

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
 Data File : VW015183.D
 Acq On : 10 Apr 2020 17:00
 Operator : SY/VA
 Sample : L2176-08
 Misc : 5.39G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2J4

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 4:02:47 PM

Quant Time: Apr 11 07:20:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 13:10:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1256538	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1043295	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	419690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	327382	27.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.20%
7) Chloroethane-d5	2.89	69	215725	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.04%
10) 1,1-Dichloroethene-d2	4.01	63	537269	17.07	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.28%
20) 2-Butanone-d5	7.07	46	142707	35.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.22%
24) Chloroform-d	7.65	84	638887	21.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.24%
26) 1,2-Dichloroethane-d4	8.31	65	298319m	20.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.32%
29) Benzene-d6	8.27	84	1428983	24.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.00%
33) 1,2-Dichloropropane-d6	9.27	67	418672	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.84%
37) Toluene-d8	10.32	98	1333803	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.60%
38) trans-1,3-Dichloropropene-	10.58	79	169719	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.36%
39) 2-Hexanone-d5	10.92	63	123364	38.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	257428	19.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	339663	22.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.32%

Target Compounds

					Ovalue
13) Acetone	4.13	43	30029	11.655	ug/L 73
36) Methylcyclohexane	9.33	83	99247	3.189	ug/L # 83
44) Toluene	10.39	91	26901	0.393	ug/L 92
53) Ethylbenzene	11.73	91	97209	1.264	ug/L 100
54) m,p-Xylene	11.83	106	3433598	116.440	ug/L 97
55) o-xylene	12.16	106	949037	33.673	ug/L 100
57) Isopropylbenzene	12.46	105	280309	3.684	ug/L # 96
68) 1,2,4-trichlorobenzene	15.13	180	11955	0.784	ug/L # 51

