

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014648.D
 Acq On : 15 Jan 2020 12:32
 Operator : SY/VA
 Sample : L1109-17
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH6

Quant Time: Jan 16 03:22:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 03:00:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1037946	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	921372	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	440643	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	347212	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.92%
7) Chloroethane-d5	2.89	69	272749	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.20%
10) 1,1-Dichloroethene-d2	4.01	63	497308	18.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.32%
20) 2-Butanone-d5	7.07	46	167574	48.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.26%
24) Chloroform-d	7.64	84	616304	25.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.24%
26) 1,2-Dichloroethane-d4	8.30	65	325244	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.00%
29) Benzene-d6	8.27	84	1336898	27.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.16%
33) 1,2-Dichloropropane-d6	9.27	67	405536	27.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.12%
37) Toluene-d8	10.32	98	1182337	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.48%
38) trans-1,3-Dichloropropene-	10.57	79	156320	25.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.76%
39) 2-Hexanone-d5	10.92	63	130158	51.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	292018	26.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	399874	27.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.16%

Target Compounds

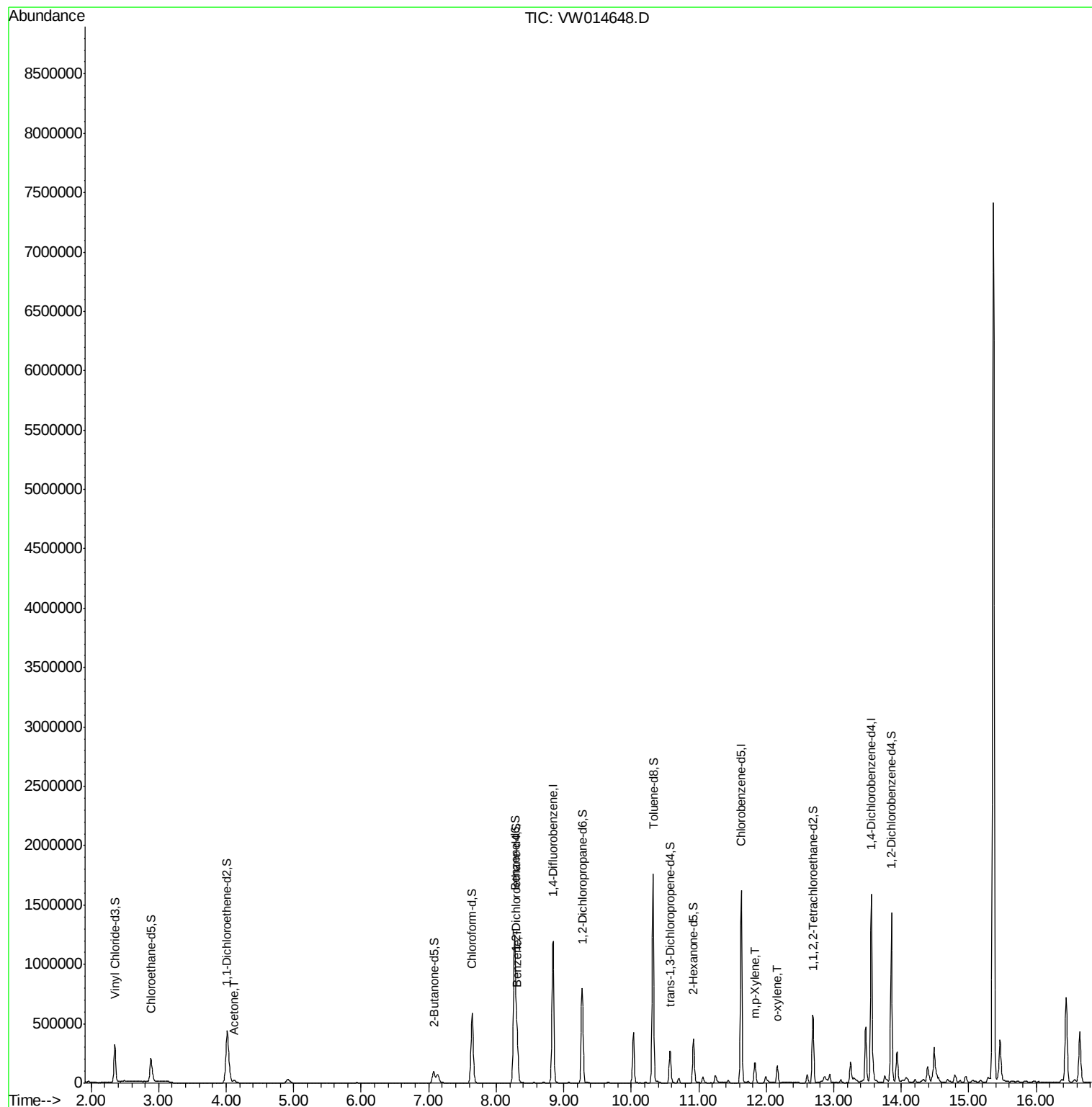
					Ovalue
13) Acetone	4.12	43	36752	7.624 ug/L	97
34) Benzene	8.32	78	72851	1.314 ug/L	100
54) m,p-Xylene	11.83	106	50883	2.111 ug/L	95
55) o-xylene	12.16	106	37948	1.666 ug/L	96

