

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014746.D
 Acq On : 24 Jan 2020 16:07
 Operator : SY/VA
 Sample : L1007-01
 Misc : 7.93G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-012320-A

Quant Time: Jan 25 06:20:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	430418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	717440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	518885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	177233	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	236915	57.15	ug/l	0.00
Spiked Amount			Recovery	=	114.30%	
35) Dibromofluoromethane	7.88	113	222533	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	
50) Toluene-d8	10.32	98	777069	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	
62) 4-Bromofluorobenzene	12.62	95	203861	35.41	ug/l	0.00
Spiked Amount			Recovery	=	70.82%	

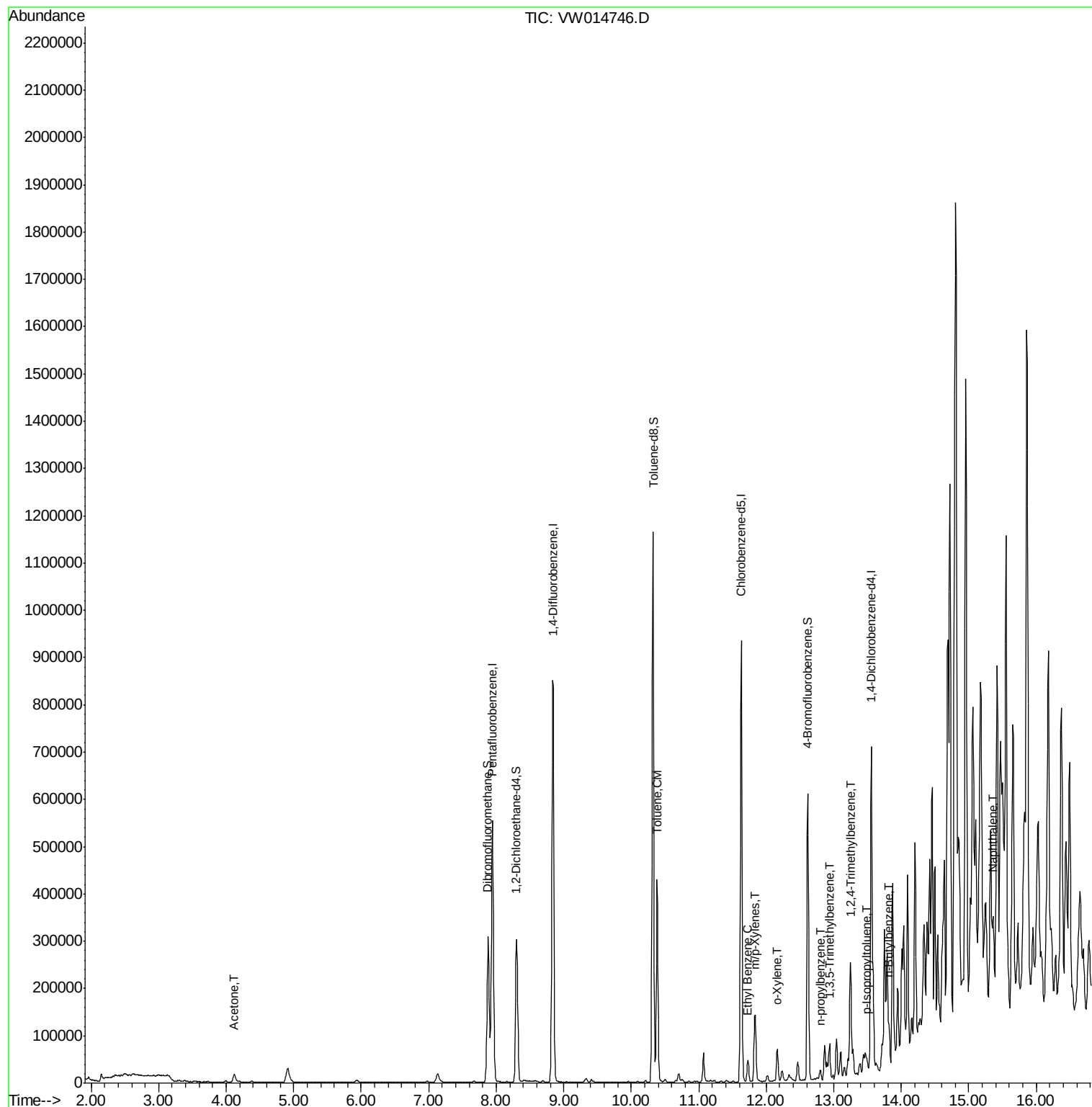
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	31509	30.243	ug/l	98
52) Toluene	10.38	92	185528	14.958	ug/l	100
67) Ethyl Benzene	11.73	91	30556	1.598	ug/l	97
68) m/p-Xylenes	11.84	106	44103	6.100	ug/l	100
69) o-Xylene	12.16	106	17506	2.683	ug/l	97
78) n-propylbenzene	12.80	91	16426	1.072	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	22832	2.134	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	133552	12.492	ug/l	97
86) p-Isopropyltoluene	13.49	119	13137	1.113	ug/l	96
89) n-Butylbenzene	13.82	91	45133	4.007	ug/l #	78
95) Naphthalene	15.36	128	74558	13.285	ug/l #	95

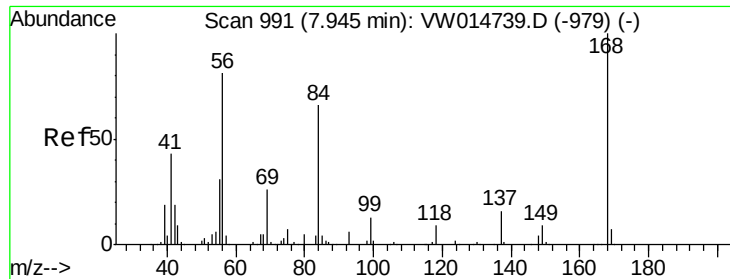
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012420\
Data File : VW014746.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 24 13:12:20 2020
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: VW014746.D

Acq: 24 Jan 2020 16:07

Instrument :

MSVOA_W

ClientSampleId :

