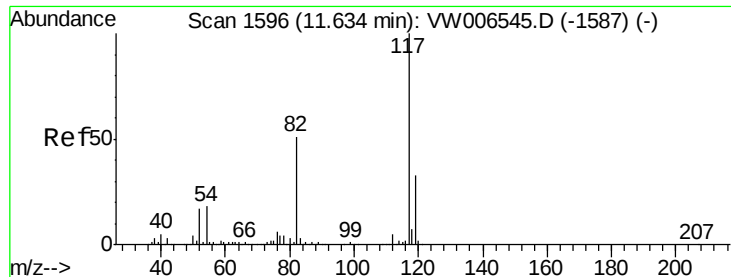
Ion Ratio Lower Upper

95 100

174 98.9 0.0 192.4

176 95.8 0.0 187.4

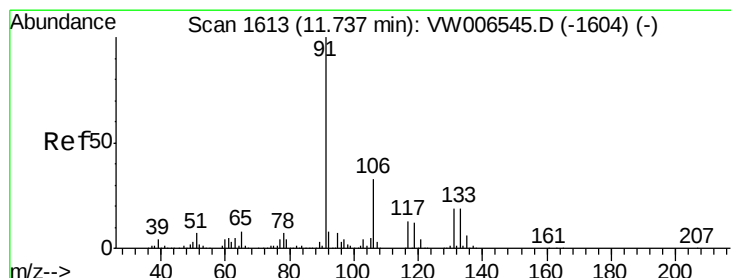
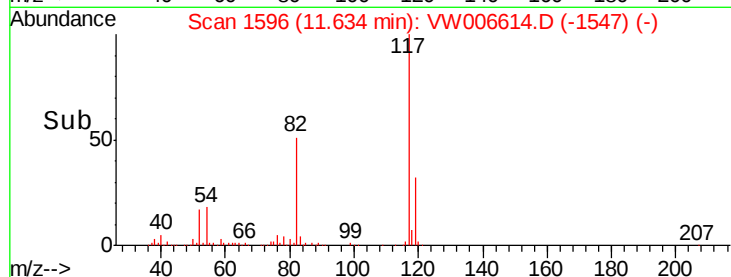
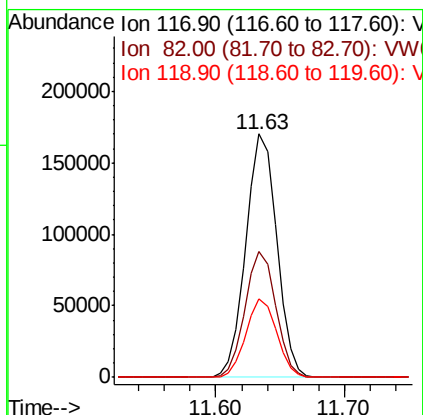
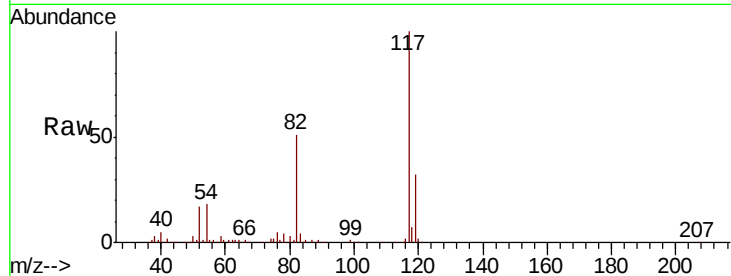