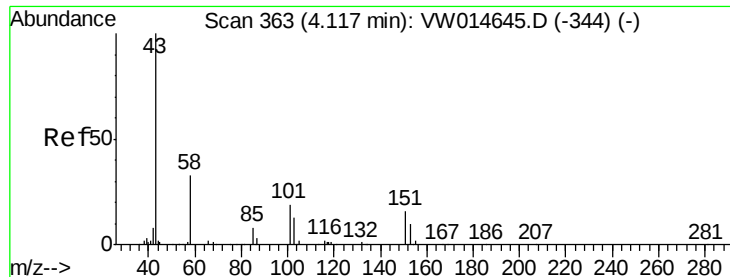
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014648.D
Acq On : 15 Jan 2020 12:32
Operator : SY/VA
Sample : L1109-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH6

Quant Time: Jan 16 03:22:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 03:00:29 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.624 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014648.D

Acq: 15 Jan 2020 12:32

Instrument :

MSVOA_W

ClientSampled :

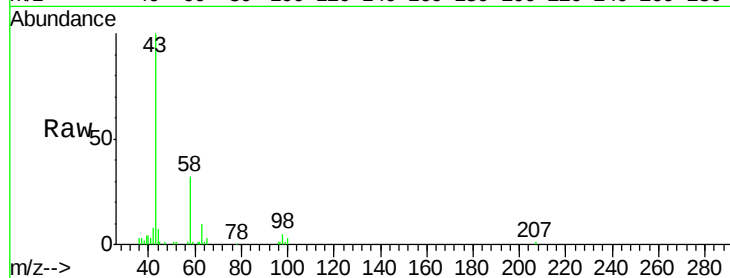
GASH6

Tot Ion: 43 Resp: 36752

Ion Ratio Lower Upper

43 100

58 33.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

15000

10000

5000

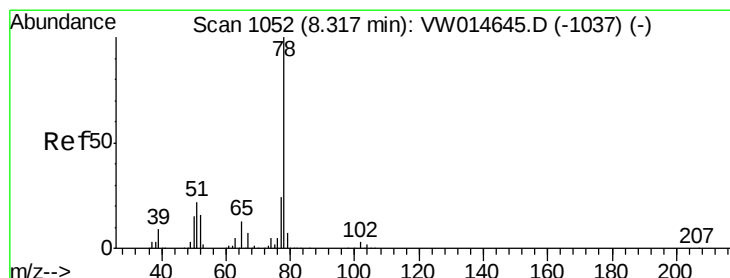
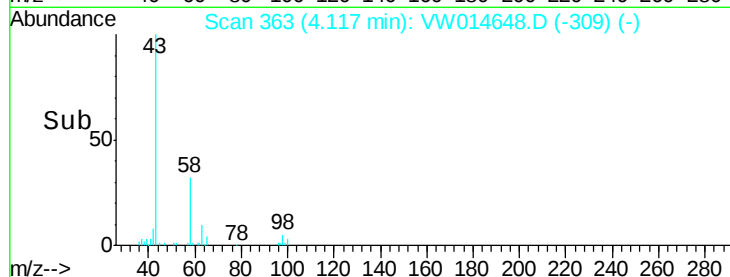
0

Time-->

4.00

4.10

4.20



#34

Benzene

Concen: 1.314 ug/L

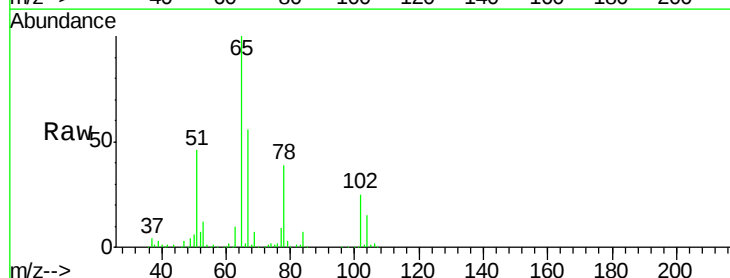
RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VW014648.D

