

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017236.D
 Acq On : 15 Nov 2020 14:29
 Operator : SY/VA
 Sample : L4727-08
 Misc : 4.50G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

MMDadoda
 11/17/2020 6:52:34 PM

Quant Time: Nov 16 10:36:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 09:47:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	356019	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	262791	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	74868	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88039	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.52%
7) Chloroethane-d5	2.90	69	79438	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.96%
10) 1,1-Dichloroethene-d2	4.02	63	128160	15.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.92%
20) 2-Butanone-d5	7.08	46	42036	41.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.84%
24) Chloroform-d	7.65	84	198866	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	8.31	65	106875	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.48%
29) Benzene-d6	8.27	84	364656	27.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.00%
33) 1,2-Dichloropropane-d6	9.27	67	104762	28.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.20%
37) Toluene-d8	10.33	98	300522	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.28%
38) trans-1,3-Dichloropropene-	10.58	79	42135	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.00%
39) 2-Hexanone-d5	10.93	63	34169	52.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69536	21.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	63224	23.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	2317m	3.451	ug/L	
16) Methylene chloride	4.92	84	8663	1.805	ug/L	88
44) Toluene	10.39	91	3703	0.244	ug/L	92
53) Ethylbenzene	11.74	91	5520	0.325	ug/L	98
54) m,p-Xylene	11.84	106	3807	0.574	ug/L	86
55) o-xylene	12.16	106	4704	0.747	ug/L	99
57) Isopropylbenzene	12.46	105	15352	0.898	ug/L #	94

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

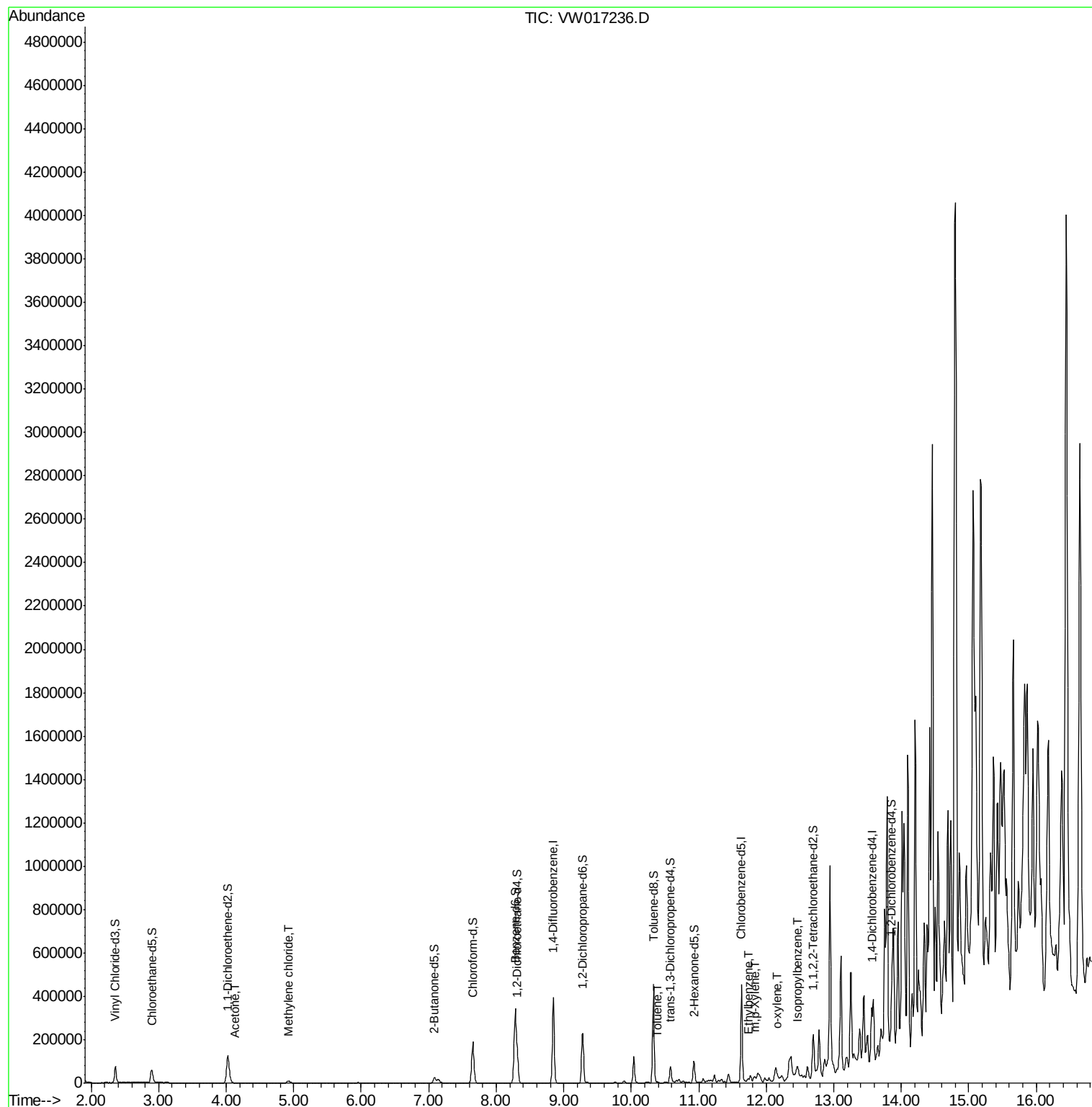
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111520\
Data File : VW017236.D
Acq On : 15 Nov 2020 14:29
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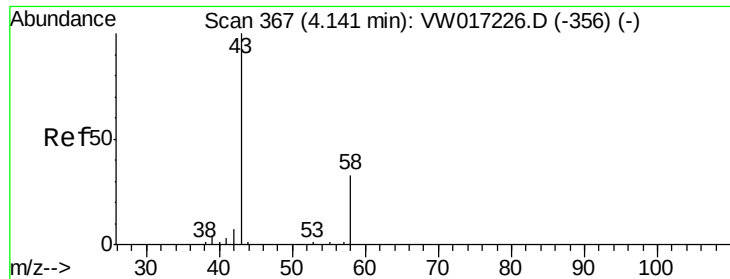
Instrument :
MSVOA_W
ClientSampleId :
C0AC2

