

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015449.D
 Acq On : 22 May 2020 13:55
 Operator : SY/VA
 Sample : L2753-01
 Misc : 5.72G/10.0mL/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXE2

Quant Time: May 23 04:56:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	416748	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	379780	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178978	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	79746	15.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.20%
7) Chloroethane-d5	2.90	69	84959	16.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.60%
10) 1,1-Dichloroethene-d2	4.01	63	145117	13.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.72%
20) 2-Butanone-d5	7.08	46	78180	56.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.28%
24) Chloroform-d	7.65	84	228262	21.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.76%
26) 1,2-Dichloroethane-d4	8.31	65	140930	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.60%
29) Benzene-d6	8.27	84	447184	21.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.08%
33) 1,2-Dichloropropane-d6	9.27	67	143361	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.04%
37) Toluene-d8	10.32	98	421305	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.32%
38) trans-1,3-Dichloropropene-	10.58	79	65526	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.44%
39) 2-Hexanone-d5	10.93	63	68680	59.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121931	25.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	146609	23.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.44%

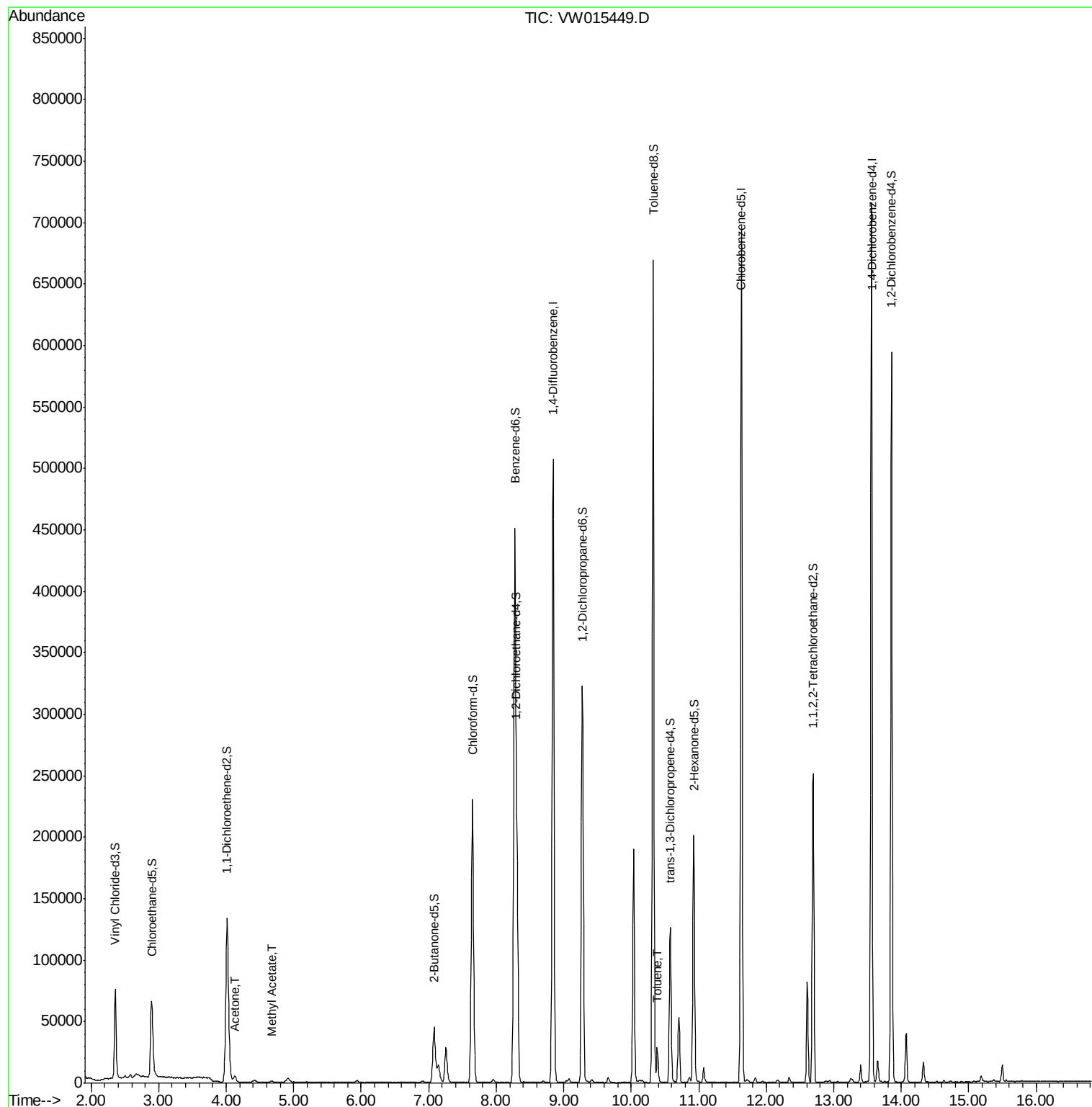
Target Compounds					Ovalue
13) Acetone	4.12	43	8745	8.292 ug/L	99
15) Methyl Acetate	4.67	43	2345	1.017 ug/L #	76
44) Toluene	10.38	91	20457	0.842 ug/L	100