Acq: 15 Jan 2020 12:32

Tgt Ion: 78 Resp: 72851



Abundance Ion 78.00 (77.70 to 78.70): VW

8.32

30000

20000

10000

0

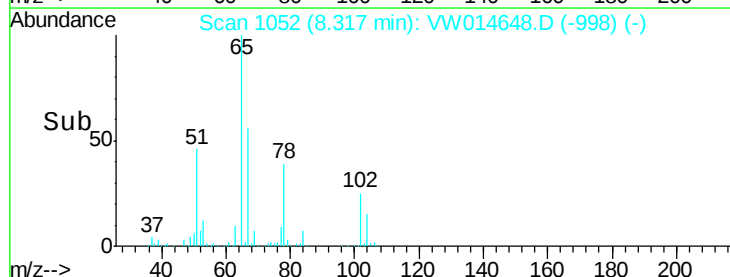
Time-->

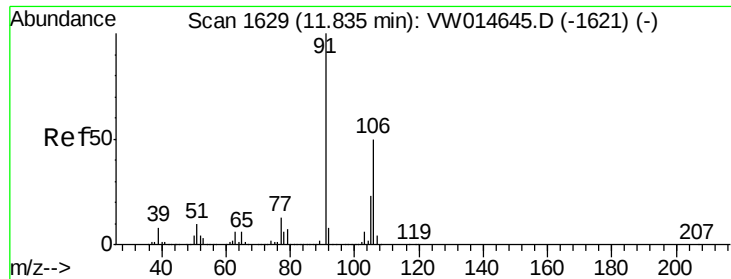
8.25

8.30

8.35

8.40





#54

m,p-Xylene

Concen: 2.111 ug/L

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW014648.D

Acq: 15 Jan 2020 12:32

Instrument :

MSVOA_W

ClientSampleId :

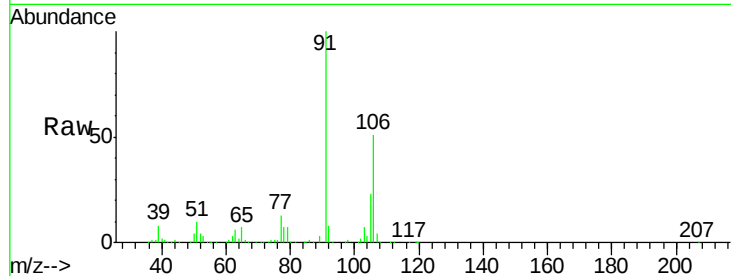
GASH6

Tot Ion:106 Resp: 50883

Ion Ratio Lower Upper

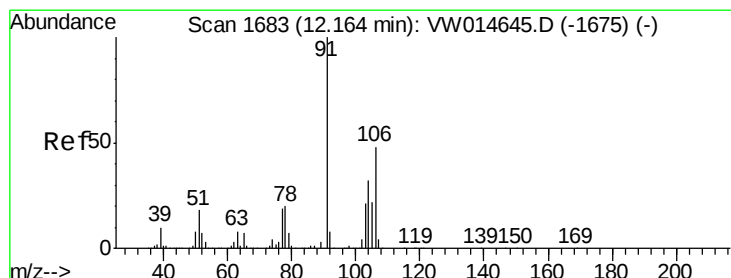
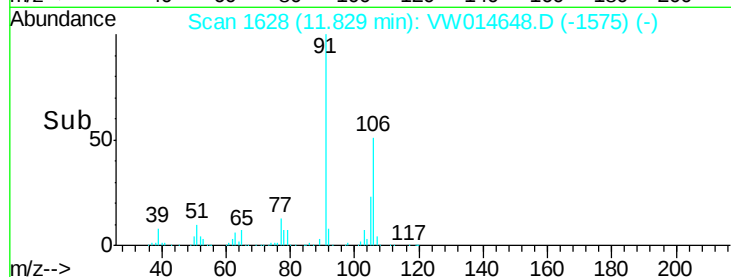
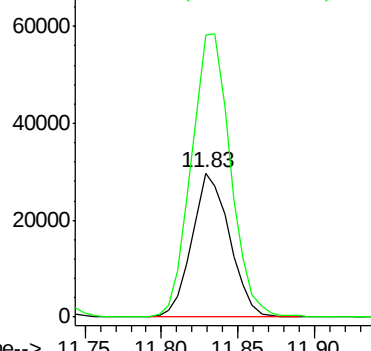
106 100

91 195.4 142.2 264.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 1.666 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW014648.D

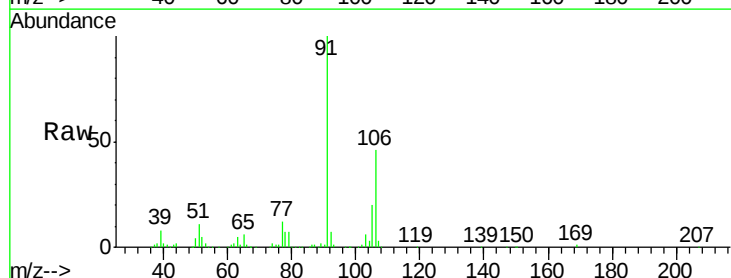
Acq: 15 Jan 2020 12:32

Tgt Ion:106 Resp: 37948

Ion Ratio Lower Upper

106 100

91 218.0 148.7 276.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