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Quant Time: Nov 16 10:36:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 16 09:47:42 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.451 ug/L m

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW017236.D

Acq: 15 Nov 2020 14:29

Tot Ion: 43 Resp: 2317

Ion Ratio Lower Upper

43 100

58 20.1 0.0 69.2

Instrument :

MSVOA_W

ClientSampled :

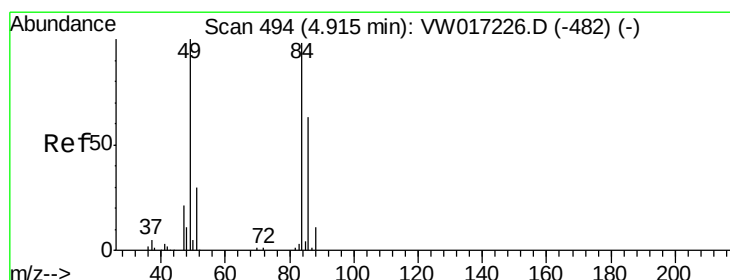
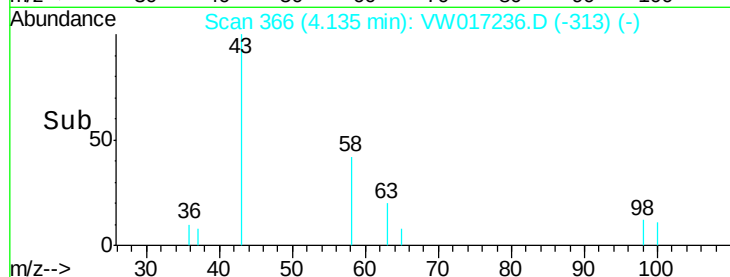
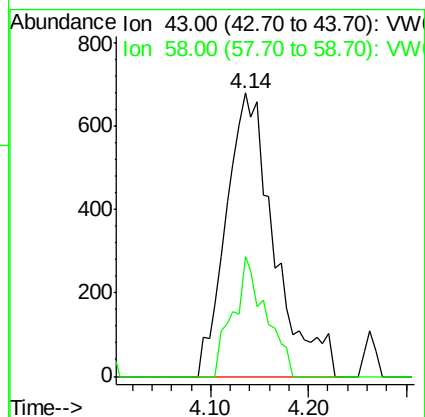
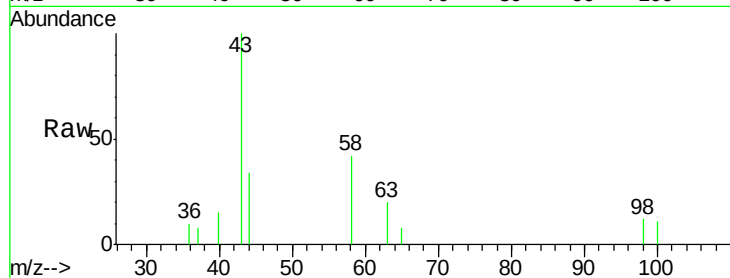
C0AC2

