

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040820\
 Data File : VW015168.D
 Acq On : 08 Apr 2020 14:00
 Operator : SY/VA
 Sample : L2176-07
 Misc : 5.64G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2J3

Manual Integrations
 APPROVED

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 4/10/2020 3:01:49 PM

Quant Time: Apr 10 11:39:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 09 01:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	679410	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	571136	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	257141m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	222765	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
7) Chloroethane-d5	2.90	69	211732	21.88	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
10) 1,1-Dichloroethene-d2	4.02	63	322818	13.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.76%
20) 2-Butanone-d5	7.08	46	101007	37.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.64%
24) Chloroform-d	7.65	84	402042	19.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	8.31	65	231108	19.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.64%
29) Benzene-d6	8.27	84	814366	22.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.12%
33) 1,2-Dichloropropane-d6	9.27	67	271813	22.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.52%
37) Toluene-d8	10.32	98	788363	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.20%
38) trans-1,3-Dichloropropene-	10.58	79	93453	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.44%
39) 2-Hexanone-d5	10.93	63	82038	45.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	169788	20.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	173659	19.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	39916	16.746	ug/L	97
30) Cyclohexane	7.95	56	105212	5.646	ug/L	91
34) Benzene	8.32	78	334847	7.925	ug/L	100
36) Methylcyclohexane	9.34	83	842298	47.667	ug/L	93
44) Toluene	10.38	91	20722	0.496	ug/L	93
53) Ethylbenzene	11.73	91	361047	8.001	ug/L	97
54) m,p-Xylene	11.83	106	26627570m	1683.086	ug/L	
55) o-xylene	12.16	106	224574	15.141	ug/L	97
57) Isopropylbenzene	12.46	105	2981910	72.972	ug/L	98

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

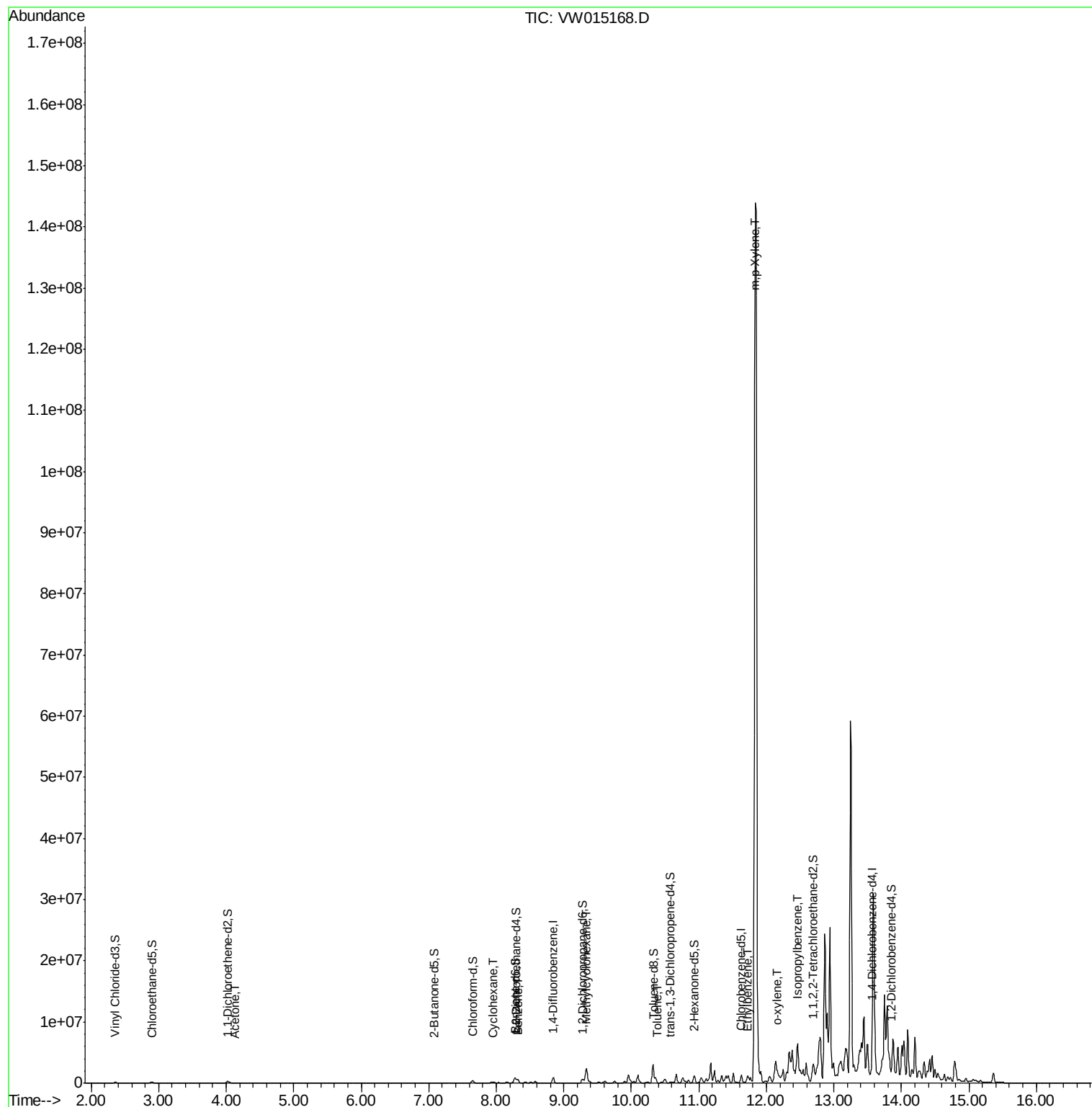
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015168.D
Acq On : 08 Apr 2020 14:00
Operator : SY/VA
Sample : L2176-07
Misc : 5.64G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