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

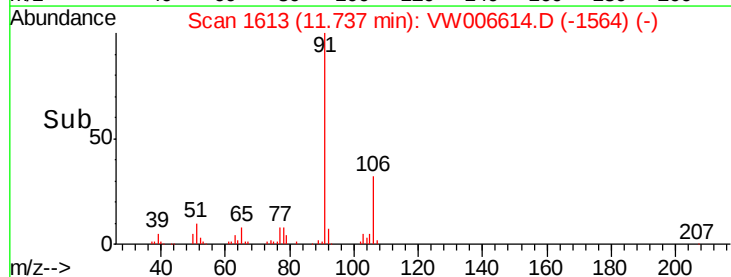
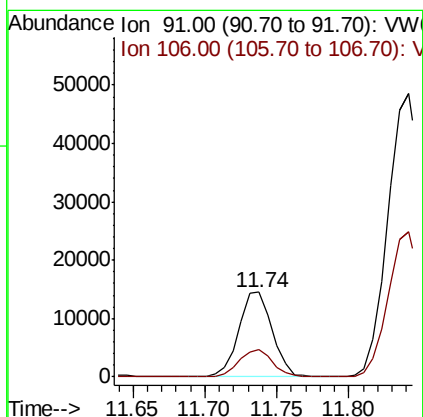
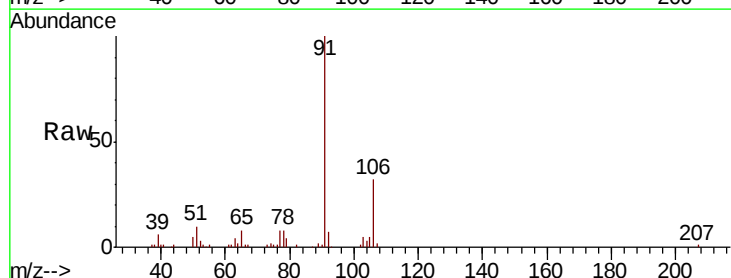
Instrument :
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ClientSampleId :
OR-03-103118-ARE

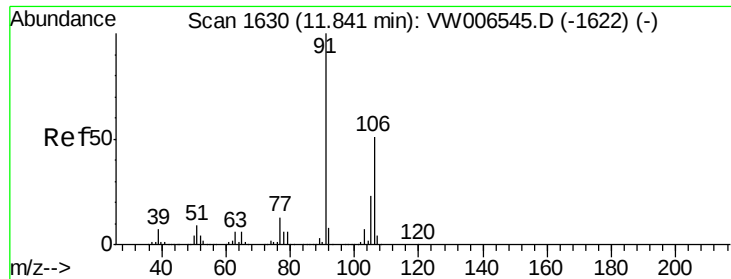
Tot Ion:117 Resp: 282163
Ion Ratio Lower Upper
117 100
82 51.5 40.8 61.2
119 32.2 26.1 39.1



#67
Ethyl Benzene
Concen: 2.360 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 91 Resp: 23420
Ion Ratio Lower Upper
91 100
106 31.9 26.3 39.5

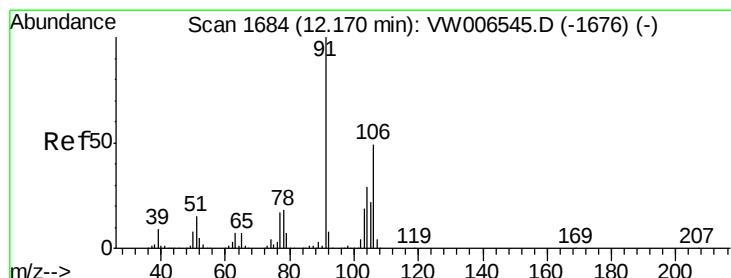
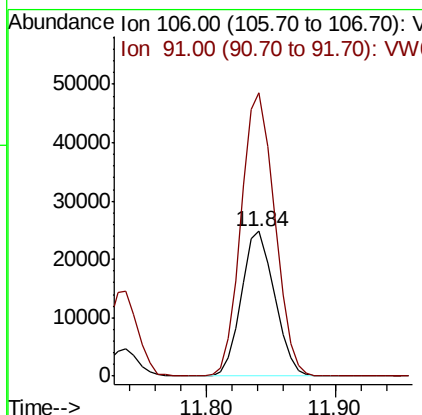
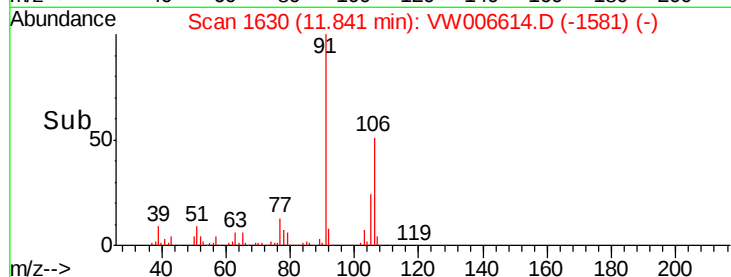
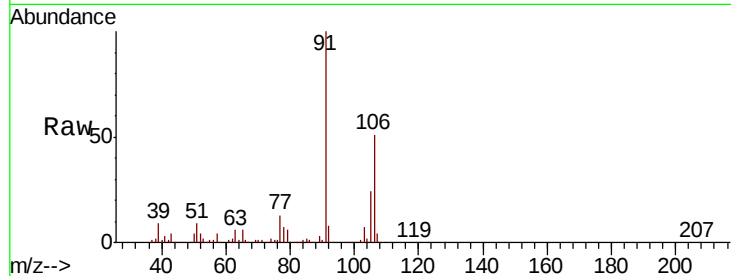