Manual Integrations

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#16

Methylene chloride

Concen: 1.805 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017236.D

Acq: 15 Nov 2020 14:29

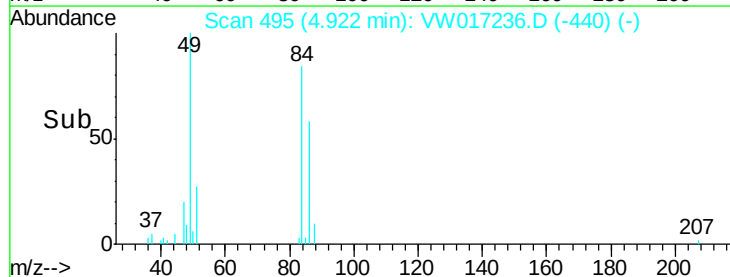
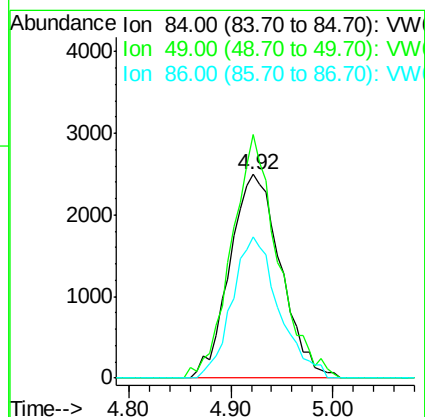
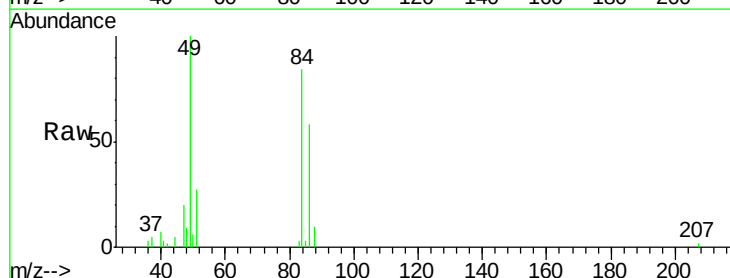
Tgt Ion: 84 Resp: 8663

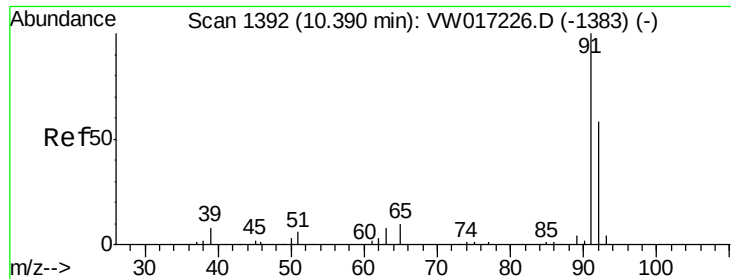
Ion Ratio Lower Upper

84 100

49 119.6 72.3 134.3

86 69.3 45.1 83.7





#44

Toluene

Concen: 0.244 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017236.D

Acq: 15 Nov 2020 14:29

Instrument :

