

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016082.D
 Acq On : 07 Aug 2020 20:10
 Operator : SY/VA
 Sample : L3598-05
 Misc : 6.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY63

Quant Time: Aug 08 05:31:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	305489	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	279414	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	119120	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	52052	12.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.32%
7) Chloroethane-d5	2.89	69	46682	13.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.32%
10) 1,1-Dichloroethene-d2	4.01	63	88247	10.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.52%#
20) 2-Butanone-d5	7.08	46	47223	41.70	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.40%
24) Chloroform-d	7.65	84	146214	17.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.16%
26) 1,2-Dichloroethane-d4	8.31	65	83037	17.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.52%
29) Benzene-d6	8.27	84	288098	16.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.76%
33) 1,2-Dichloropropane-d6	9.27	67	90340	17.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.88%
37) Toluene-d8	10.33	98	254814	16.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.16%
38) trans-1,3-Dichloropropene-	10.58	79	36896	16.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.92%
39) 2-Hexanone-d5	10.93	63	39226	46.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86264	22.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	94735	20.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.60%

Target Compounds

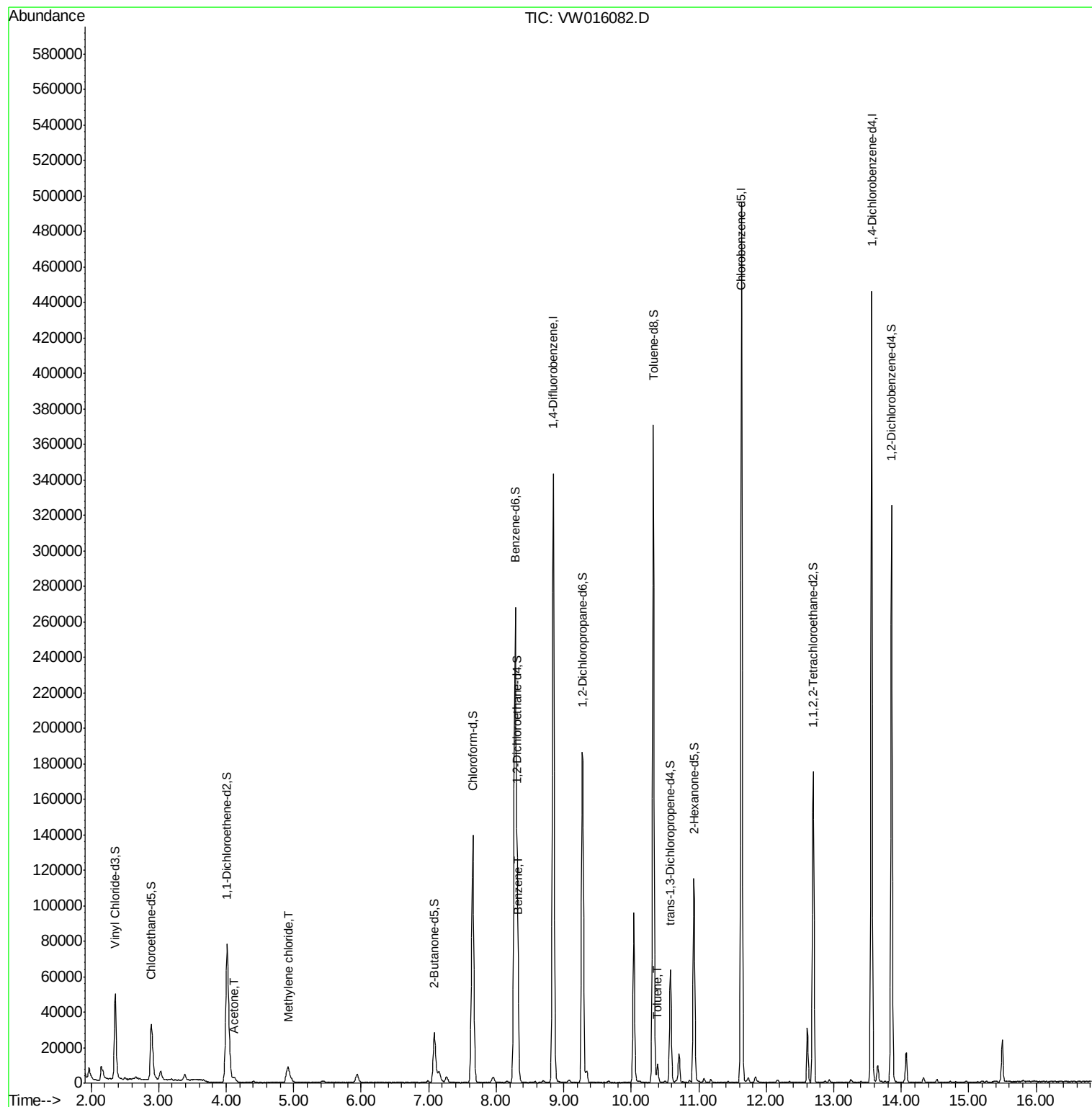
					Ovalue
13) Acetone	4.12	43	4049	4.258 ug/L	97
16) Methylene chloride	4.92	84	8111	1.620 ug/L	87
34) Benzene	8.33	78	8498	0.501 ug/L	100
44) Toluene	10.39	91	7474	0.420 ug/L	93