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

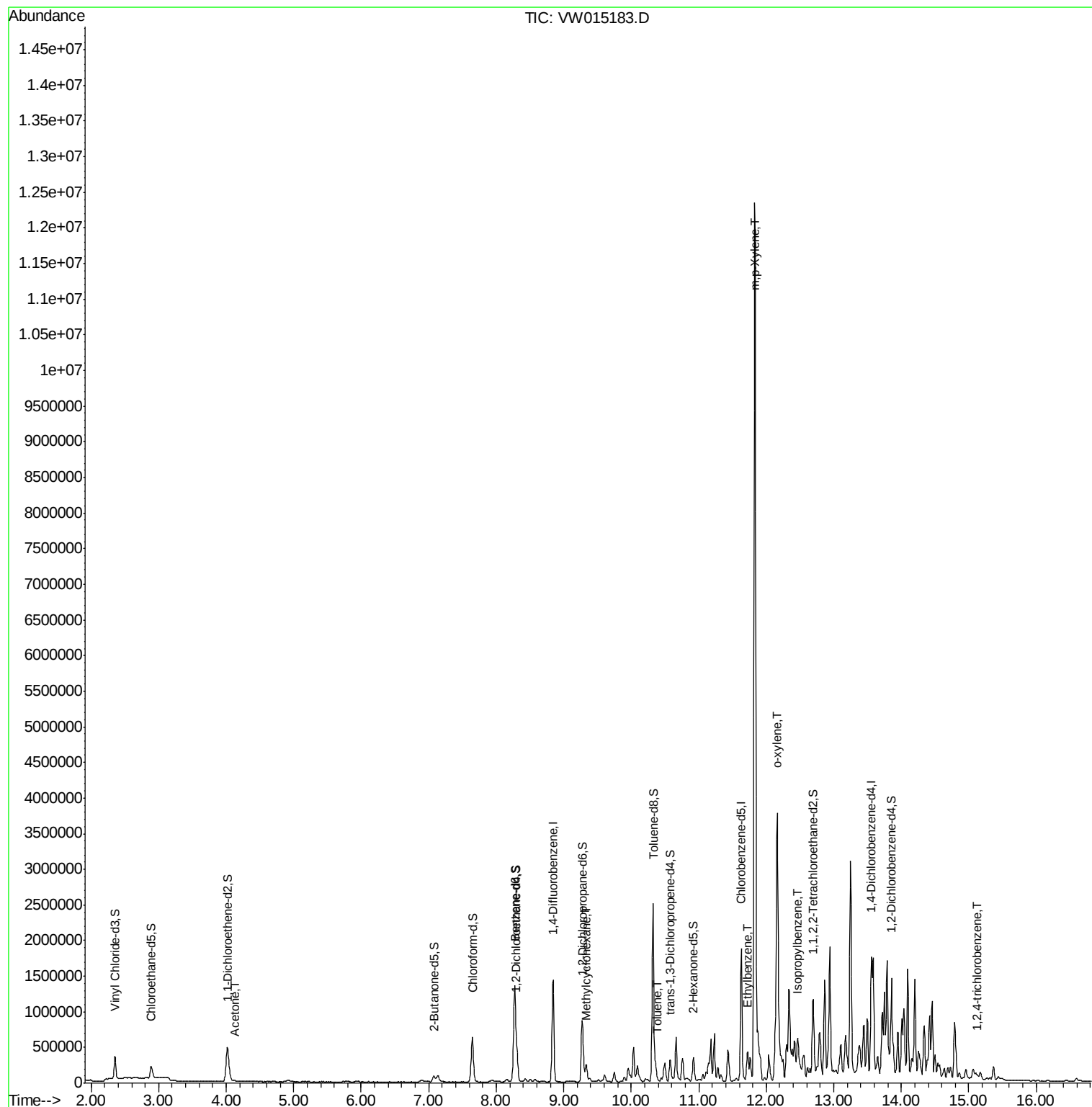
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
Data File : VW015183.D
Acq On : 10 Apr 2020 17:00
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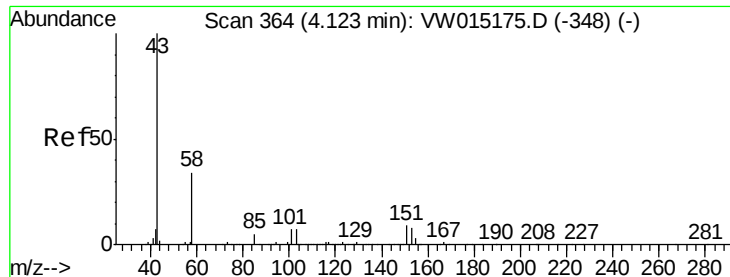
Instrument :
MSVOA_W
ClientSampleId :
BG2J4

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4/14/2020 4:02:47 PM

Quant Time: Apr 11 07:20:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 10 13:10:27 2020
Response via : Initial Calibration





#13

Acetone

Concen: 11.655 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015183.D

Acq: 10 Apr 2020 17:00

Instrument :

MSVOA_W

ClientSampleId :