MSVOA_W

ClientSampled :

C0AC2

Tot Ion: 91 Resp: 3703

Ion Ratio Lower Upper

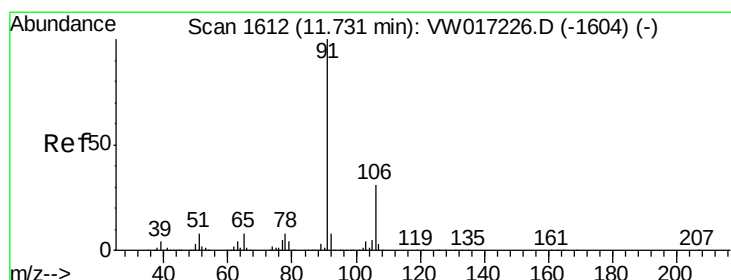
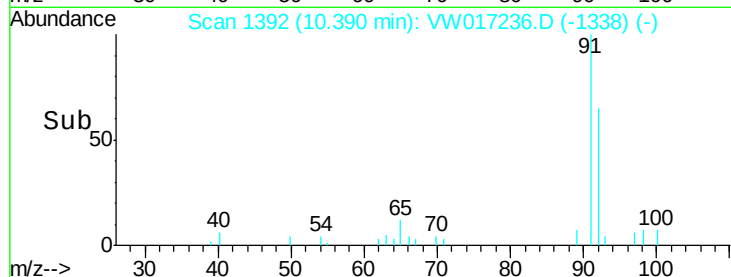
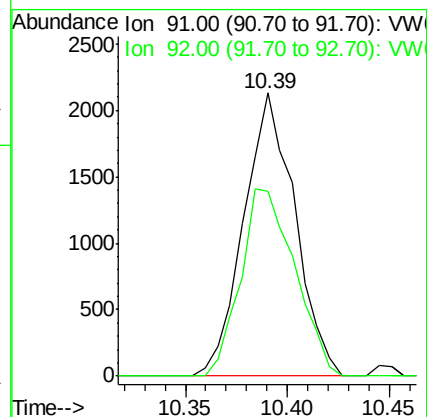
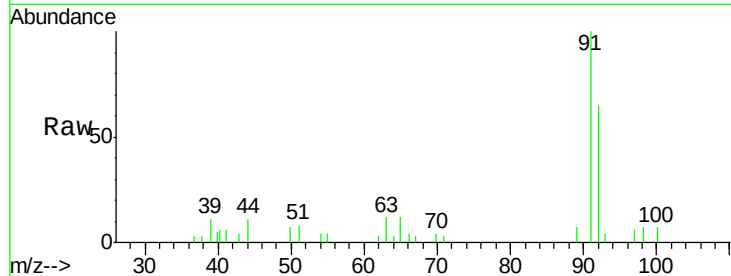
91 100

