

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040820\
 Data File : VW015166.D
 Acq On : 08 Apr 2020 13:08
 Operator : SY/VA
 Sample : L2176-06
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2J2

Quant Time: Apr 09 01:34:25 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	624137	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	588118	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	236974	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	235214	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.28%
7) Chloroethane-d5	2.90	69	208522	23.46	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
10) 1,1-Dichloroethene-d2	4.02	63	364064	16.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.20%
20) 2-Butanone-d5	7.07	46	120285	49.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.06%
24) Chloroform-d	7.65	84	454691	24.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	8.30	65	262987	24.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.40%
29) Benzene-d6	8.27	84	894306	23.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.04%
33) 1,2-Dichloropropane-d6	9.27	67	295756	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	767860	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	10.58	79	104663	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.48%
39) 2-Hexanone-d5	10.93	63	82507	44.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	185246	21.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	201854	24.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.92%

Target Compounds

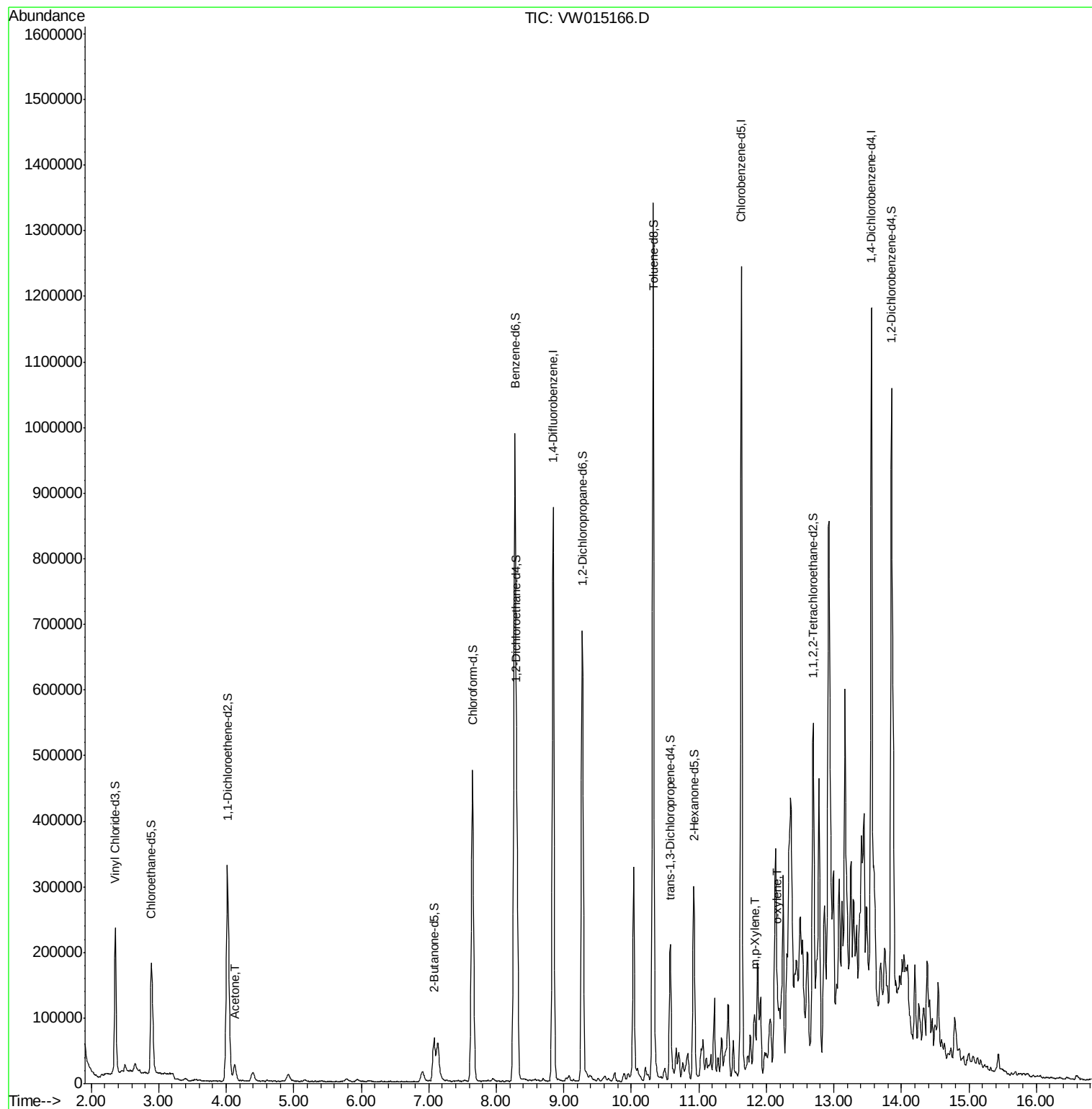
					Ovalue
13) Acetone	4.12	43	43514	19.872 ug/L	96
54) m,p-Xylene	11.83	106	13597	0.835 ug/L	92
55) o-xylene	12.16	106	9019	0.591 ug/L	86