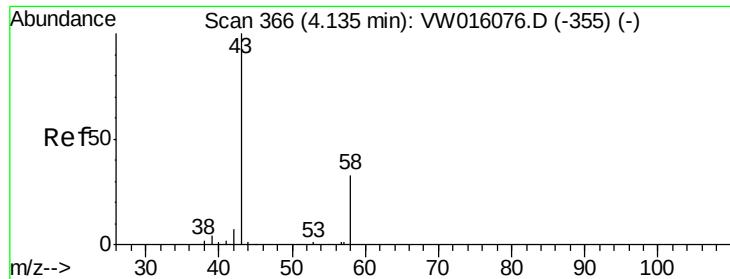
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.258 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW016082.D

Acq: 07 Aug 2020 20:10

Instrument :

MSVOA_W

ClientSampled :

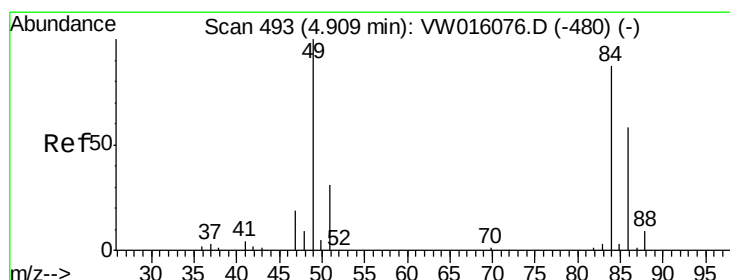
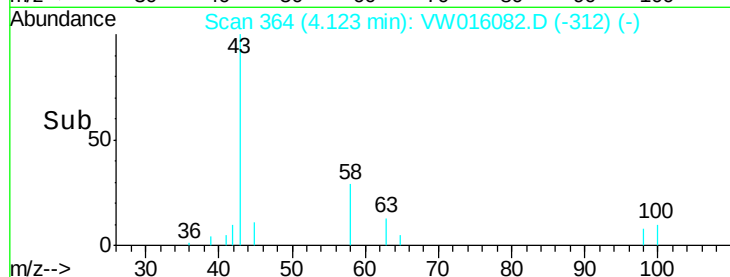
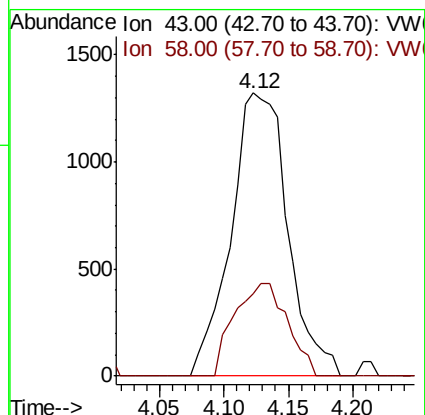
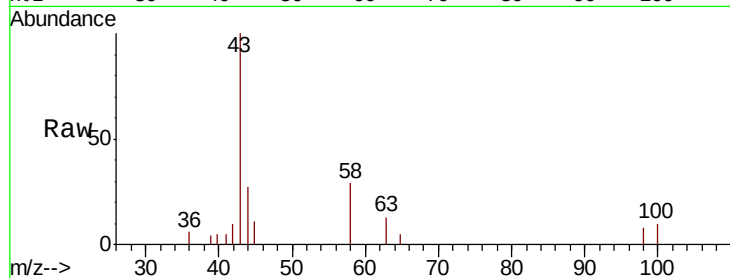
GAY63