#68
m/p-Xylenes
Concen: 11.178 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

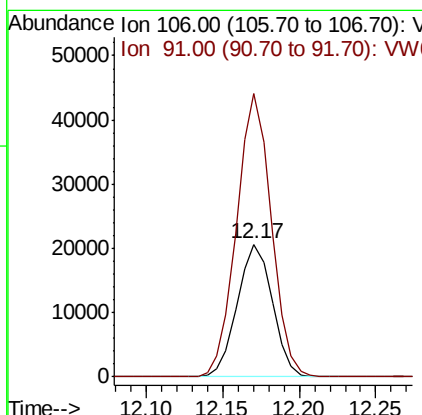
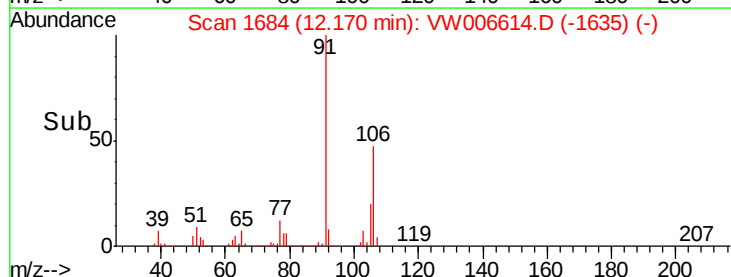
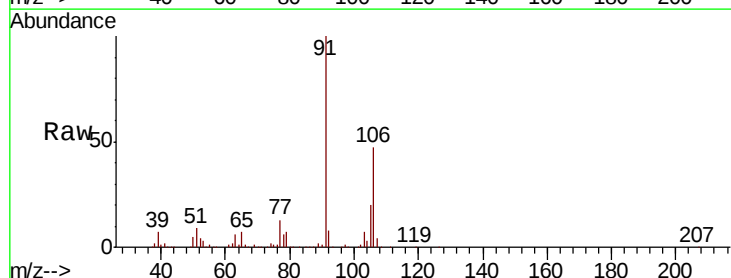
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ClientSampleId :
OR-03-103118-ARE

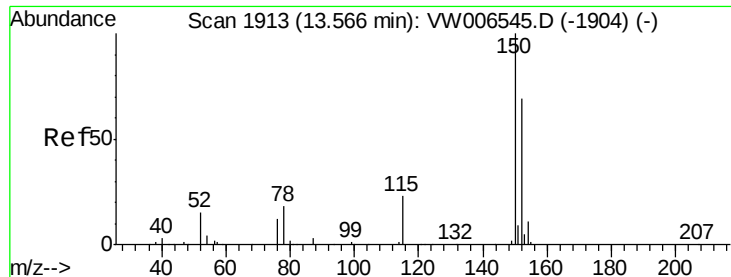
Tot Ion:106 Resp: 44320
Ion Ratio Lower Upper
106 100
91 197.5 156.7 235.1



#69
o-Xylene
Concen: 8.716 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion:106 Resp: 32902
Ion Ratio Lower Upper
106 100
91 212.0 102.8 308.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006614.D