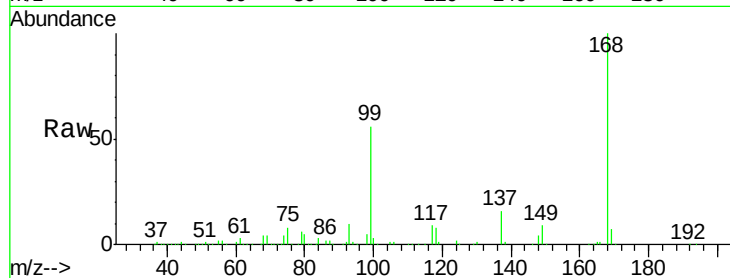
JC-03-012320-A

Tot Ion:168 Resp: 430418

Ion Ratio Lower Upper

168 100

99 55.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

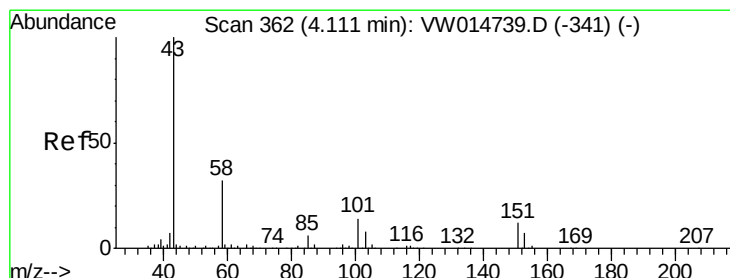
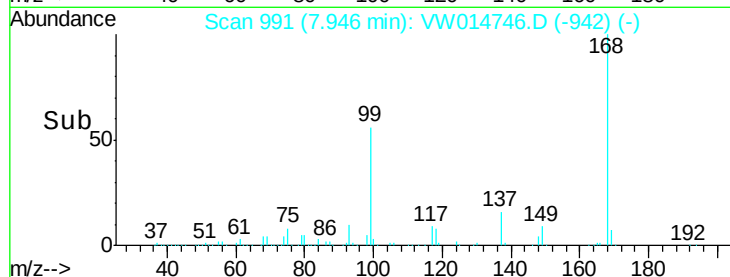
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 30.243 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014746.D

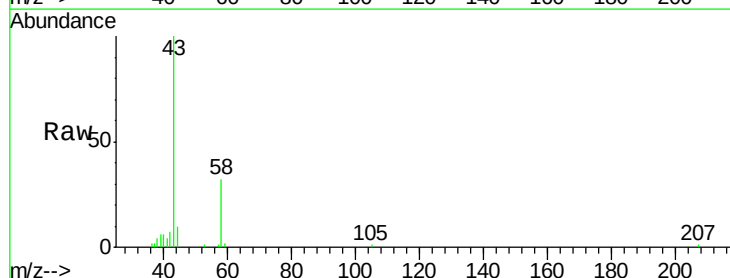
Acq: 24 Jan 2020 16:07

Tgt Ion: 43 Resp: 31509

Ion Ratio Lower Upper

43 100

58 31.1 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

12000

10000

8000

6000

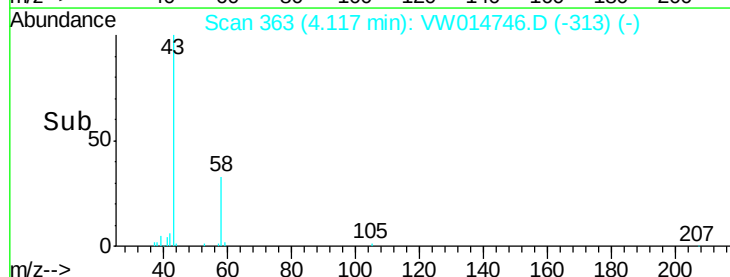
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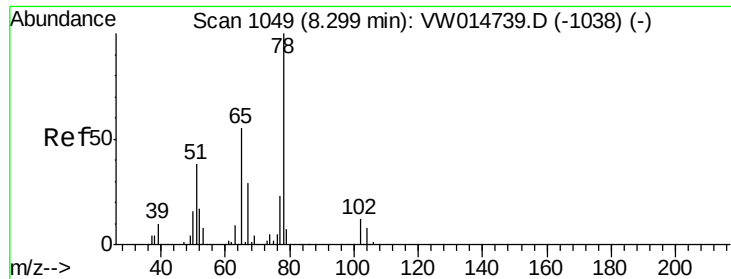
2000

0

4.00 4.10 4.20

Time-->

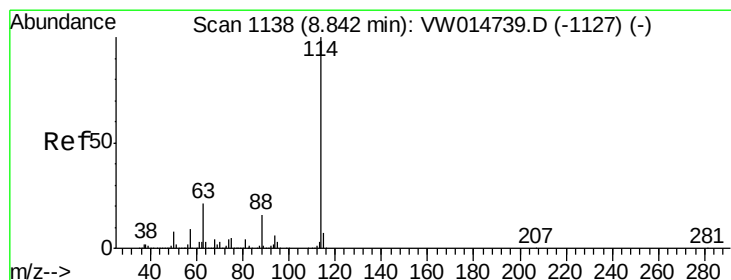
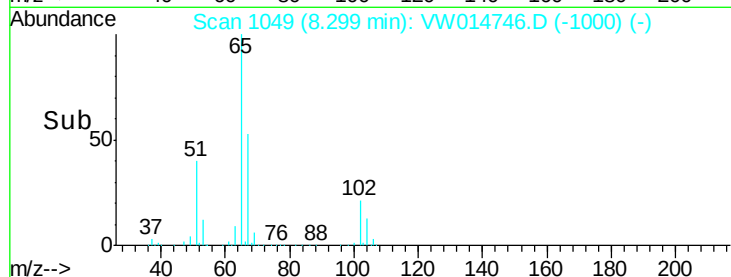
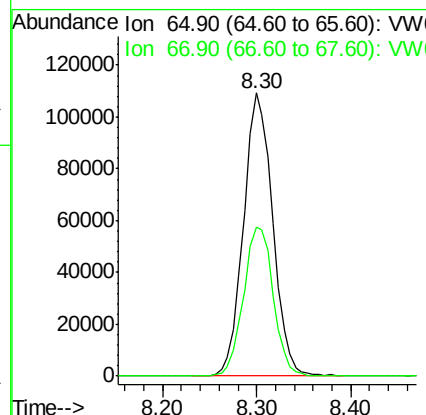
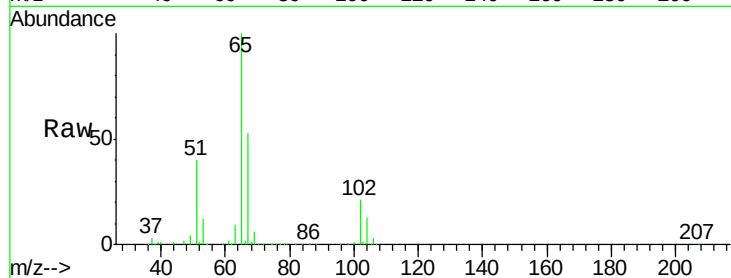




#33
 1,2-Dichloroethane-d4
 Concen: 57.150 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VW014746.D
 Acq: 24 Jan 2020 16:07