92 65.2 41.4 76.8

Manual Integrations
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#53

Ethylbenzene

Concen: 0.325 ug/L

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW017236.D

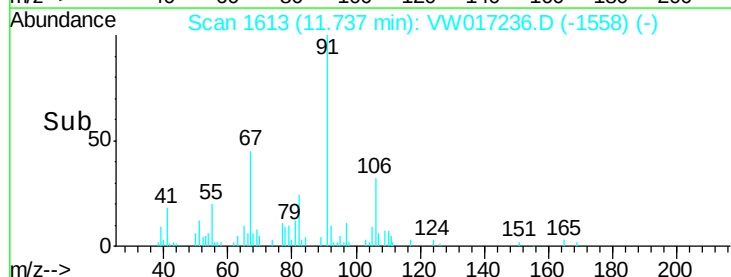
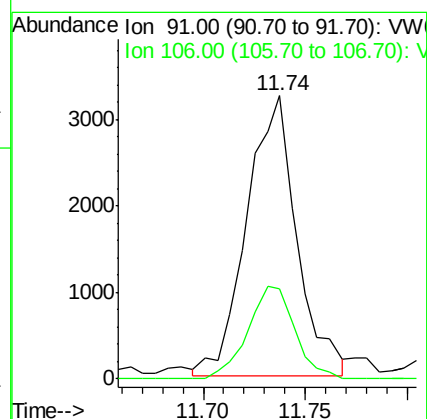
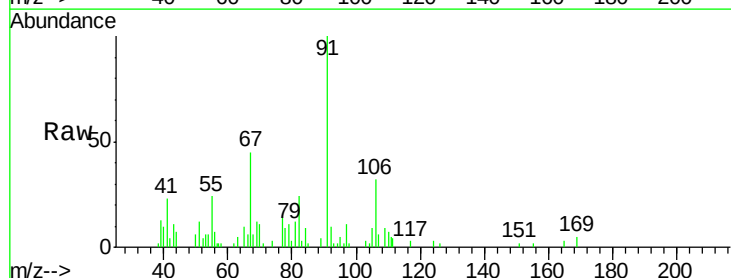
Acq: 15 Nov 2020 14:29

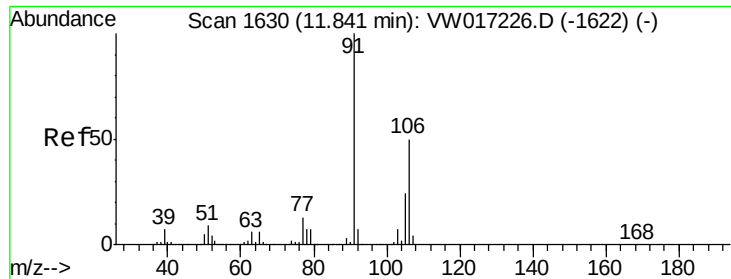
Tgt Ion: 91 Resp: 5520

Ion Ratio Lower Upper

91 100

106 31.8 22.9 42.5





#54

m,p-Xylene

Concen: 0.574 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW017236.D

Acq: 15 Nov 2020 14:29

Instrument :

MSVOA_W

ClientSampled :

C0AC2

Tot Ion:106 Resp: 3807

Ion Ratio Lower Upper

106 100

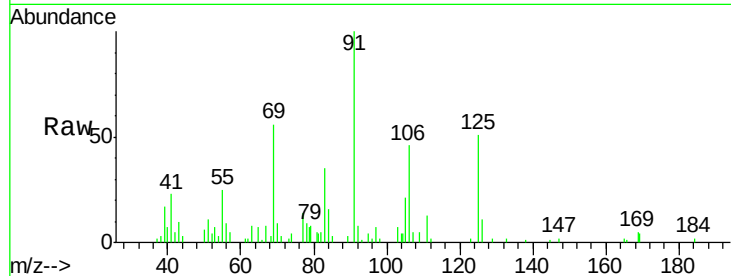
91 218.7 138.7 257.5

Manual Integrations

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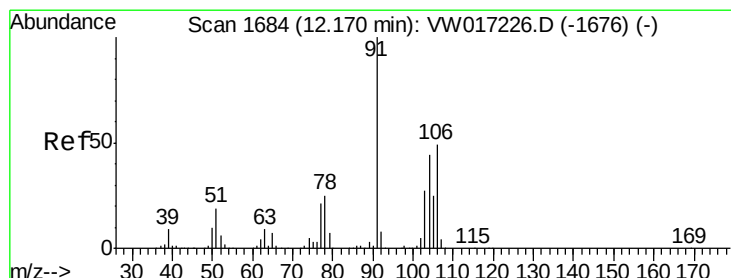
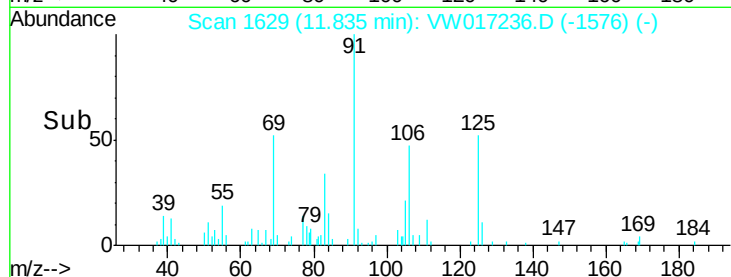
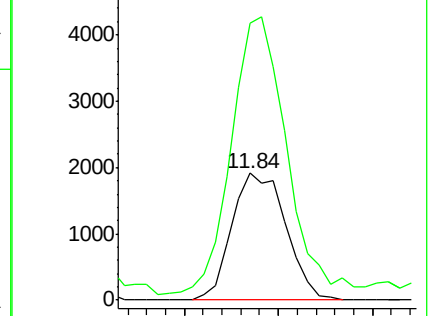
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.747 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW017236.D