Acq: 02 Nov 2018 20:52

Instrument :

MSVOA_W

ClientSampleId :

OR-03-103118-ARE

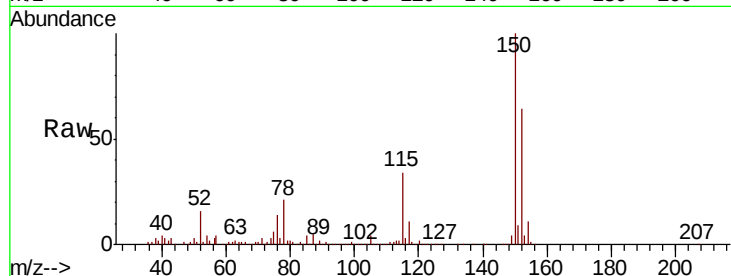
Tot Ion:152 Resp: 129880

Ion Ratio Lower Upper

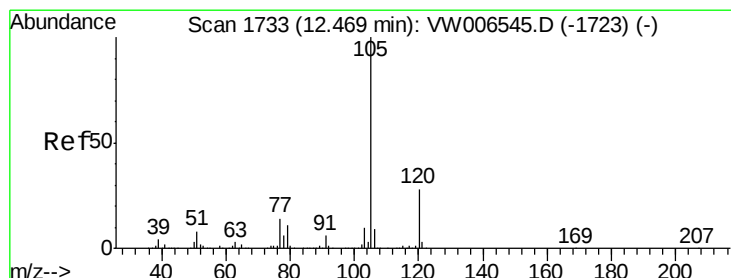
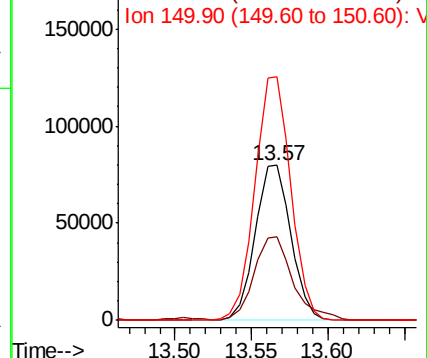
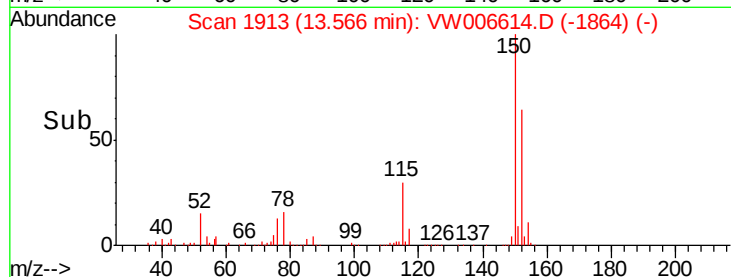
152 100

115 58.9 26.6 79.8

150 157.7 0.0 344.6



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: 2.083 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006614.D

