

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\
 Data File : VW015501.D
 Acq On : 27 May 2020 14:00
 Operator : SY/VA
 Sample : L2755-03
 Misc : 6.21G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXC9

Quant Time: May 28 02:51:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 01:49:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	341320	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	317258	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147200	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92353	29.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.12%
7) Chloroethane-d5	2.89	69	87011	27.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.88%
10) 1,1-Dichloroethene-d2	4.01	63	140182	18.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.56%
20) 2-Butanone-d5	7.08	46	66399	65.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.04%
24) Chloroform-d	7.65	84	201709	25.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	8.31	65	126994	28.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.68%
29) Benzene-d6	8.27	84	402827	25.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.56%
33) 1,2-Dichloropropane-d6	9.27	67	125039	26.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.76%
37) Toluene-d8	10.32	98	380017	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.48%
38) trans-1,3-Dichloropropene-	10.58	79	56469	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.28%
39) 2-Hexanone-d5	10.93	63	57353	70.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.12%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105494	29.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	129899	26.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.32%

Target Compounds

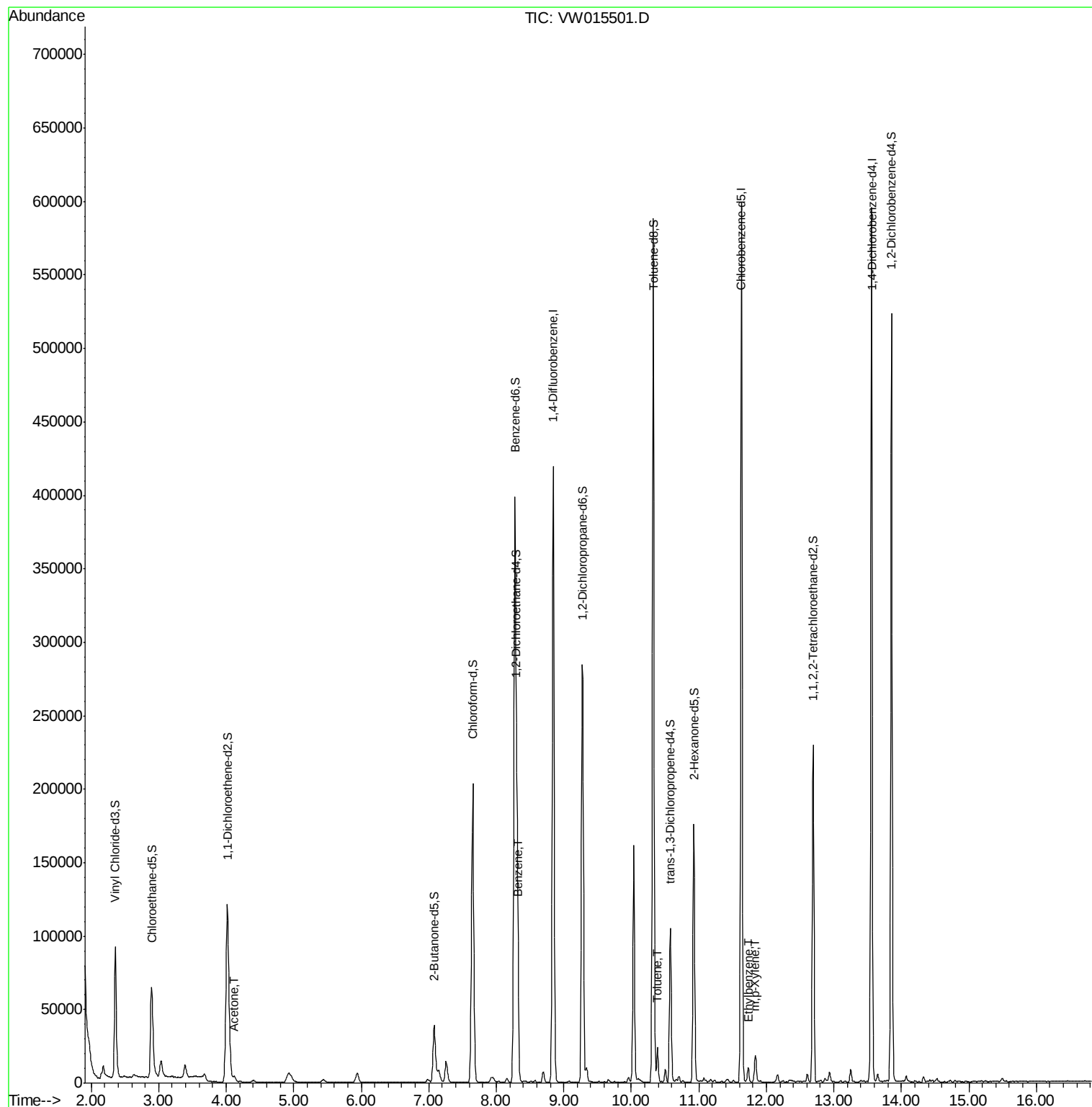
					Ovalue
13) Acetone	4.12	43	5784	7.327 ug/L	85
34) Benzene	8.33	78	6330	0.357 ug/L	100
44) Toluene	10.39	91	15980	0.827 ug/L	97
53) Ethylbenzene	11.73	91	6840	0.308 ug/L	100
54) m,p-Xylene	11.83	106	4250	0.510 ug/L	87