BG2J4

Tot Ion: 43 Resp: 30029

Ion Ratio Lower Upper

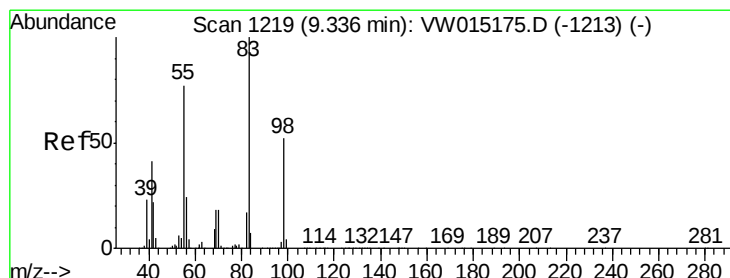
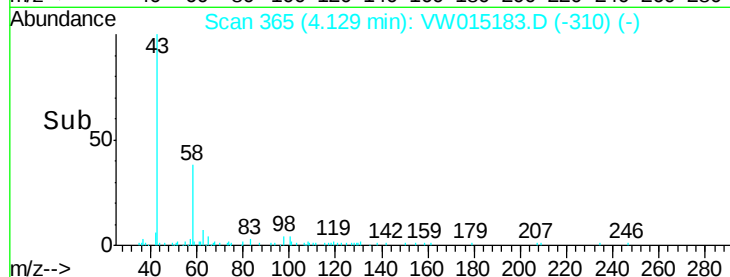
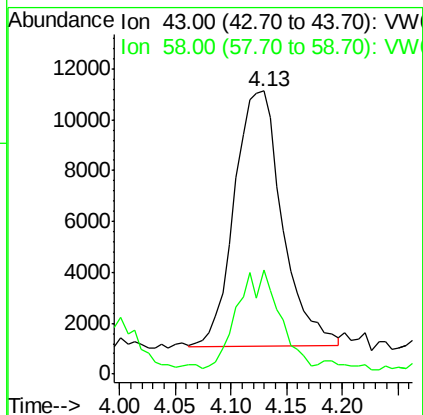
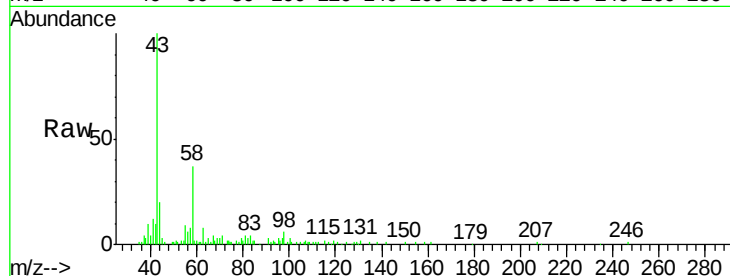
43 100

58 17.5 0.0 64.6

Manual Integrations
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#36

Methylcyclohexane

Concen: 3.189 ug/L

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW015183.D

Acq: 10 Apr 2020 17:00

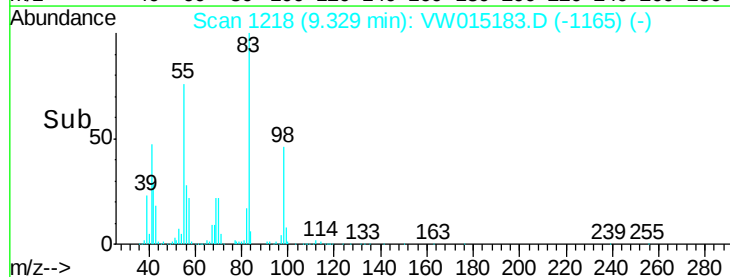
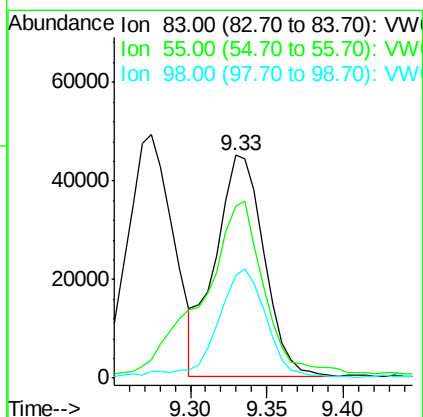
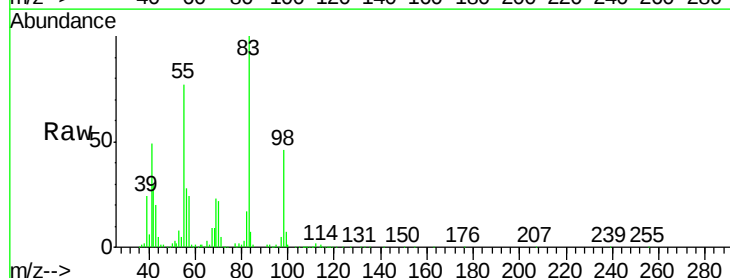
Tgt Ion: 83 Resp: 99247