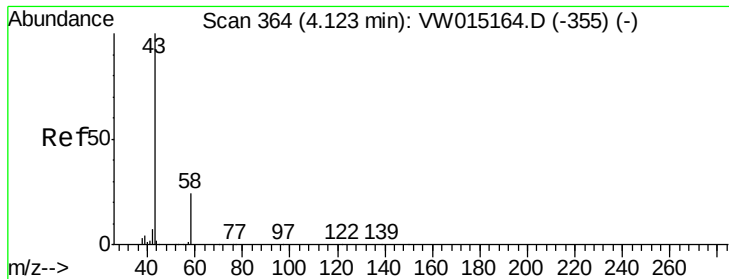
Instrument :
MSVOA_W
ClientSampleId :
BG2J3

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Quant Time: Apr 10 11:39:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 09 01:17:46 2020
Response via : Initial Calibration





#13

Acetone

Concen: 16.746 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015168.D

Acq: 08 Apr 2020 14:00

Instrument :

MSVOA_W

ClientSampleId :

BG2J3

Tot Ion: 43 Resp: 39916

Ion Ratio Lower Upper

43 100

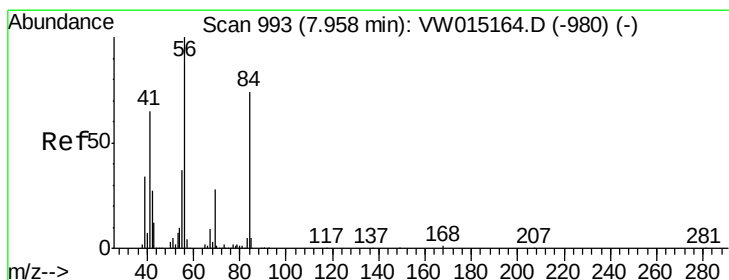
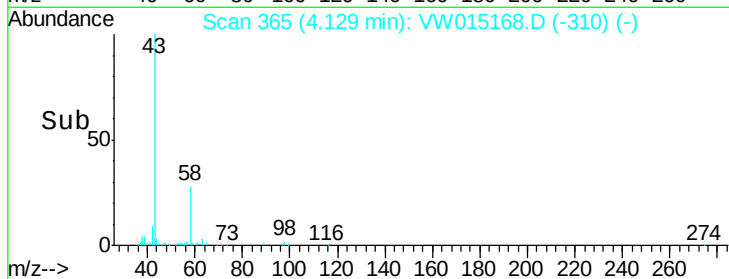
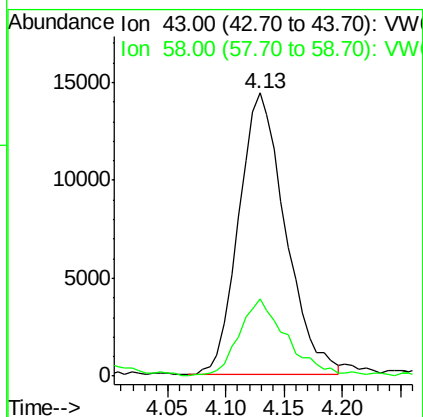
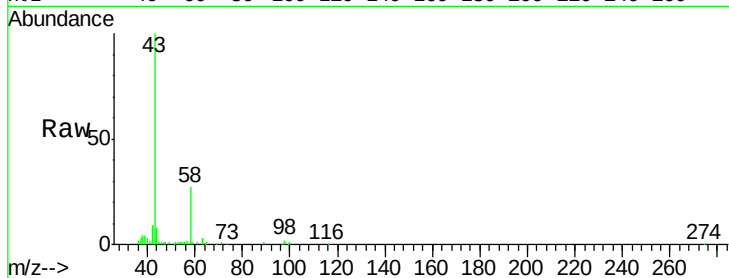
58 25.6 0.0 54.4