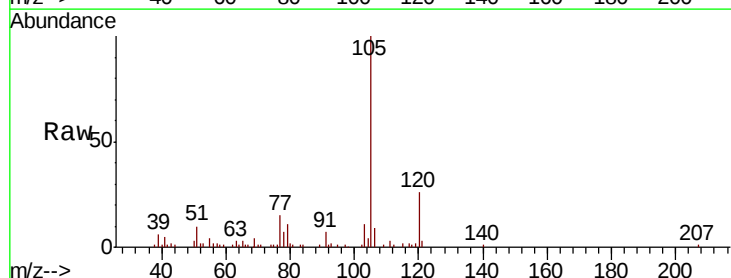
Acq: 02 Nov 2018 20:52

Tgt Ion:105 Resp: 17823

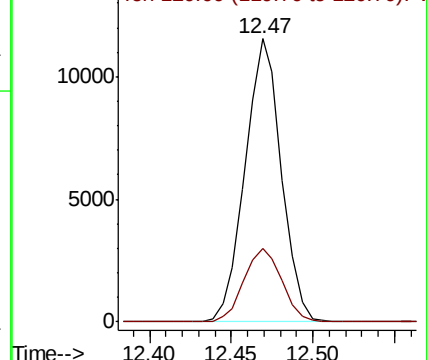
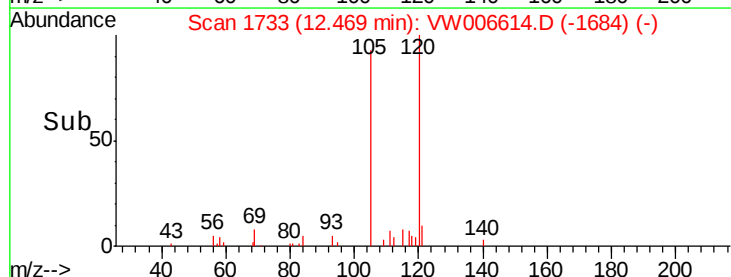
Ion Ratio Lower Upper

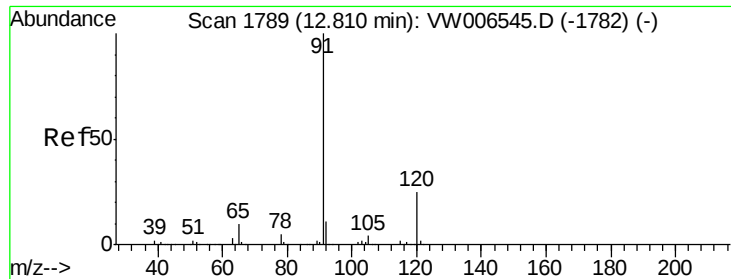
105 100

120 26.9 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 6.443 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006614.D

Acq: 02 Nov 2018 20:52

Instrument :

MSVOA_W

ClientSampleId :

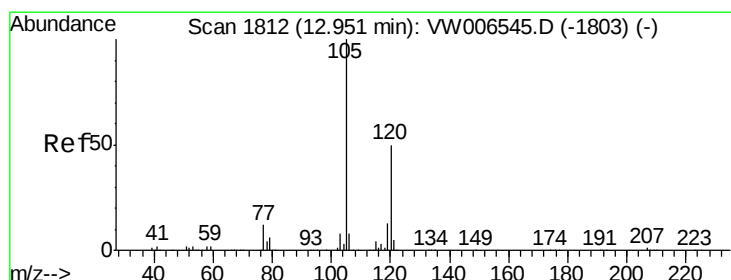
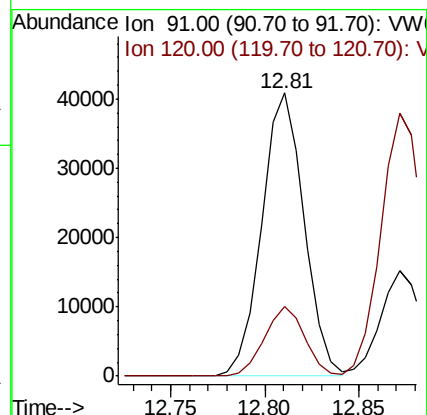
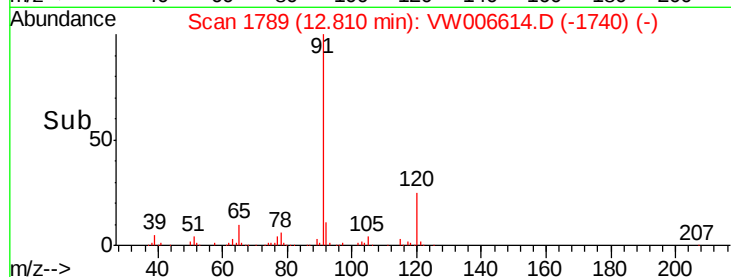
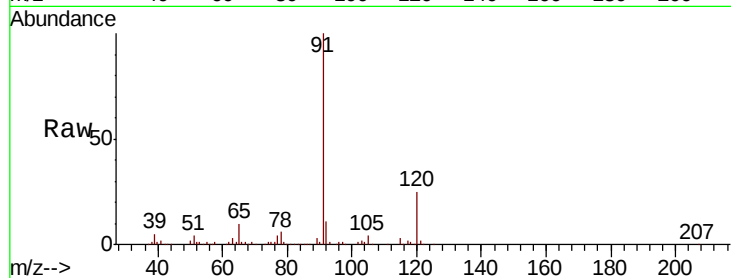
OR-03-103118-ARE