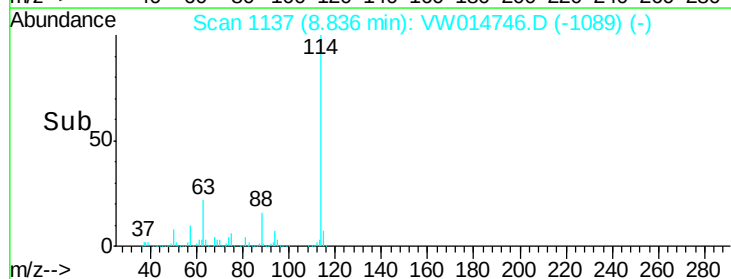
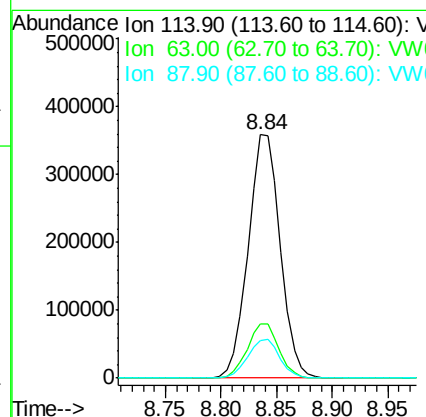
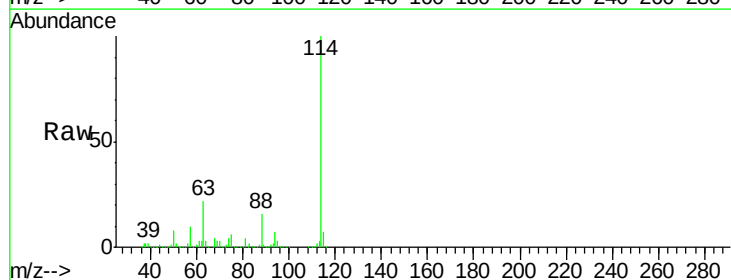
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-012320-A

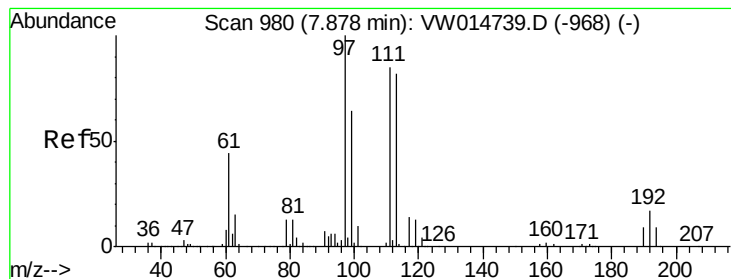
Tot Ion: 65 Resp: 236915
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014746.D
 Acq: 24 Jan 2020 16:07

Tgt Ion: 114 Resp: 717440
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 41.2
 88 15.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.286 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014746.D

Acq: 24 Jan 2020 16:07

Instrument :

MSVOA_W

ClientSampleId :

JC-03-012320-A

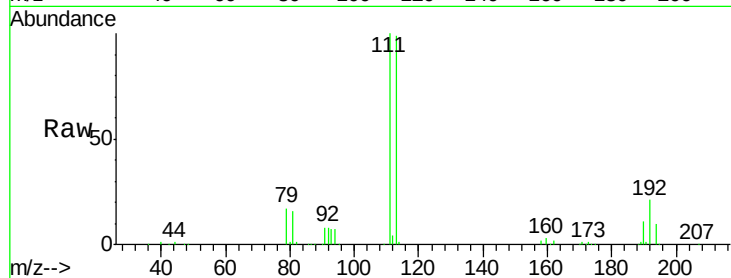
Tot Ion:113 Resp: 222533

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

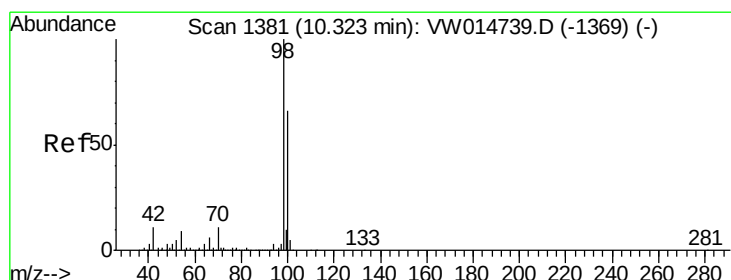
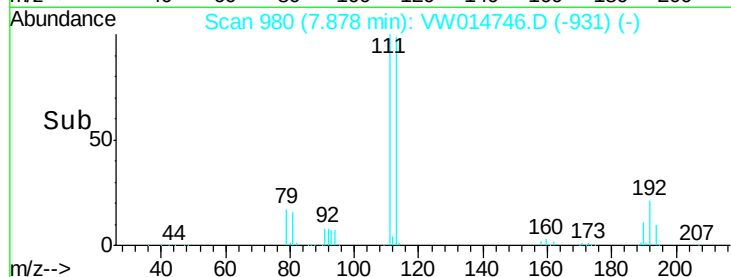
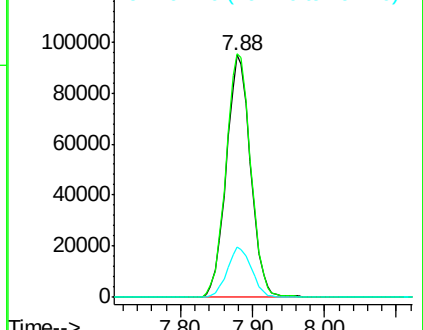
192 20.8 17.0 25.6



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: 45.125 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014746.D

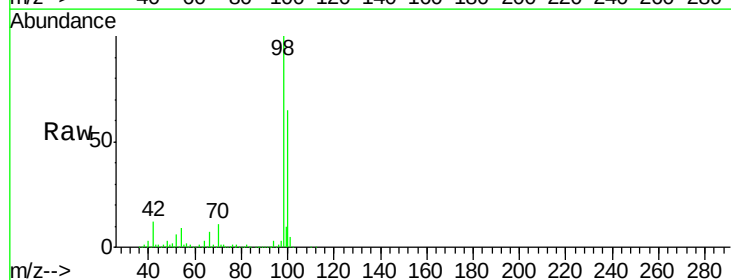
Acq: 24 Jan 2020 16:07

Tgt Ion: 98 Resp: 777069

Ion Ratio Lower Upper

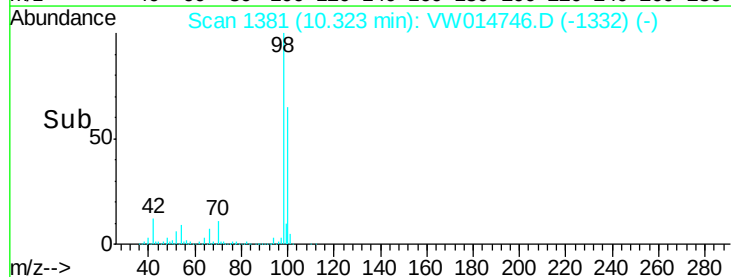
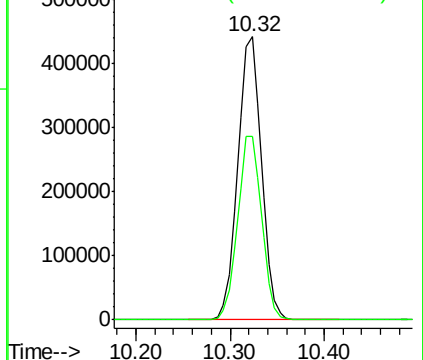
98 100