Manual Integrations

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#30

Cyclohexane

Concen: 5.646 ug/L

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015168.D

Acq: 08 Apr 2020 14:00

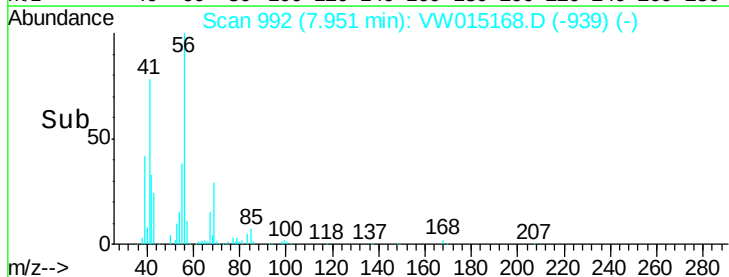
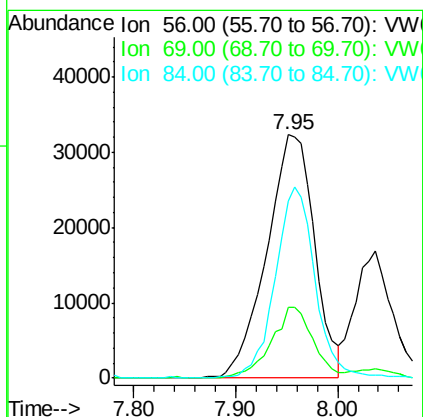
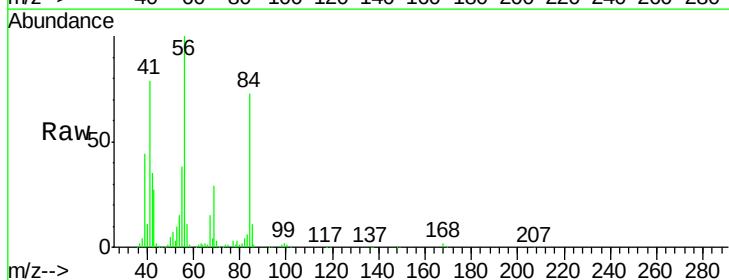
Tgt Ion: 56 Resp: 105212

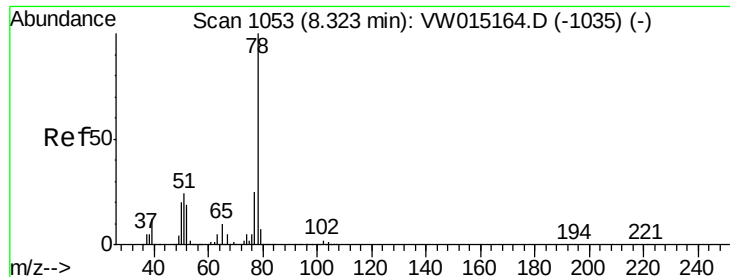
Ion Ratio Lower Upper

56 100

69 24.6 22.0 33.0

84 65.5 58.9 88.3





#34

Benzene

Concen: 7.925 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW015168.D

Acq: 08 Apr 2020 14:00

Instrument :

MSVOA_W

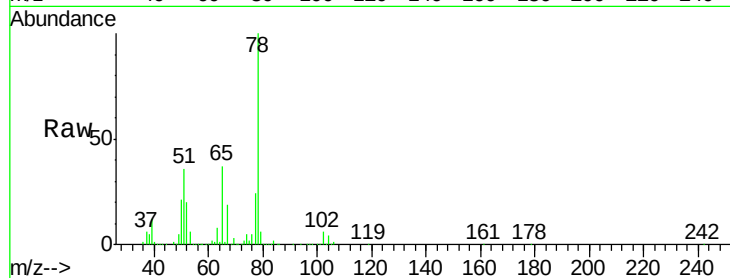
ClientSampleId :