Tot Ion: 91 Resp: 63409

Ion Ratio Lower Upper

91 100

120 23.5 12.4 37.0



#80

1,3,5-Trimethylbenzene

Concen: 10.569 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006614.D

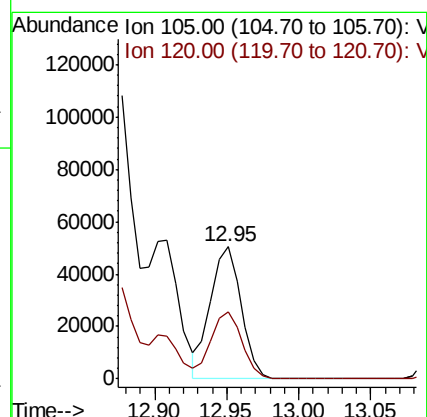
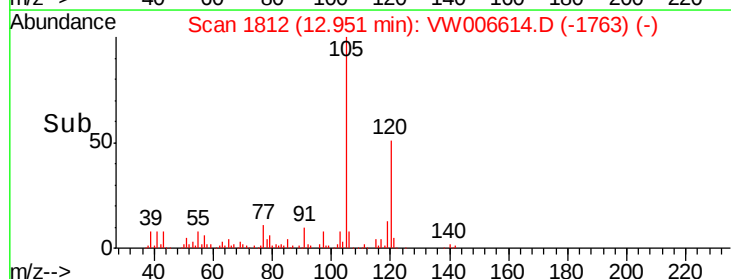
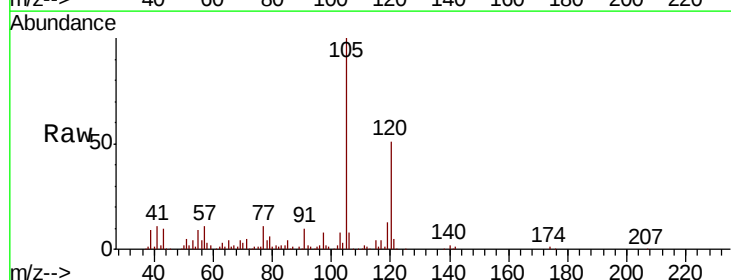
Acq: 02 Nov 2018 20:52