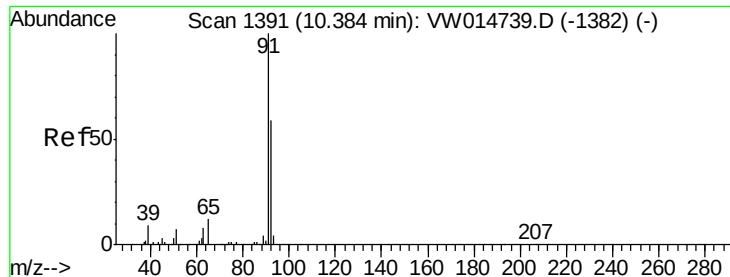
100 65.5 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 14.958 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014746.D

Acq: 24 Jan 2020 16:07

Instrument :

MSVOA_W

ClientSampleId :

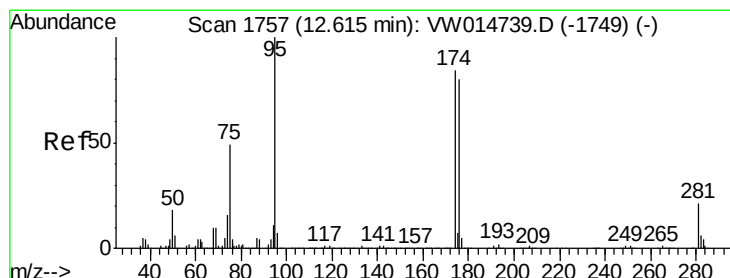
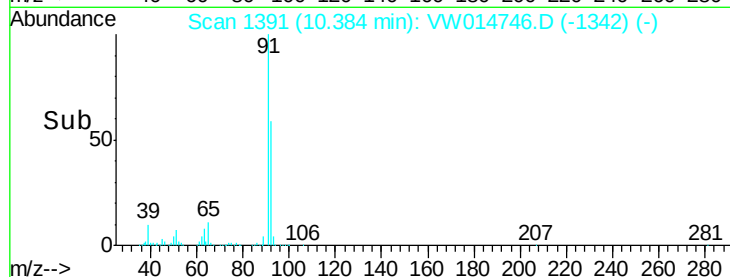
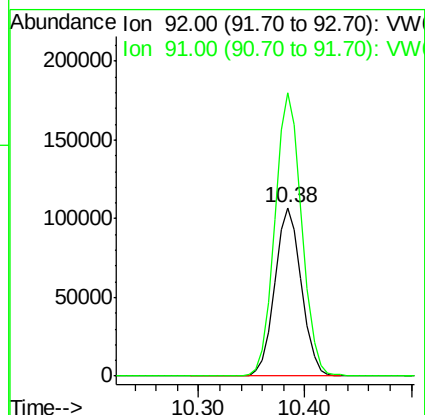
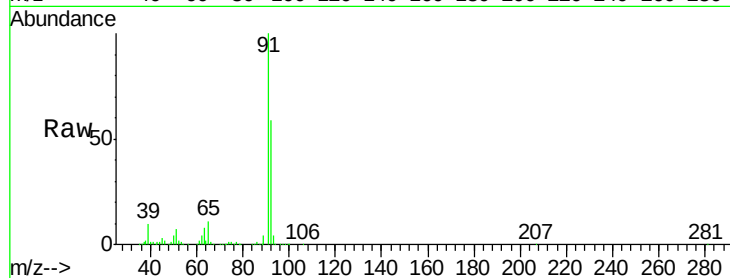
JC-03-012320-A

Tot Ion: 92 Resp: 185528

Ion Ratio Lower Upper

92 100

91 170.1 135.8 203.8



#62

4-Bromofluorobenzene

Concen: 35.408 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014746.D

Acq: 24 Jan 2020 16:07

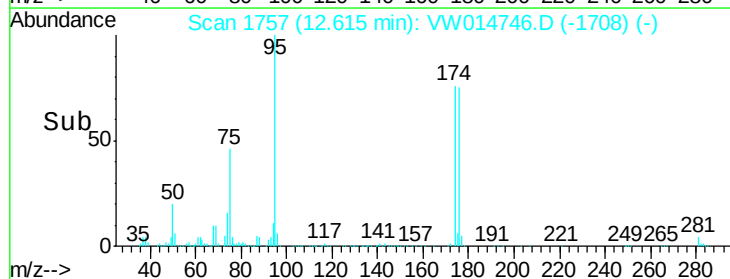
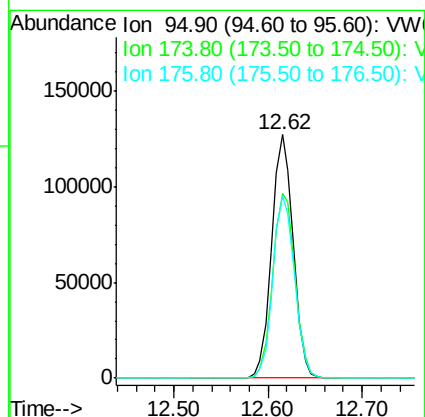
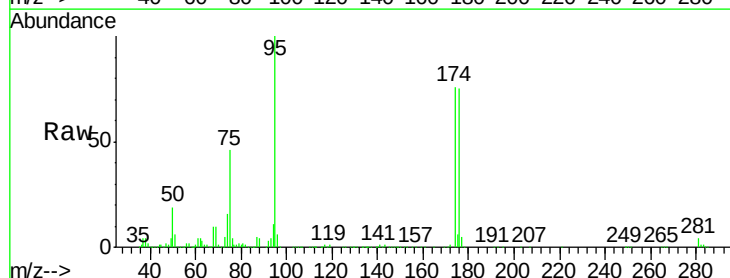
Tgt Ion: 95 Resp: 203861