BG2J3

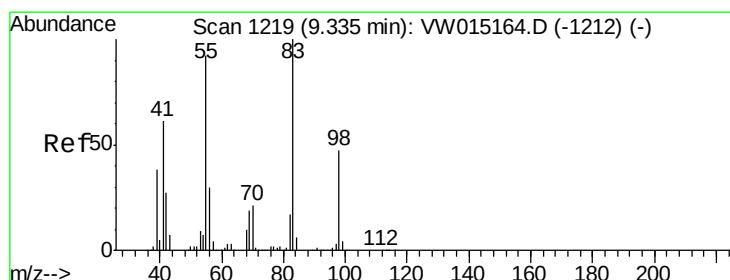
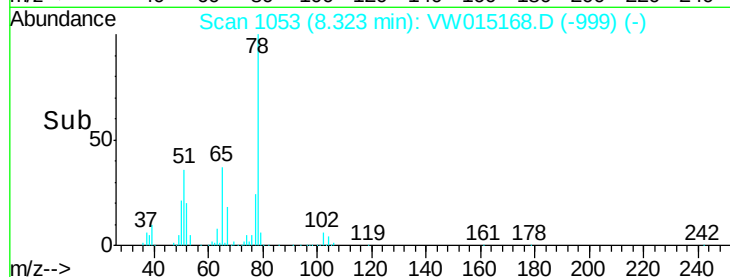
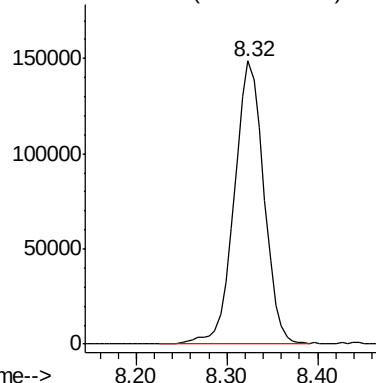
Tgt Ion: 78 Resp: 334847

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Abundance Ion 78.00 (77.70 to 78.70): VW



#36

Methylcyclohexane

Concen: 47.667 ug/L

RT: 9.34 min Scan# 1219

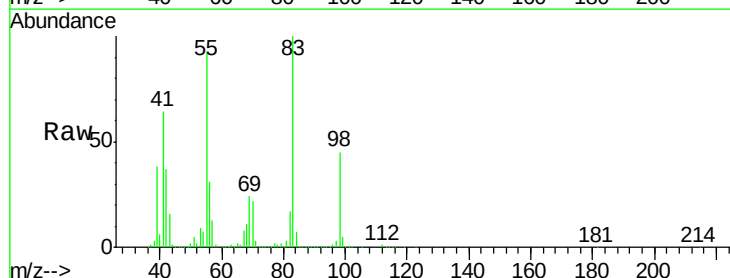
Delta R.T. -0.00 min

Lab File: VW015168.D

Acq: 08 Apr 2020 14:00

Tgt Ion: 83 Resp: 842298

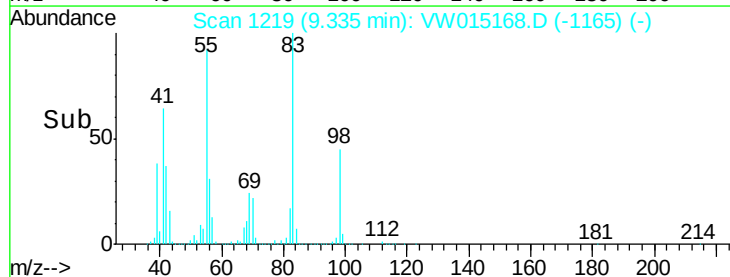
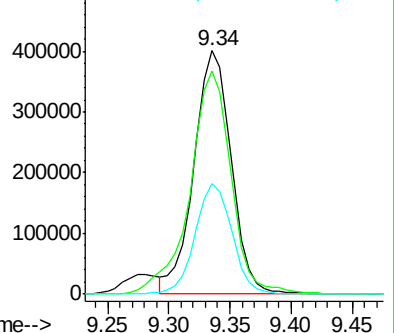
Ion	Ratio	Lower	Upper
83	100		
55	101.8	73.4	110.2
98	45.2	36.6	55.0