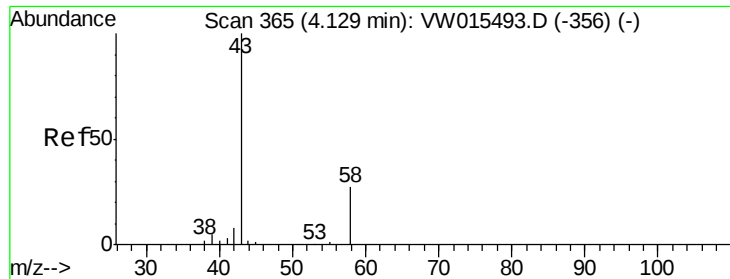
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.327 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015501.D

Acq: 27 May 2020 14:00

Instrument :

MSVOA_W

ClientSampled :

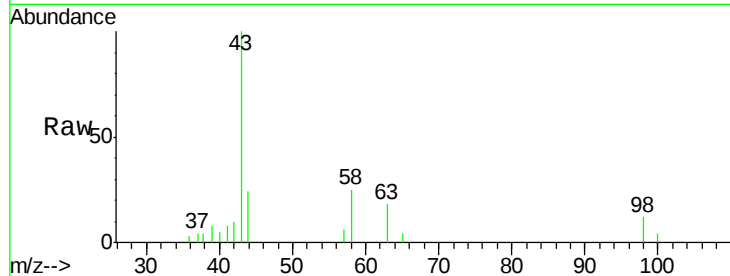
GAXC9

Tot Ion: 43 Resp: 5784

Ion Ratio Lower Upper

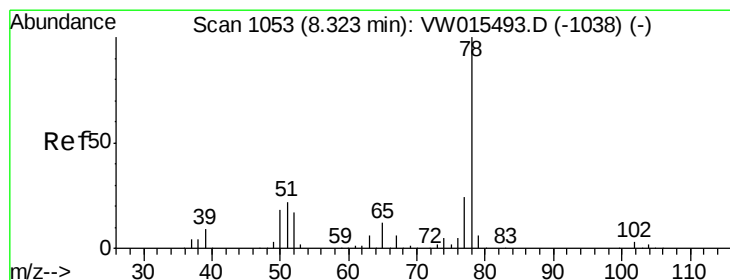
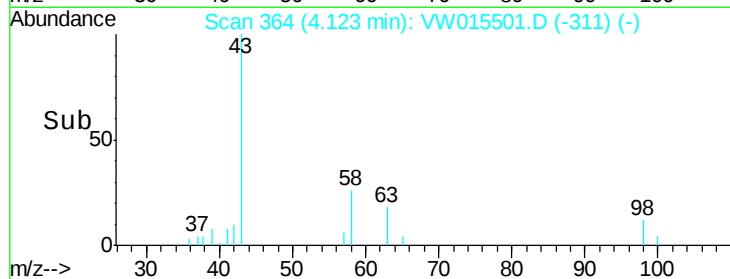
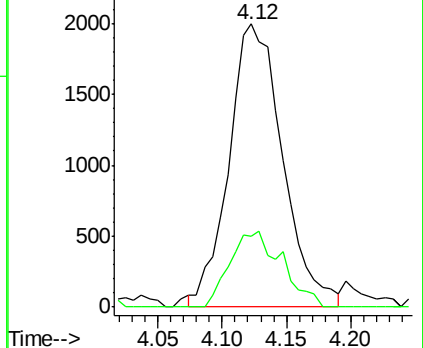
43 100