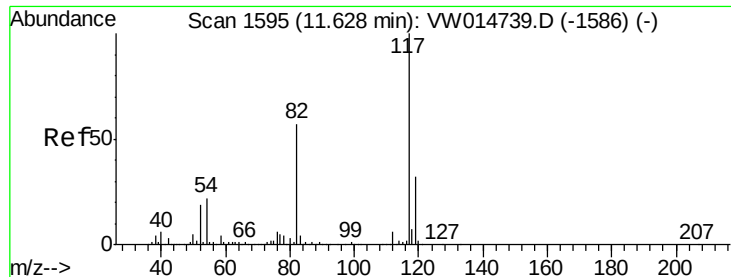
Ion Ratio Lower Upper

95 100

174 78.9 0.0 163.0

176 75.4 0.0 159.2

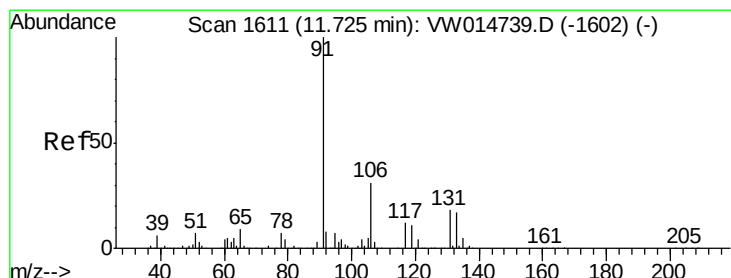
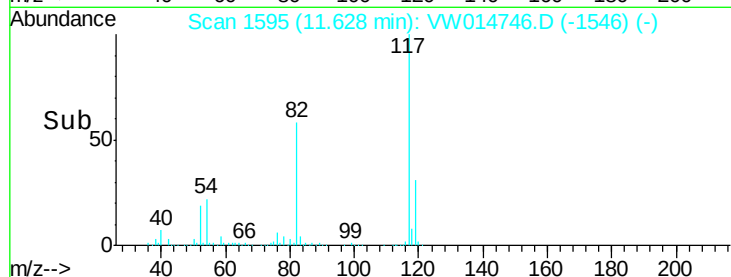
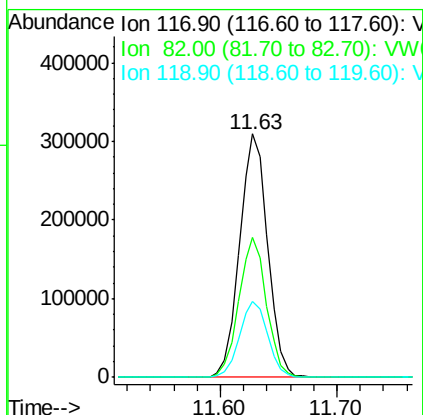
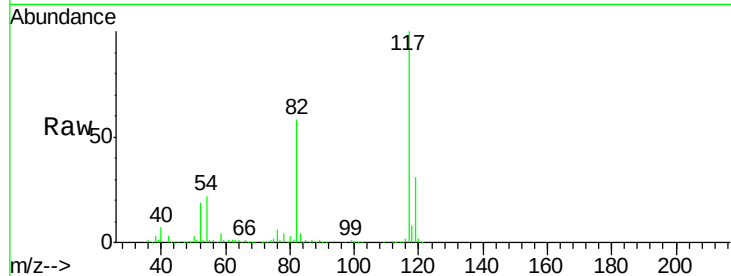




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014746.D
Acq: 24 Jan 2020 16:07

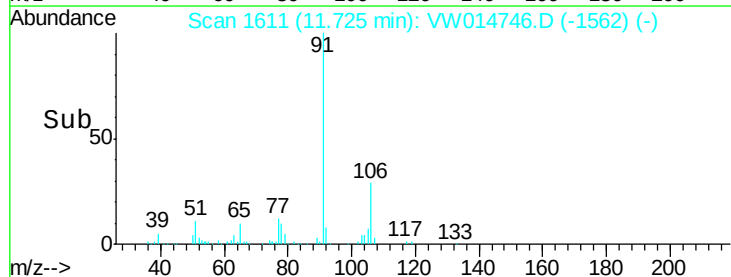
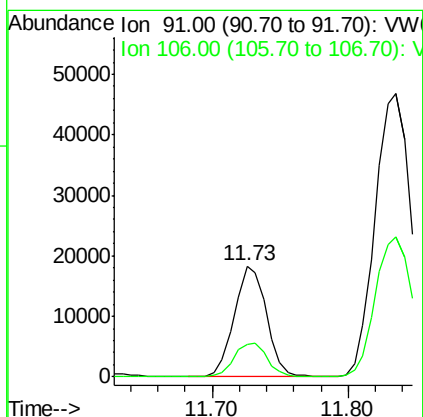
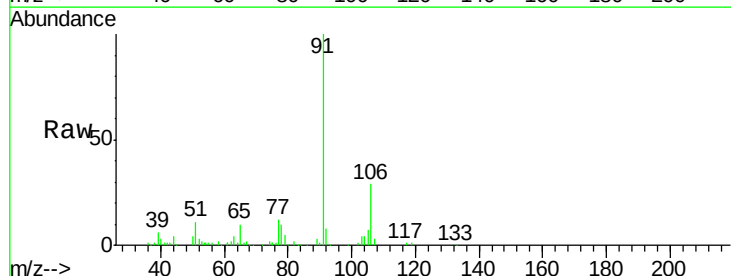
Instrument :
MSVOA_W
ClientSampleId :
JC-03-012320-A

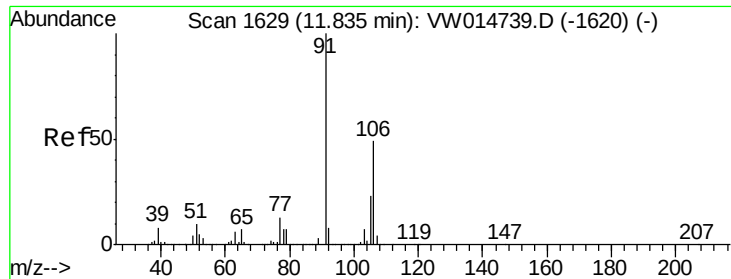
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.9	68.9
119	31.3	25.7	38.5



#67
Ethyl Benzene
Concen: 1.598 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014746.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.9	24.5	36.7

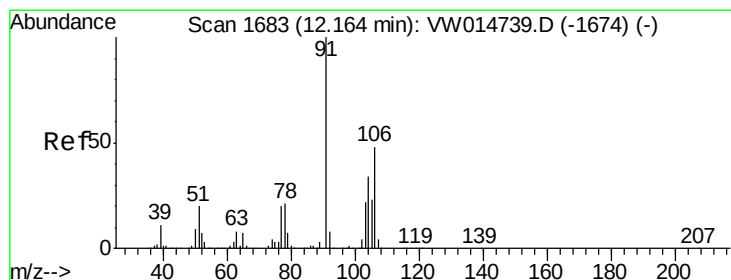
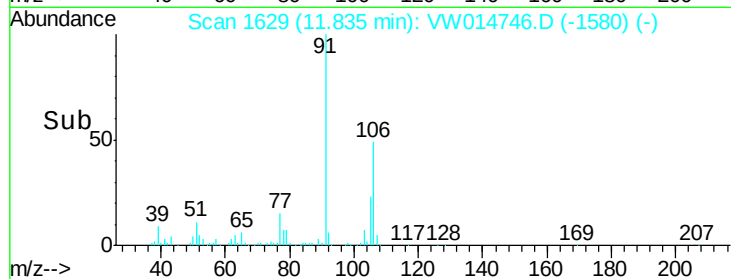
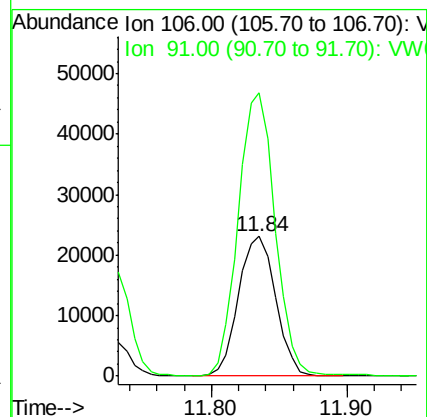
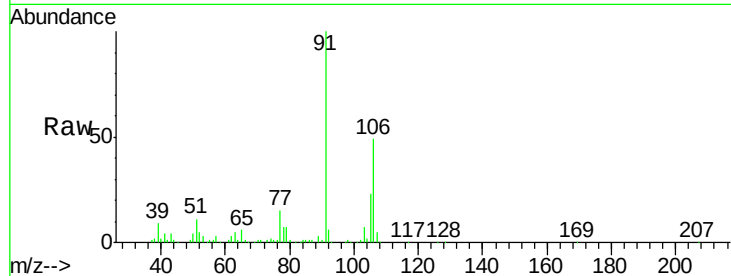