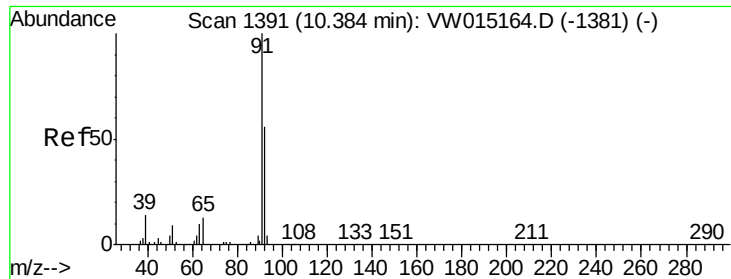


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#44

Toluene

Concen: 0.496 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW015168.D

Acq: 08 Apr 2020 14:00

Instrument :

MSVOA_W

ClientSampled :

BG2J3

Tot Ion: 91 Resp: 20722

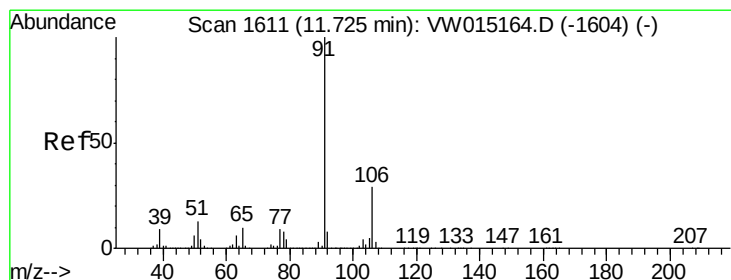
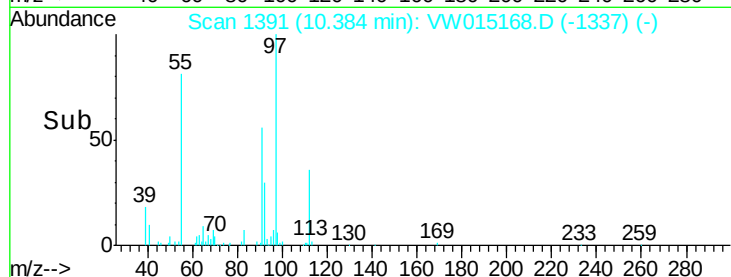
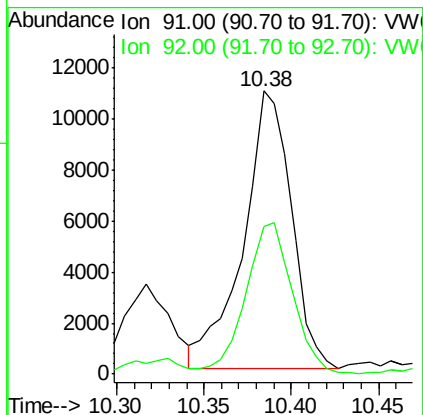
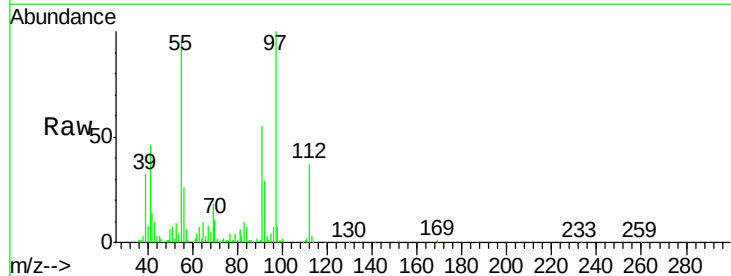
Ion Ratio Lower Upper