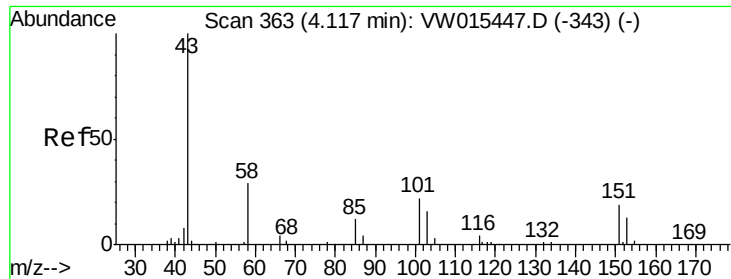
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.292 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015449.D

Acq: 22 May 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

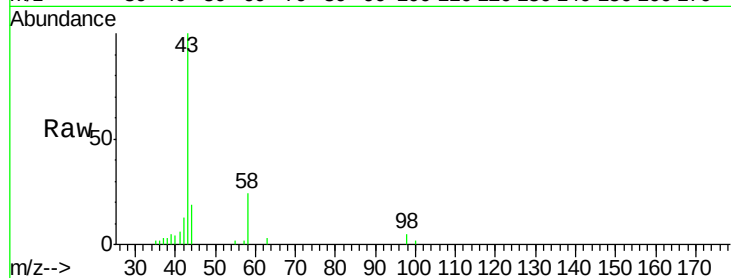
GAXE2

Tot Ion: 43 Resp: 8745

Ion Ratio Lower Upper

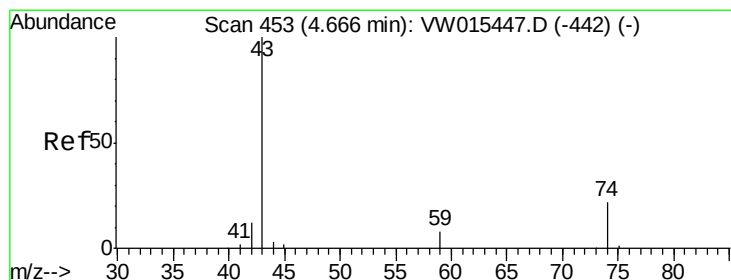
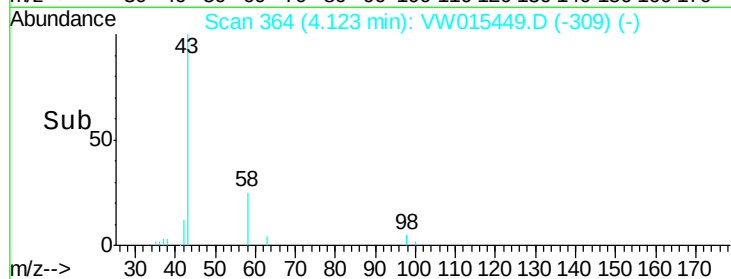
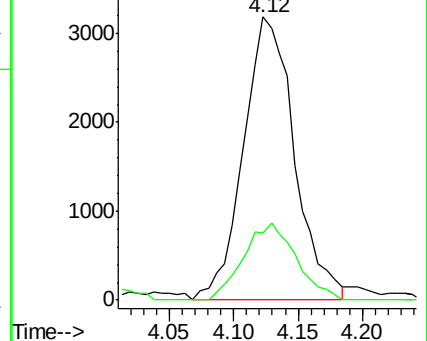
43 100