#68
m/p-Xylenes
Concen: 6.100 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014746.D
Acq: 24 Jan 2020 16:07

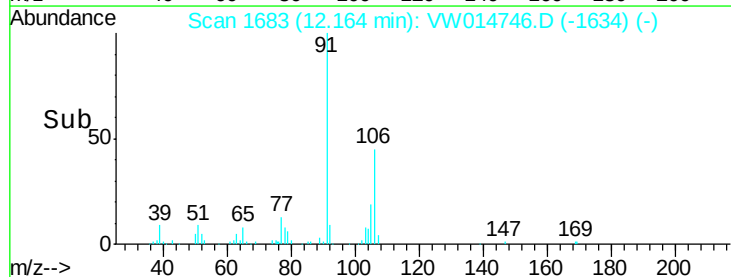
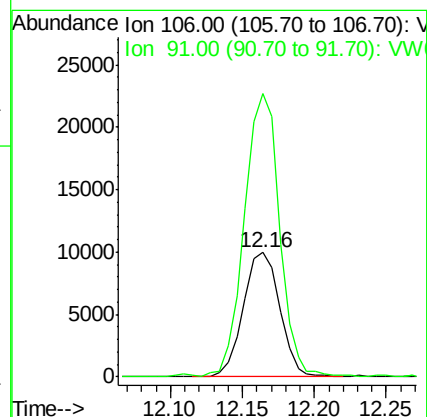
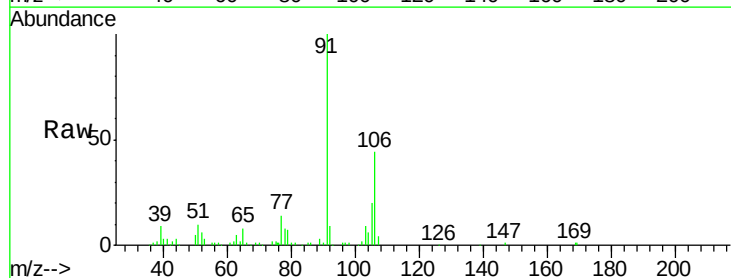
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MSVOA_W
ClientSampled :
JC-03-012320-A

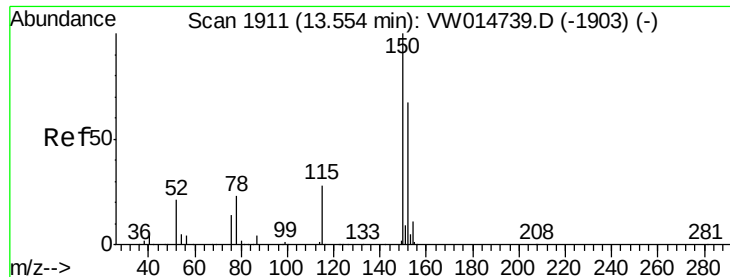
Tot Ion:106 Resp: 44103
Ion Ratio Lower Upper
106 100
91 201.9 161.4 242.0



#69
o-Xylene
Concen: 2.683 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014746.D
Acq: 24 Jan 2020 16:07

Tgt Ion:106 Resp: 17506
Ion Ratio Lower Upper
106 100
91 219.7 107.1 321.3

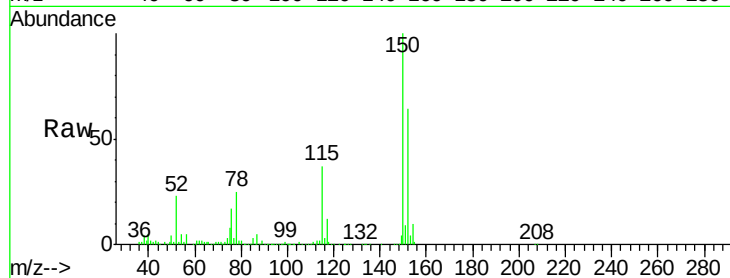




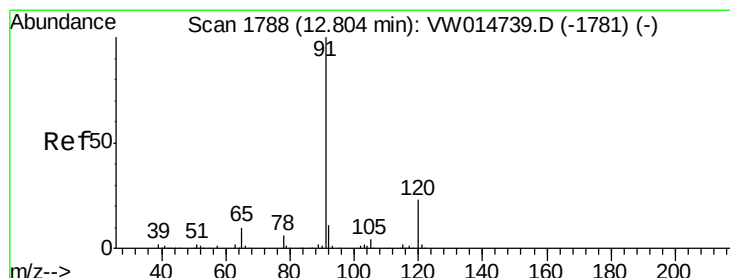
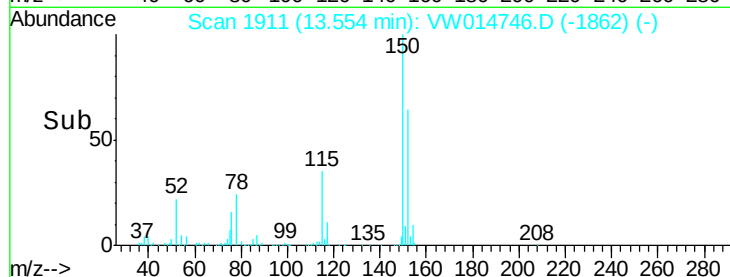
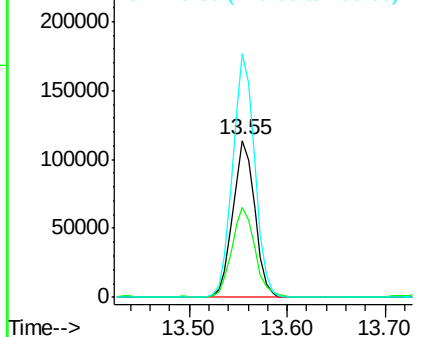
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: VW014746.D
 Acq: 24 Jan 2020 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-012320-A

Tot Ion:152 Resp: 177233
 Ion Ratio Lower Upper
 152 100
 115 60.0 29.0 87.1
 150 155.4 0.0 354.0