58 20.3 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#34

Benzene

Concen: 0.357 ug/L

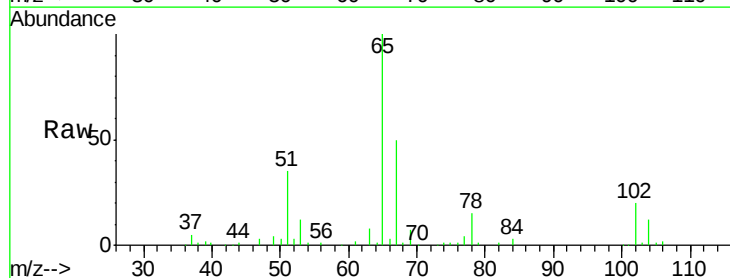
RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

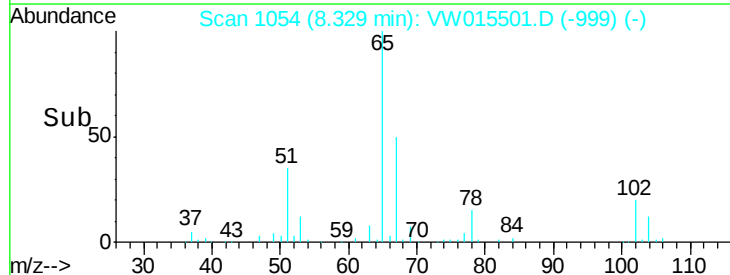
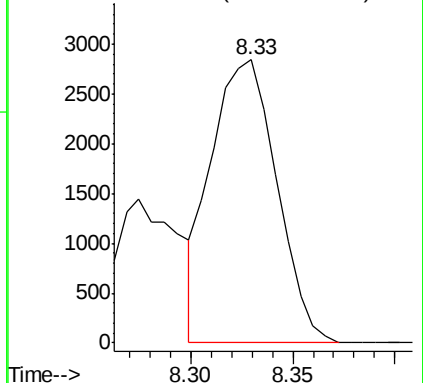
Lab File: VW015501.D

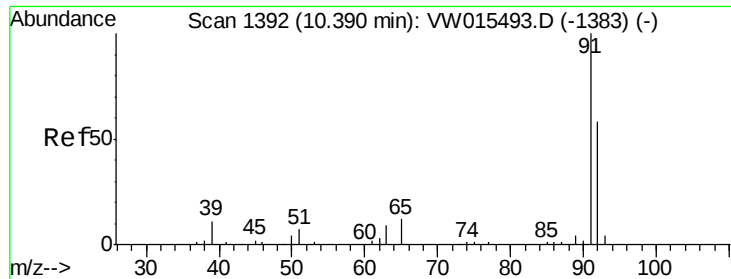
Acq: 27 May 2020 14:00

Tgt Ion: 78 Resp: 6330



Abundance Ion 78.00 (77.70 to 78.70): VW





#44

Toluene

Concen: 0.827 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015501.D

Acq: 27 May 2020 14:00

Instrument :

MSVOA_W

ClientSampleId :