Tot Ion: 43 Resp: 4049

Ion Ratio Lower Upper

43 100

58 30.6 0.0 58.2



#16

Methylene chloride

Concen: 1.620 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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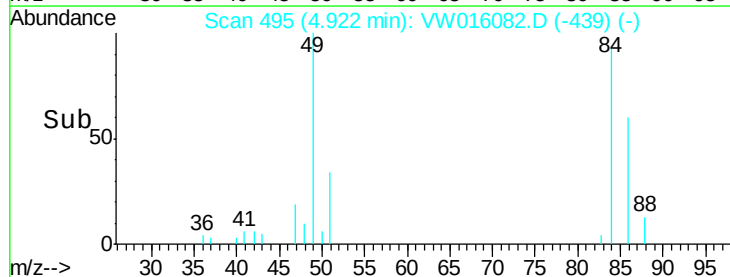
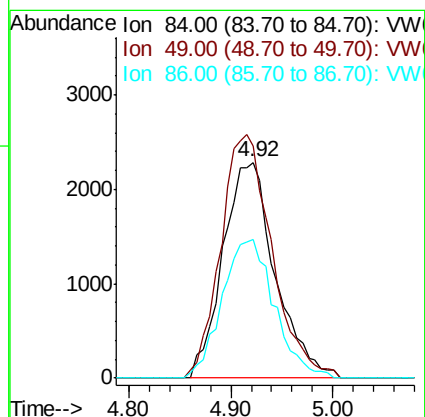
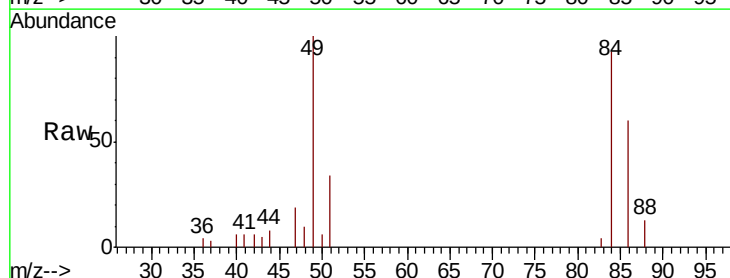
Tgt Ion: 84 Resp: 8111