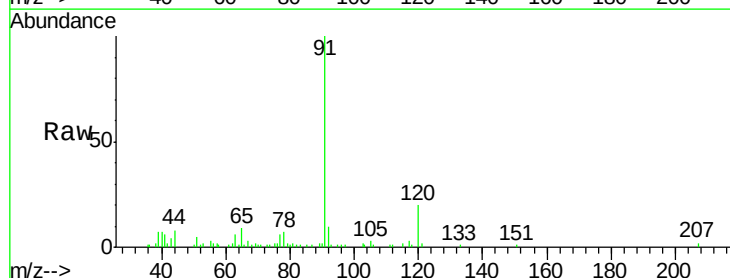


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

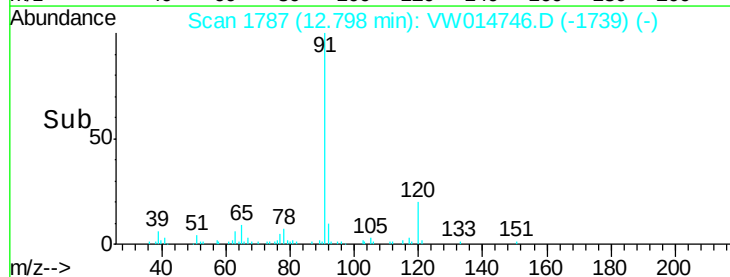
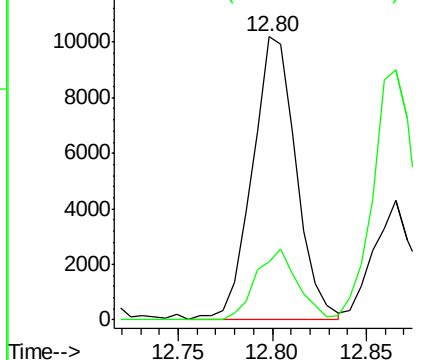


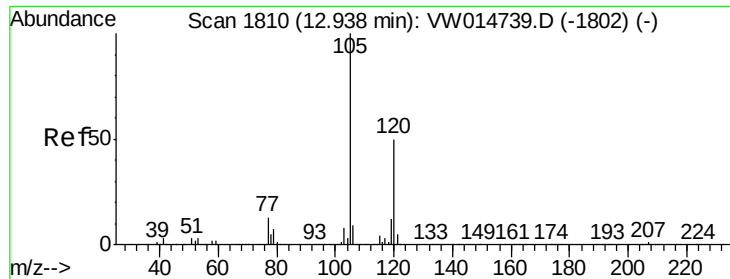
#78
 n-propylbenzene
 Concen: 1.072 ug/l
 RT: 12.80 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: VW014746.D
 Acq: 24 Jan 2020 16:07

Tgt Ion: 91 Resp: 16426
 Ion Ratio Lower Upper
 91 100
 120 23.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 120.00 (119.70 to 120.70): V

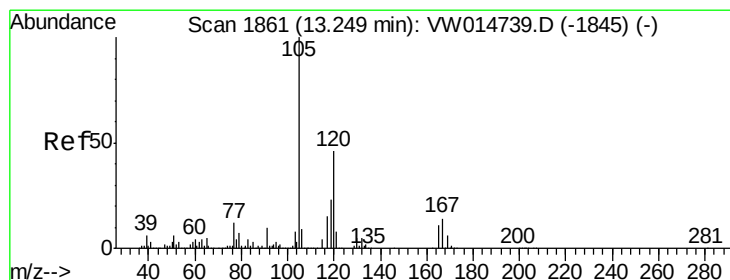
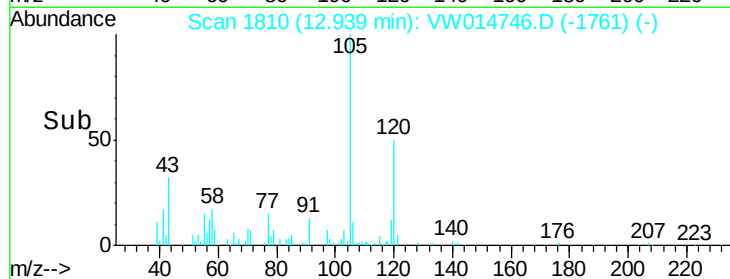
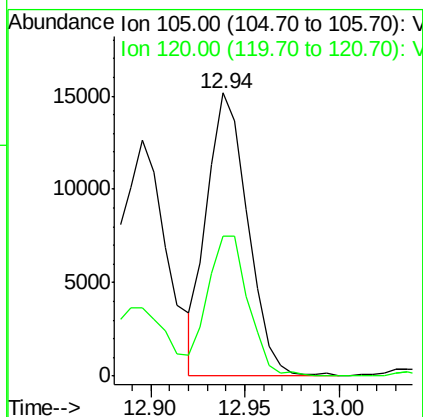
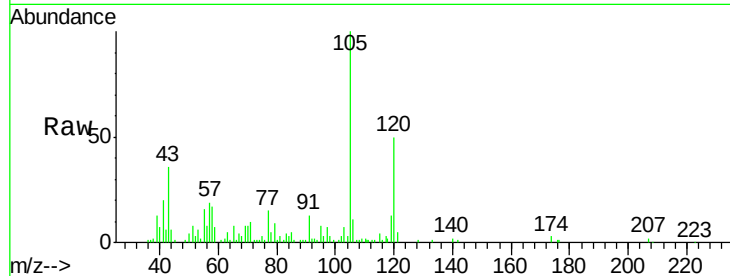




#80
 1,3,5-Trimethylbenzene
 Concen: 2.134 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW014746.D
 Acq: 24 Jan 2020 16:07

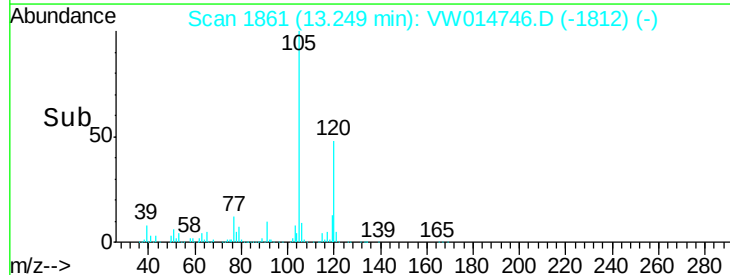
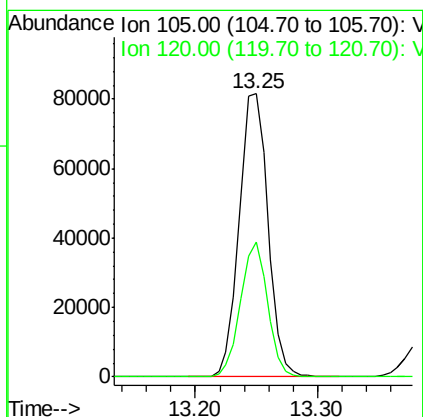
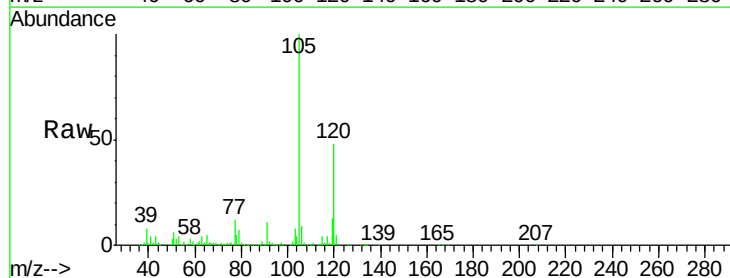
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-012320-A