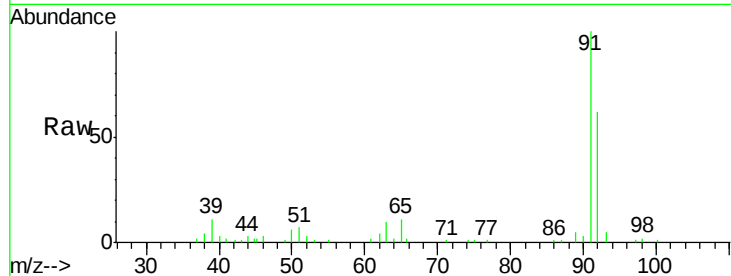
GAXC9

Tot Ion: 91 Resp: 15980

Ion Ratio Lower Upper

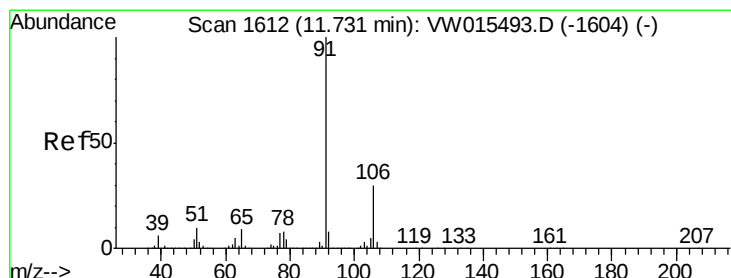
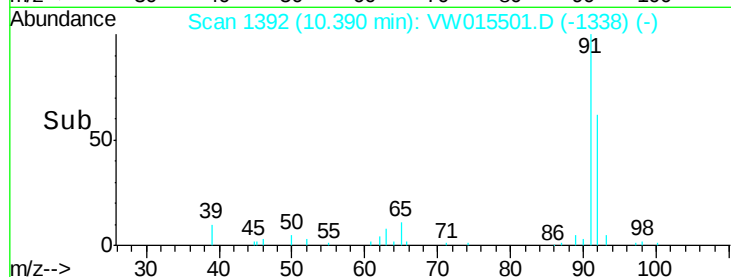
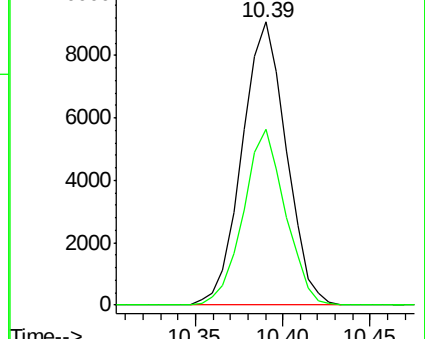
91 100

92 61.9 41.7 77.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#53

Ethylbenzene

Concen: 0.308 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015501.D

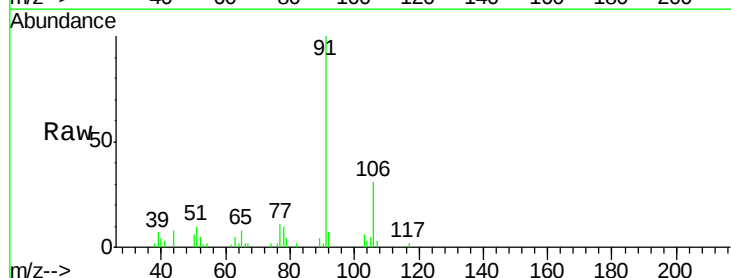
Acq: 27 May 2020 14:00

Tgt Ion: 91 Resp: 6840

Ion Ratio Lower Upper

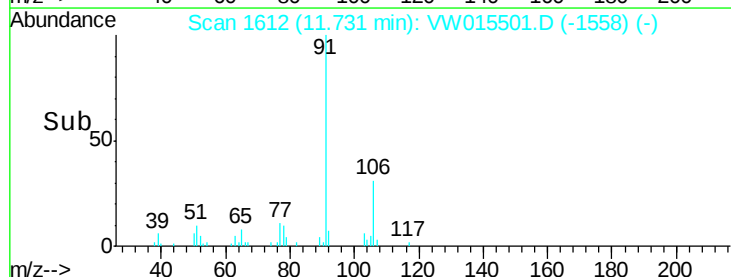
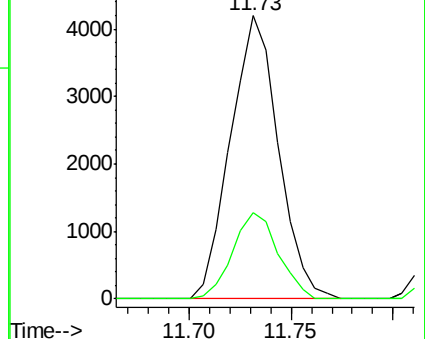
91 100

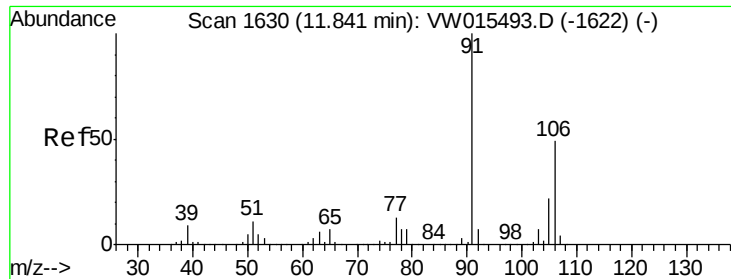
106 30.6 21.3 39.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





#54
 m,p-Xylene
 Concen: 0.510 ug/L
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: VW015501.D
 Acq: 27 May 2020 14:00

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXC9

Tot Ion:106 Resp: 4250
 Ion Ratio Lower Upper
 106 100
 91 183.3 142.6 264.8