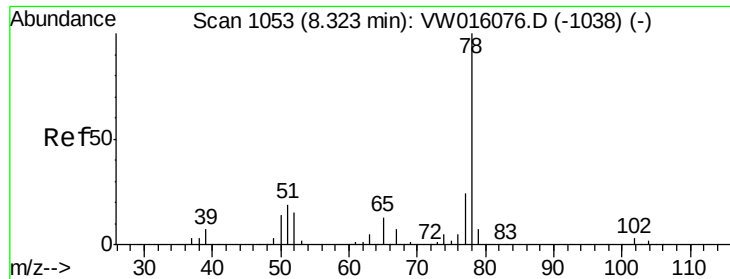
Ion Ratio Lower Upper

84 100

49 107.9 91.1 169.1

86 64.2 46.0 85.4





#34

Benzene

Concen: 0.501 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW016082.D

Acq: 07 Aug 2020 20:10

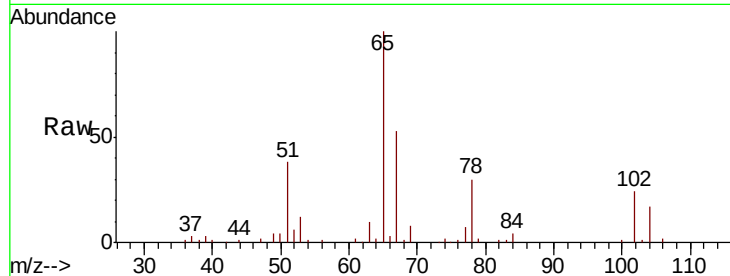
Instrument :

MSVOA_W

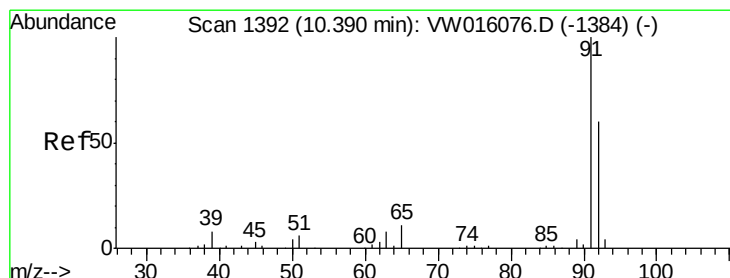
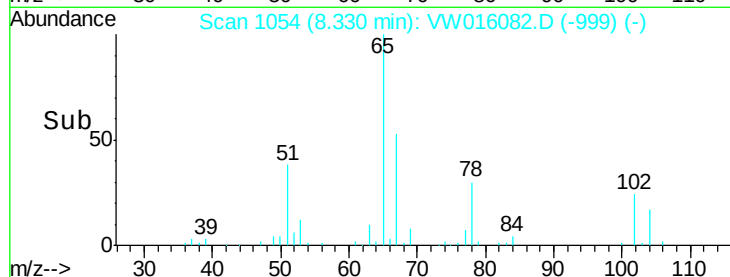
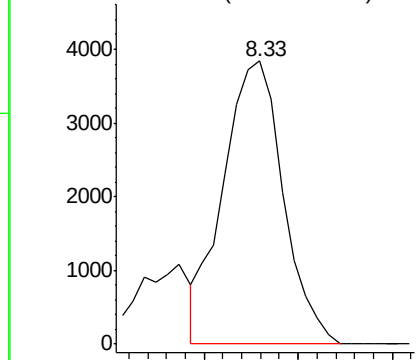
ClientSampleId :

GAY63

Tgt Ion: 78 Resp: 8498



Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 0.420 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

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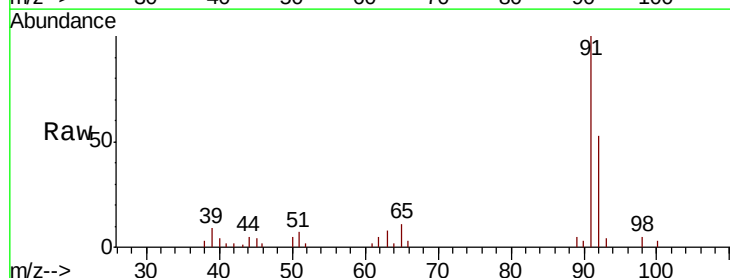
Acq: 07 Aug 2020 20:10

Tgt Ion: 91 Resp: 7474

Ion Ratio Lower Upper

91 100

92 53.4 41.2 76.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