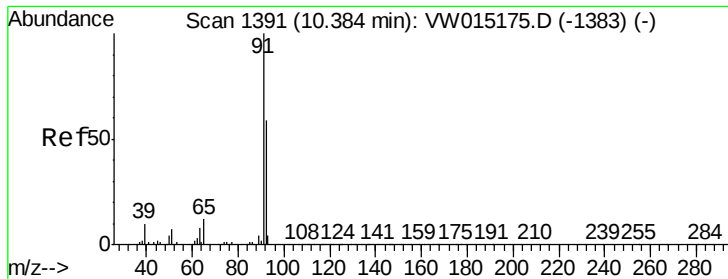
Ion Ratio Lower Upper

83 100

55 98.1 60.6 91.0#

98 47.0 39.4 59.0





#44

Toluene

Concen: 0.393 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW015183.D

Acq: 10 Apr 2020 17:00

Instrument :

MSVOA_W

ClientSampleId :

BG2J4

Tot Ion: 91 Resp: 26901

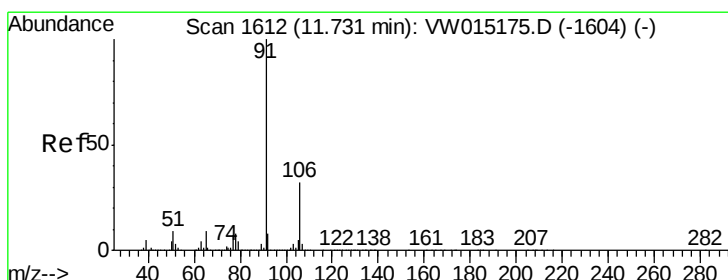
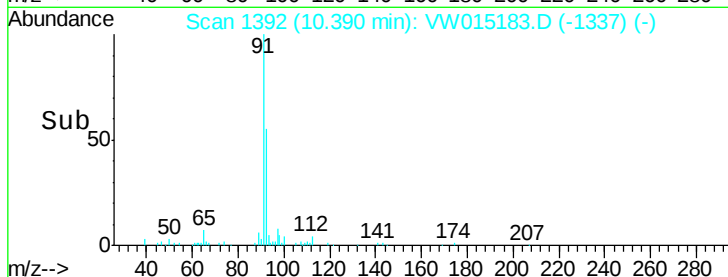
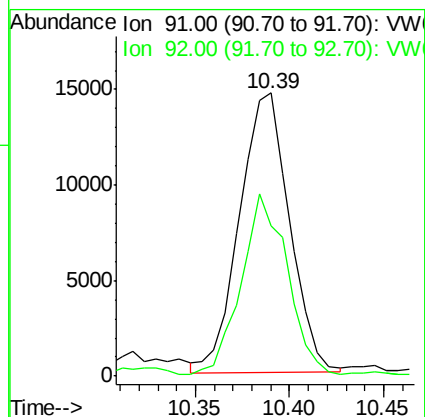
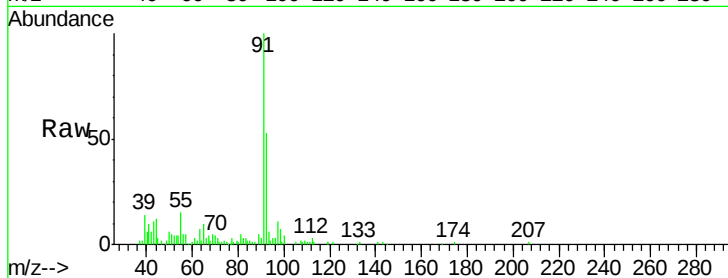
Ion Ratio Lower Upper