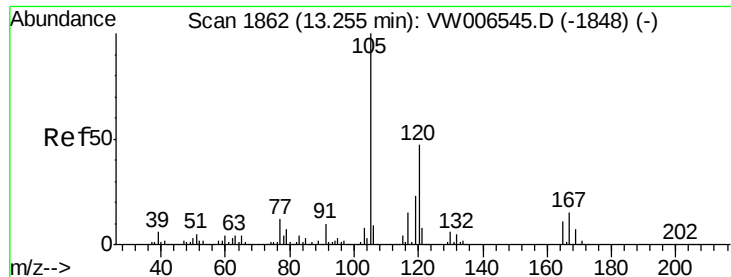
Tgt Ion:105 Resp: 75969

Ion Ratio Lower Upper

105 100

120 50.8 25.1 75.3

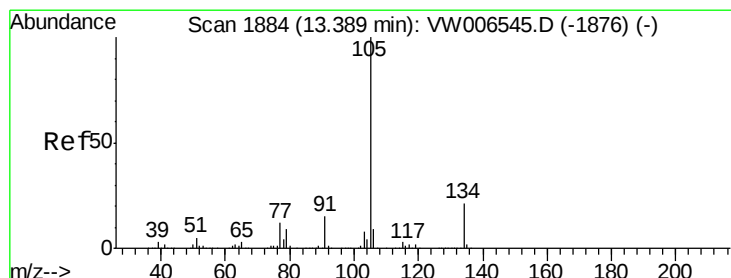
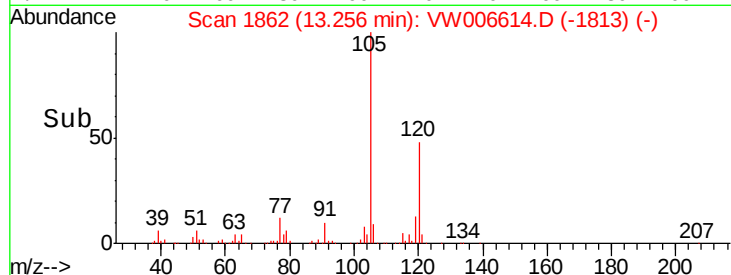
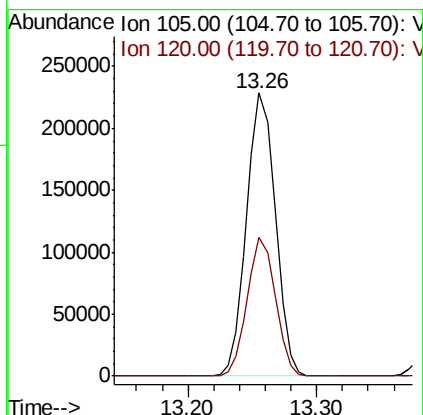
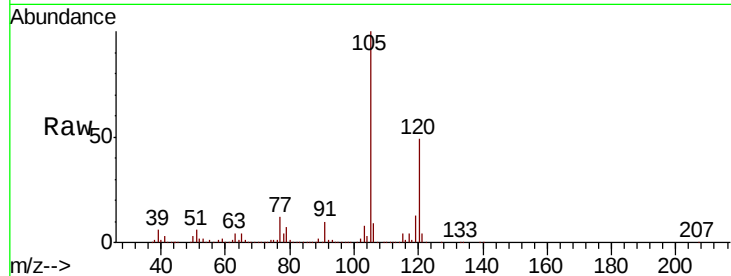




#84
 1,2,4-Trimethylbenzene
 Concen: 47.922 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006614.D
 Acq: 02 Nov 2018 20:52

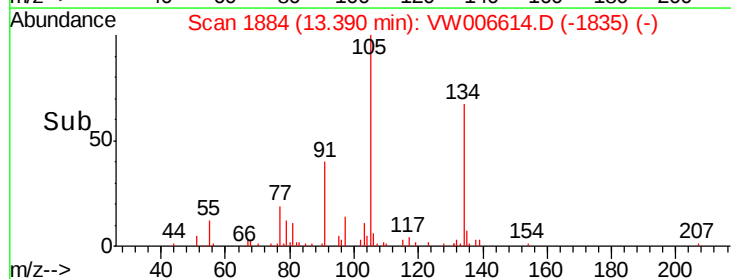
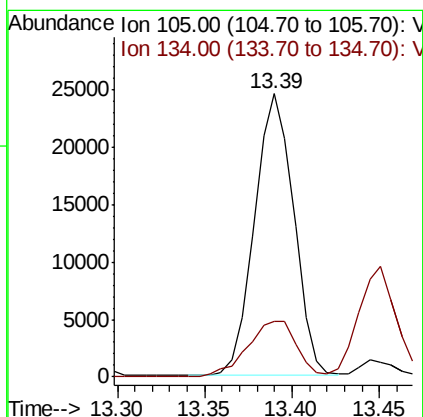
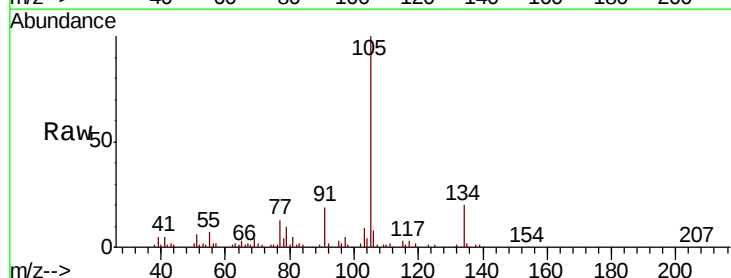
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-103118-ARE