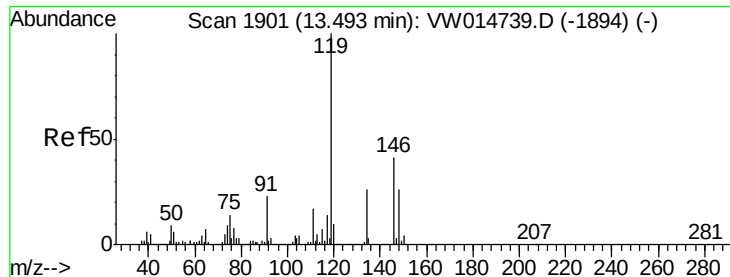
Tot Ion:105 Resp: 22832
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.0 75.0



#84
 1,2,4-Trimethylbenzene
 Concen: 12.492 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW014746.D
 Acq: 24 Jan 2020 16:07

Tgt Ion:105 Resp: 133552
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.3 69.8

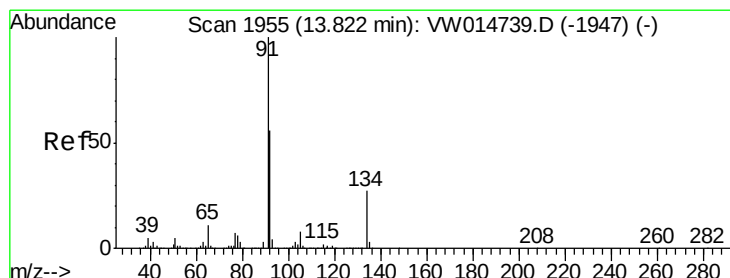
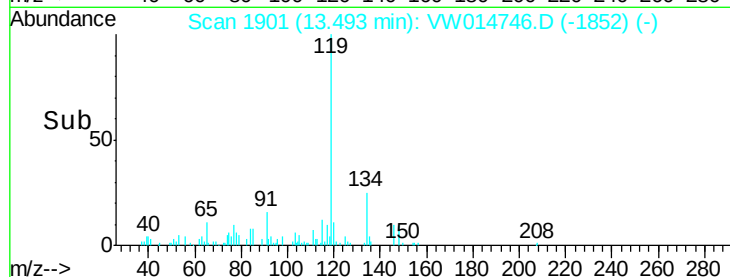
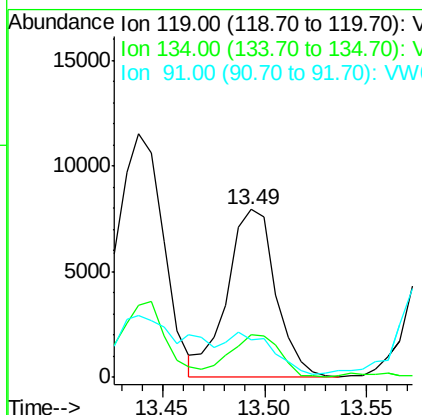
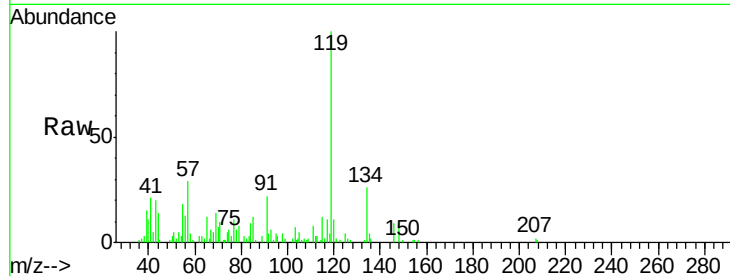




#86
 p-Isopropyltoluene
 Concen: 1.113 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW014746.D
 Acq: 24 Jan 2020 16:07

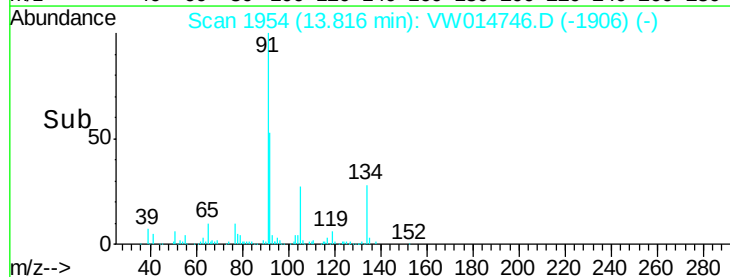
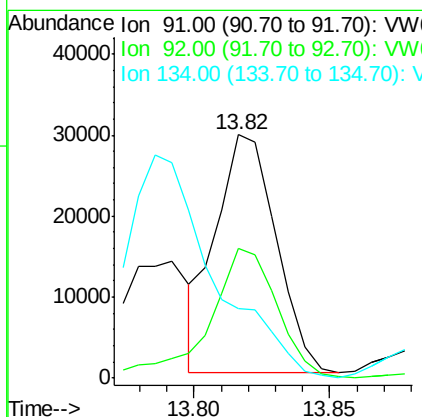
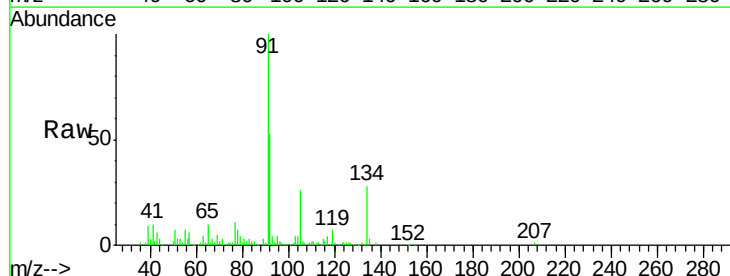
Instrument :
 MSVOA_W
 ClientSampled :
 JC-03-012320-A

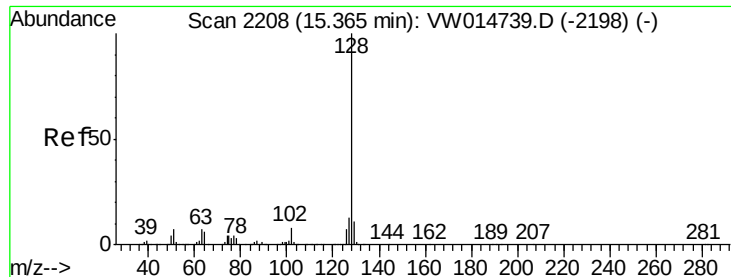
Tot Ion:119 Resp: 13137
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 38.9
 91 19.5 11.4 34.2



#89
 n-Butylbenzene
 Concen: 4.007 ug/l
 RT: 13.82 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: VW014746.D
 Acq: 24 Jan 2020 16:07

Tgt Ion: 91 Resp: 45133
 Ion Ratio Lower Upper
 91 100
 92 60.3 27.5 82.4
 134 0.0 13.1 39.1#





#95
Naphthalene
Concen: 13.285 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014746.D
Acq: 24 Jan 2020 16:07

Instrument :
MSVOA_W
ClientSampleId :
JC-03-012320-A

Tot Ion:128 Resp: 74558
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 7.6 8.8 13.2#