91 100

92 53.1 41.6 77.2

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#53

Ethylbenzene

Concen: 1.264 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015183.D

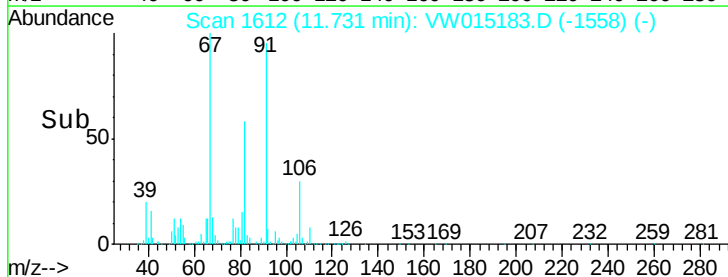
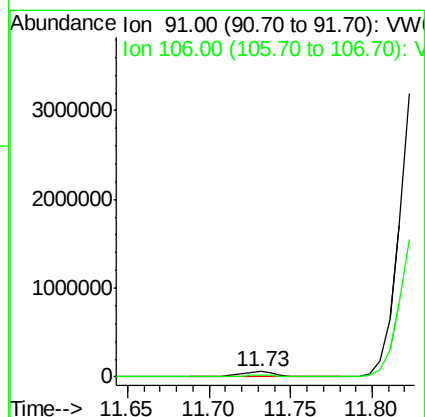
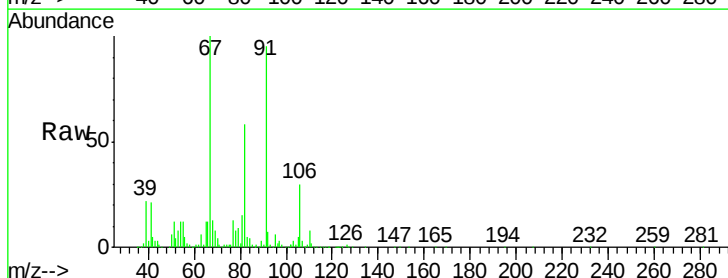
Acq: 10 Apr 2020 17:00

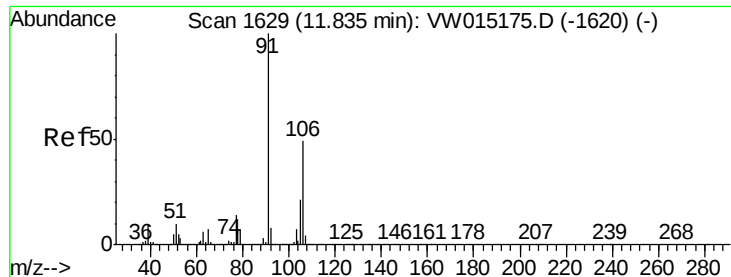
Tgt Ion: 91 Resp: 97209

Ion Ratio Lower Upper

91 100

106 31.9 22.5 41.7





#54

m,p-Xylene

Concen: 116.440 ug/L

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW015183.D

Acq: 10 Apr 2020 17:00

Instrument :

MSVOA_W

ClientSampleId :