58 28.1 0.0 57.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 1.017 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

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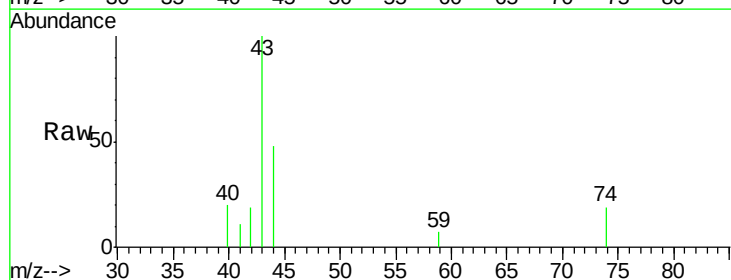
Acq: 22 May 2020 13:55

Tgt Ion: 43 Resp: 2345

Ion Ratio Lower Upper

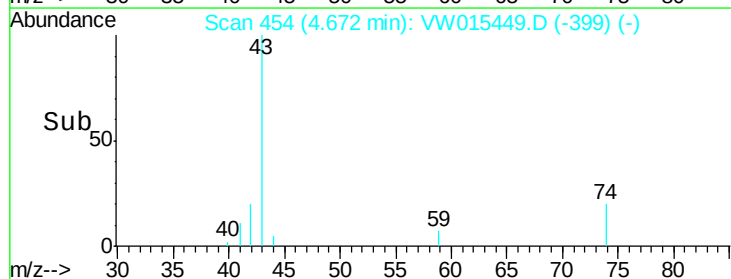
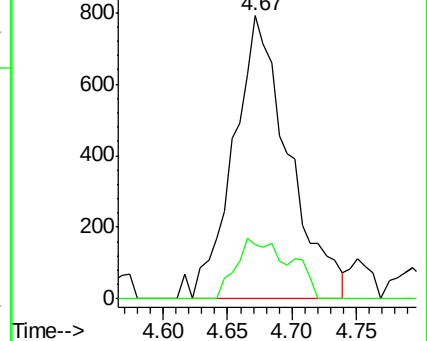
43 100

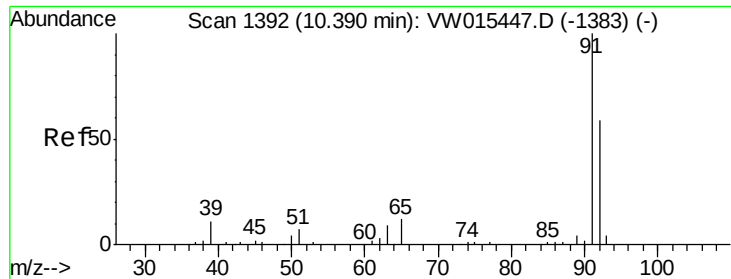
74 10.9 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#44

Toluene

Concen: 0.842 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

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ClientSampleId :

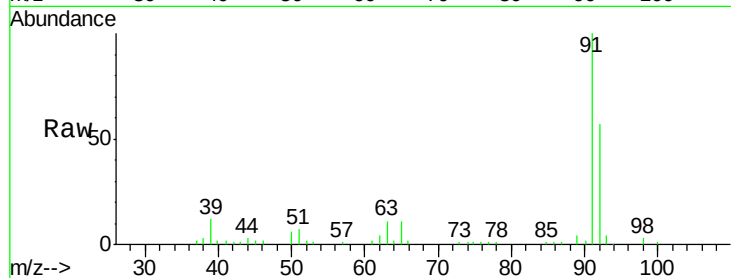
GAXE2

Tot Ion: 91 Resp: 20457

Ion Ratio Lower Upper

91 100

92 57.1 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