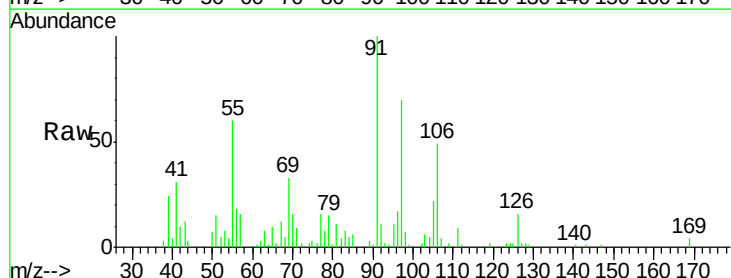
Acq: 15 Nov 2020 14:29

Tgt Ion:106 Resp: 4704

Ion Ratio Lower Upper

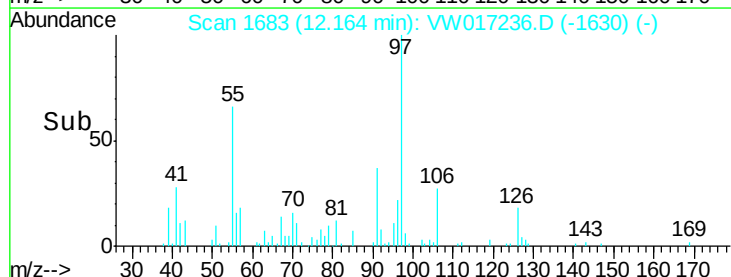
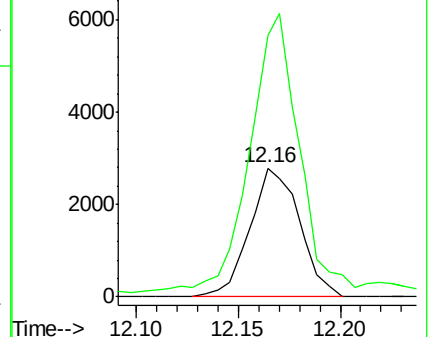
106 100

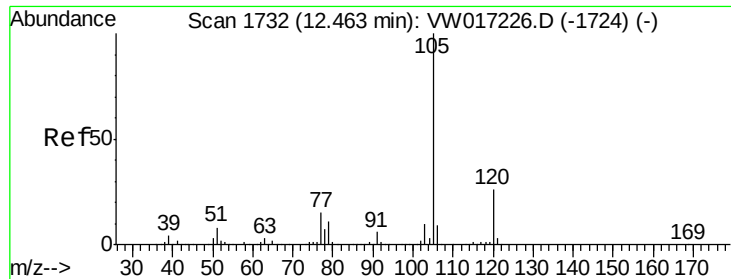
91 202.9 140.8 261.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#57

Isopropylbenzene

Concen: 0.898 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW017236.D

Acq: 15 Nov 2020 14:29

Instrument :

MSVOA_W

ClientSampleId :

C0AC2

Tot Ion:	105	Resp:	15352
Ion Ratio		Lower	Upper
105	100		
120	27.5	21.8	32.6
77	21.1	11.4	17.0#

Manual Integrations
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11/17/2020 6:52:34 PM