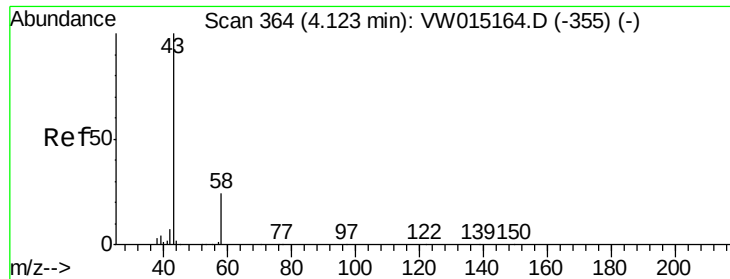
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 19.872 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW015166.D

Acq: 08 Apr 2020 13:08

Instrument :

MSVOA_W

ClientSampled :

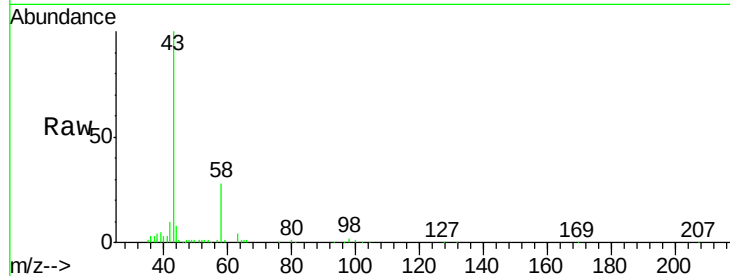
BG2J2

Tot Ion: 43 Resp: 43514

Ion Ratio Lower Upper

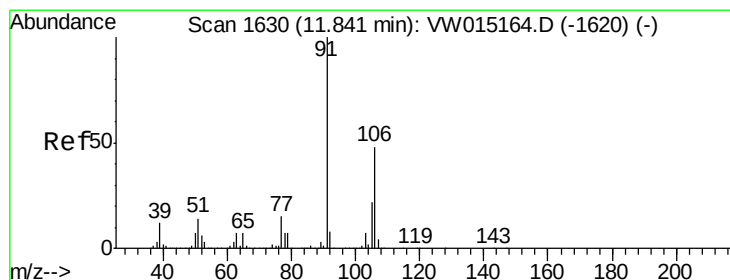
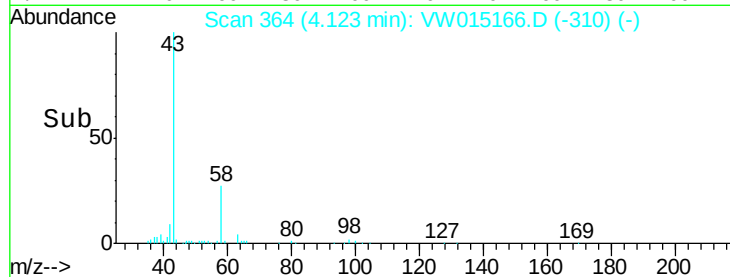
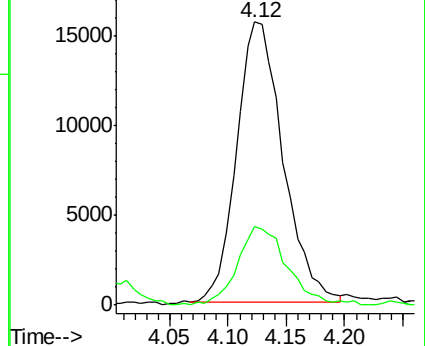
43 100