91 100

92 52.1 40.2 74.6

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#53

Ethylbenzene

Concen: 8.001 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015168.D

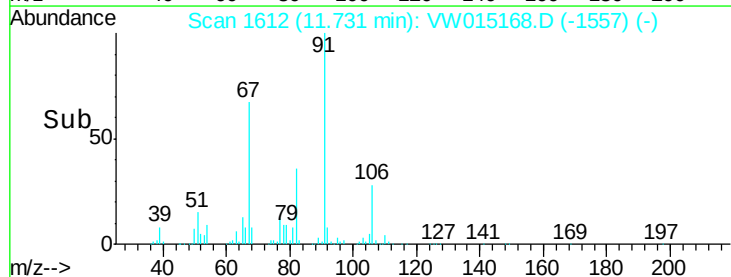
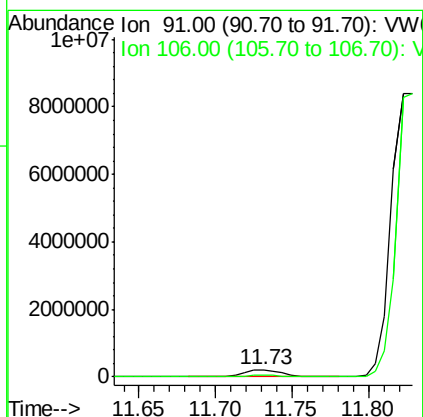
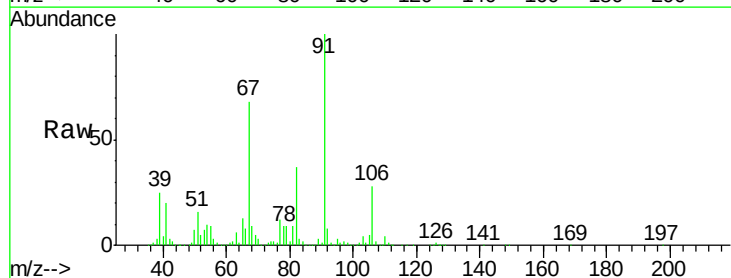
Acq: 08 Apr 2020 14:00

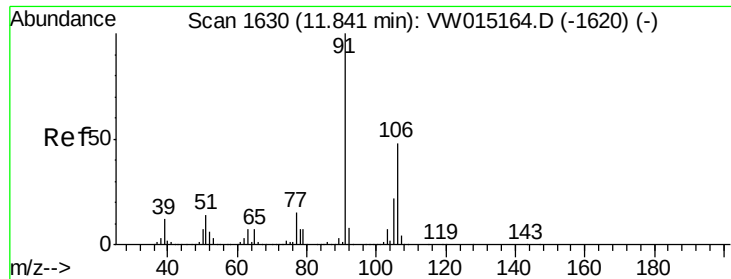
Tgt Ion: 91 Resp: 361047

Ion Ratio Lower Upper

91 100

106 27.5 20.6 38.2





#54

m,p-Xylene

Concen: 1683.086 ug/L m

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW015168.D

Acq: 08 Apr 2020 14:00

Instrument :

MSVOA_W

ClientSampled :

BG2J3

Tot Ion:106 Resp:26627570

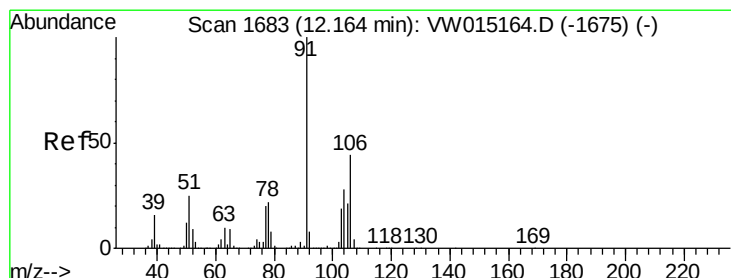
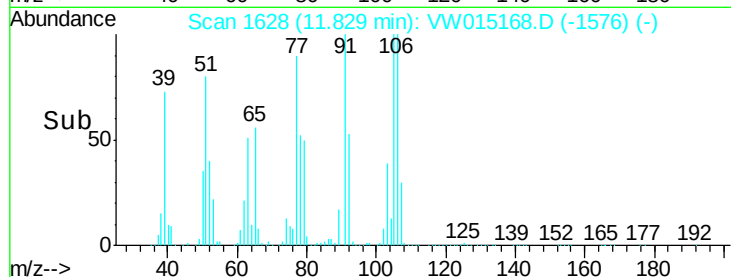
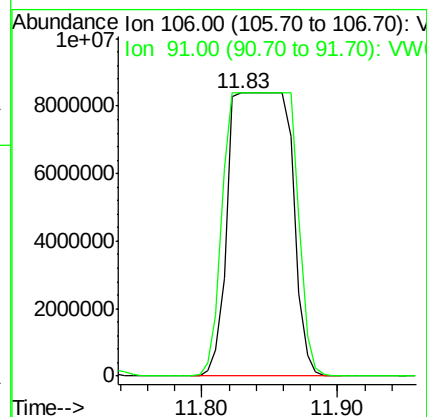
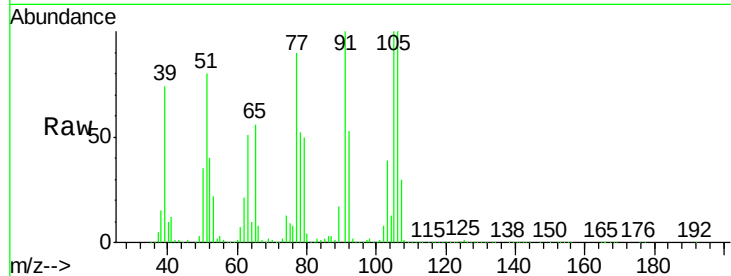
Ion Ratio Lower Upper