BG2J4

Tot Ion:106 Resp: 3433598

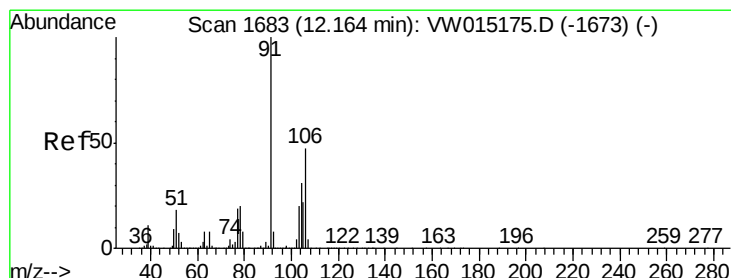
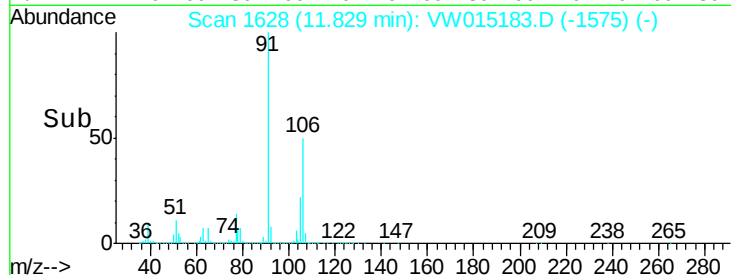
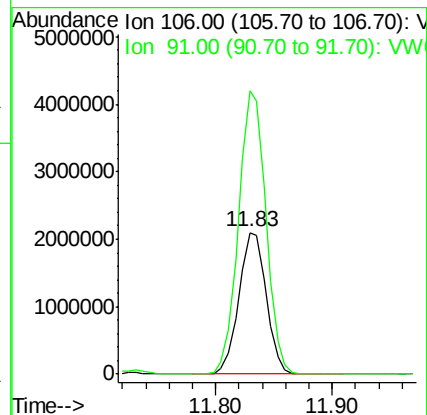
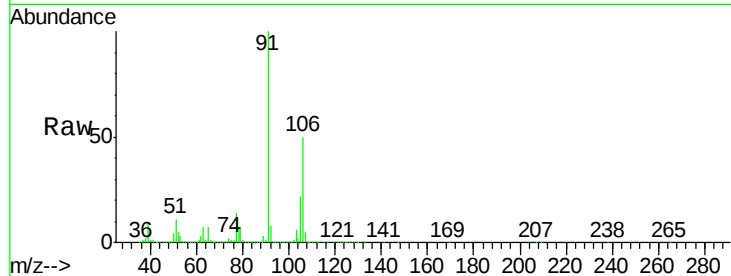
Ion Ratio Lower Upper

106 100

91 199.9 142.7 264.9

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#55

o-xylene

Concen: 33.673 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW015183.D

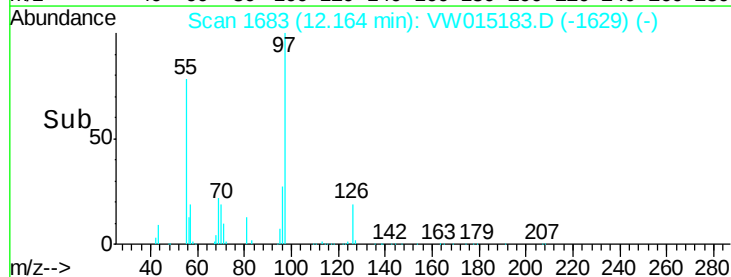
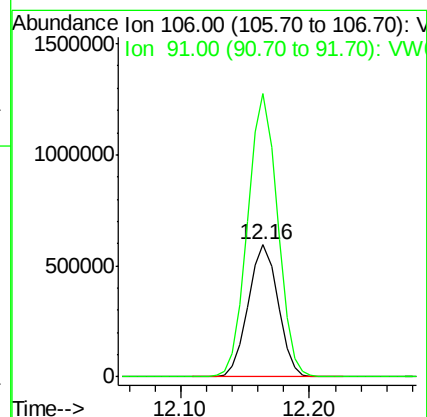
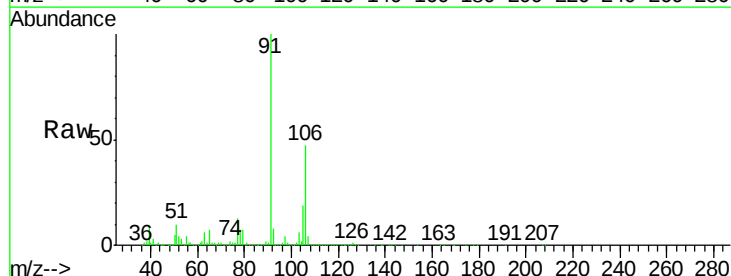
Acq: 10 Apr 2020 17:00