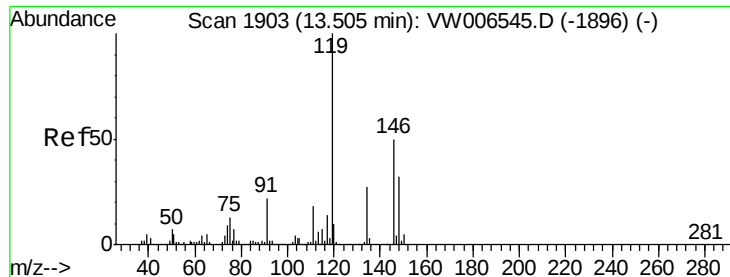
Tot Ion:105 Resp: 353317
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 4.271 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006614.D
 Acq: 02 Nov 2018 20:52

Tgt Ion:105 Resp: 38345
 Ion Ratio Lower Upper
 105 100
 134 25.0 10.6 31.8

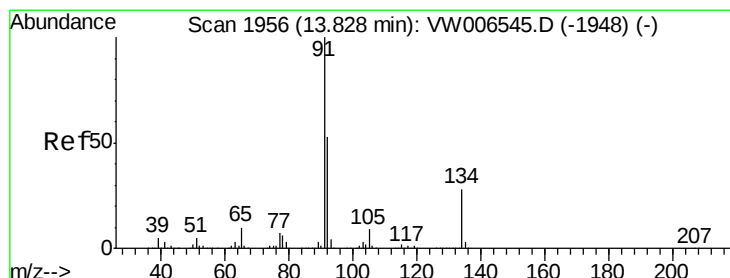
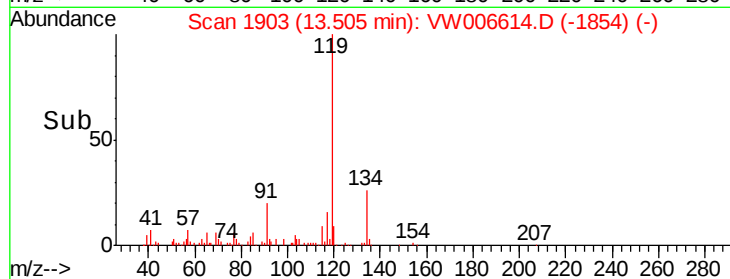
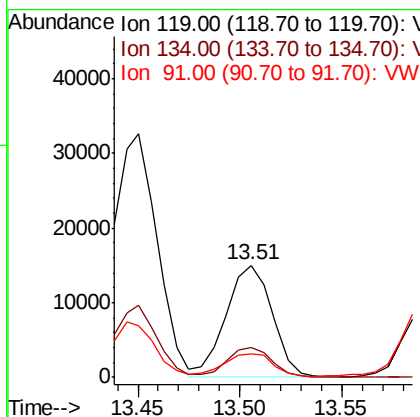
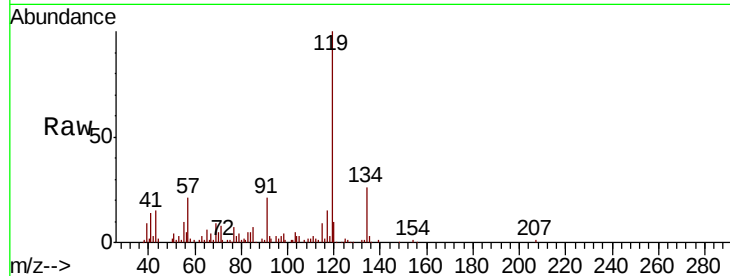




#86
p-Isopropyltoluene
Concen: 2.888 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-ARE

Tot Ion:119 Resp: 23592
Ion Ratio Lower Upper
119 100
134 26.0 13.6 40.7
91 21.5 10.9 32.6



#89
n-Butylbenzene
Concen: 5.523 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 91 Resp: 40052
Ion Ratio Lower Upper
91 100
92 59.2 26.4 79.0
134 0.0 14.3 42.9#