58 29.4 0.0 54.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#54

m,p-Xylene

Concen: 0.835 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015166.D

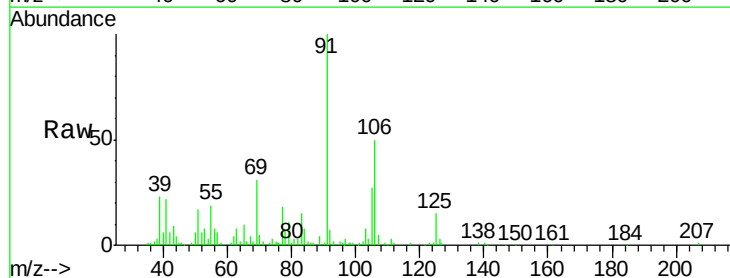
Acq: 08 Apr 2020 13:08

Tgt Ion: 106 Resp: 13597

Ion Ratio Lower Upper

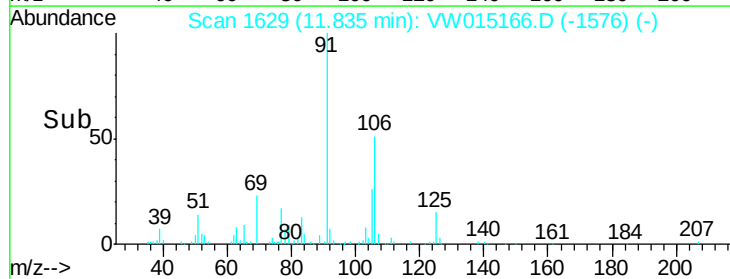
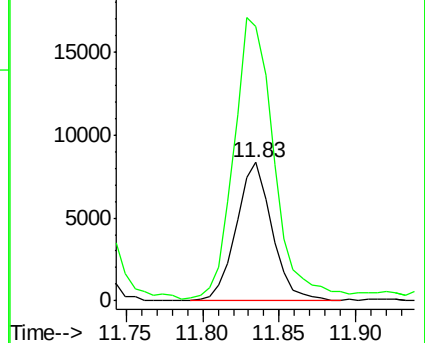
106 100

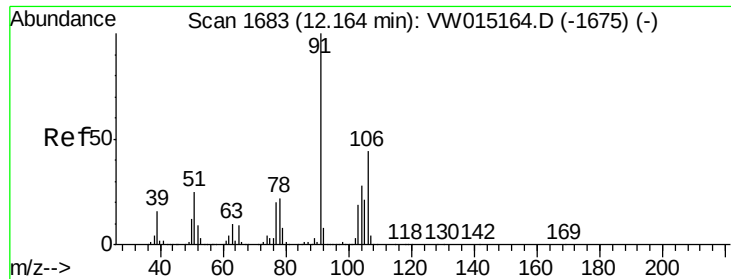
91 198.5 147.3 273.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#55
o-xylene
Concen: 0.591 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015166.D
Acq: 08 Apr 2020 13:08

Instrument :
MSVOA_W
ClientSampleId :
BG2J2

Tot Ion:106 Resp: 9019
Ion Ratio Lower Upper
106 100
91 248.8 158.6 294.6