106 100

91 100.0 147.3 273.6#

Manual Integrations
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#55

o-xylene

Concen: 15.141 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW015168.D

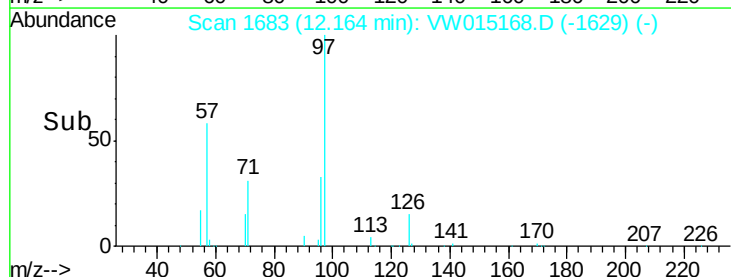
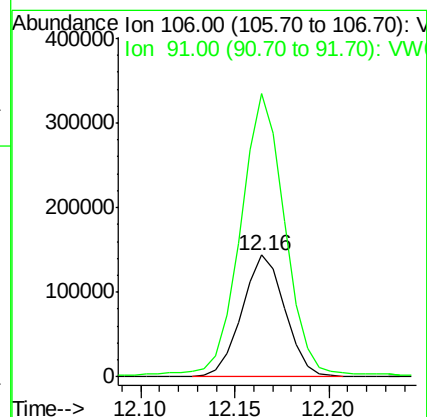
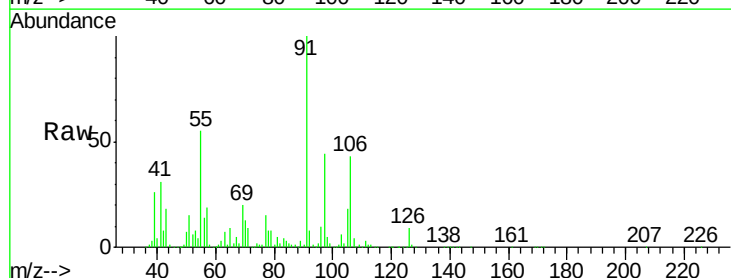
Acq: 08 Apr 2020 14:00

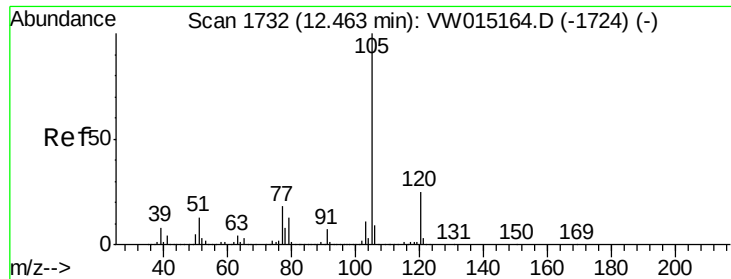
Tgt Ion:106 Resp: 224574

Ion Ratio Lower Upper

106 100

91 231.9 158.6 294.6





#57

Isopropylbenzene

Concen: 72.972 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015168.D

Acq: 08 Apr 2020 14:00

Instrument :

MSVOA_W

ClientSampleId :

BG2J3

Tot Ion:105 Resp: 2981910

Ion Ratio Lower Upper

105 100

120 25.0 20.0 30.0

77 19.9 14.5 21.7

Manual Integrations

APPROVED

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4/10/2020 3:01:49 PM