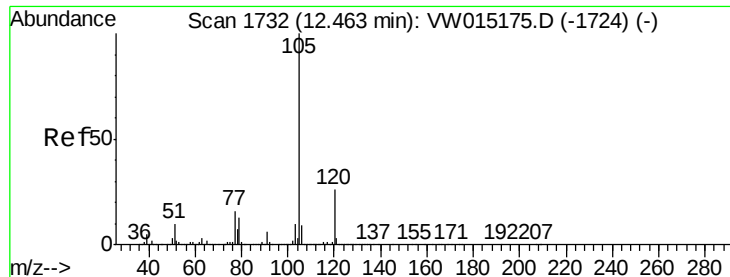
Tgt Ion:106 Resp: 949037

Ion Ratio Lower Upper

106 100

91 214.3 150.1 278.7





#57

Isopropylbenzene

Concen: 3.684 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015183.D

Acq: 10 Apr 2020 17:00

Instrument :

MSVOA_W

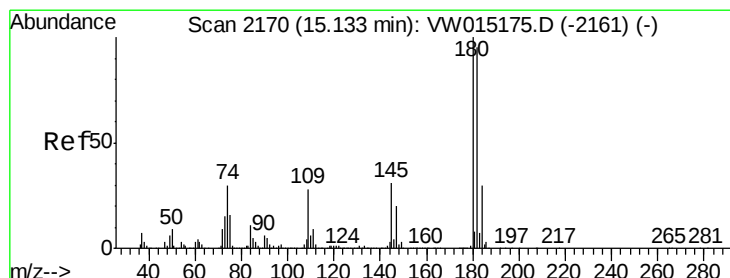
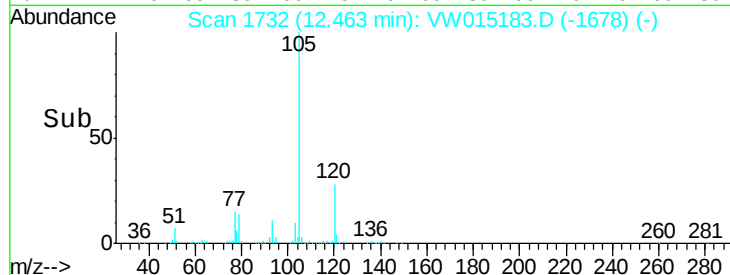
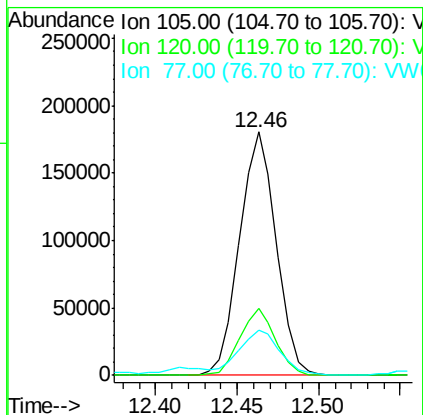
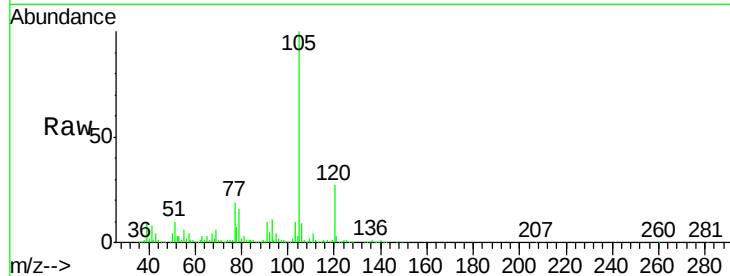
ClientSampleId :

BG2J4

Tot Ion:	105	Resp:	280309
Ion Ratio		Lower	Upper
105	100		
120	26.7	21.4	32.2
77	20.4	12.8	19.2#

Manual Integrations
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#68

1,2,4-trichlorobenzene

Concen: 0.784 ug/L

RT: 15.13 min Scan# 2169

Delta R.T. -0.01 min

Lab File: VW015183.D

Acq: 10 Apr 2020 17:00

Tgt Ion:	180	Resp:	11955
Ion Ratio		Lower	Upper
180	100		
182	88.6	77.7	116.5
145	127.2	25.9	38.9#

