

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015458.D
 Acq On : 22 May 2020 17:49
 Operator : SY/VA
 Sample : L2753-06
 Misc : 6.12G/10.0mL/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXE7

Quant Time: May 23 05:53:13 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	242462	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	135524	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	22641	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58909	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.68%
7) Chloroethane-d5	2.89	69	67523	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.36%
10) 1,1-Dichloroethene-d2	4.01	63	101716	16.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.96%
20) 2-Butanone-d5	7.08	46	67133	82.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.70%#
24) Chloroform-d	7.65	84	175727	28.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.80%
26) 1,2-Dichloroethane-d4	8.31	65	110177	32.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.80%
29) Benzene-d6	8.27	84	303998	41.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	164.00%#
33) 1,2-Dichloropropane-d6	9.27	67	106270	47.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	189.16%#
37) Toluene-d8	10.32	98	226154	31.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.84%
38) trans-1,3-Dichloropropene-	10.58	79	40726	39.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	159.28%#
39) 2-Hexanone-d5	10.93	63	50410	121.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	242.86%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76195	45.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	180.08%#
61) 1,2-Dichlorobenzene-d4	13.85	152	20994	26.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.76%

Target Compounds

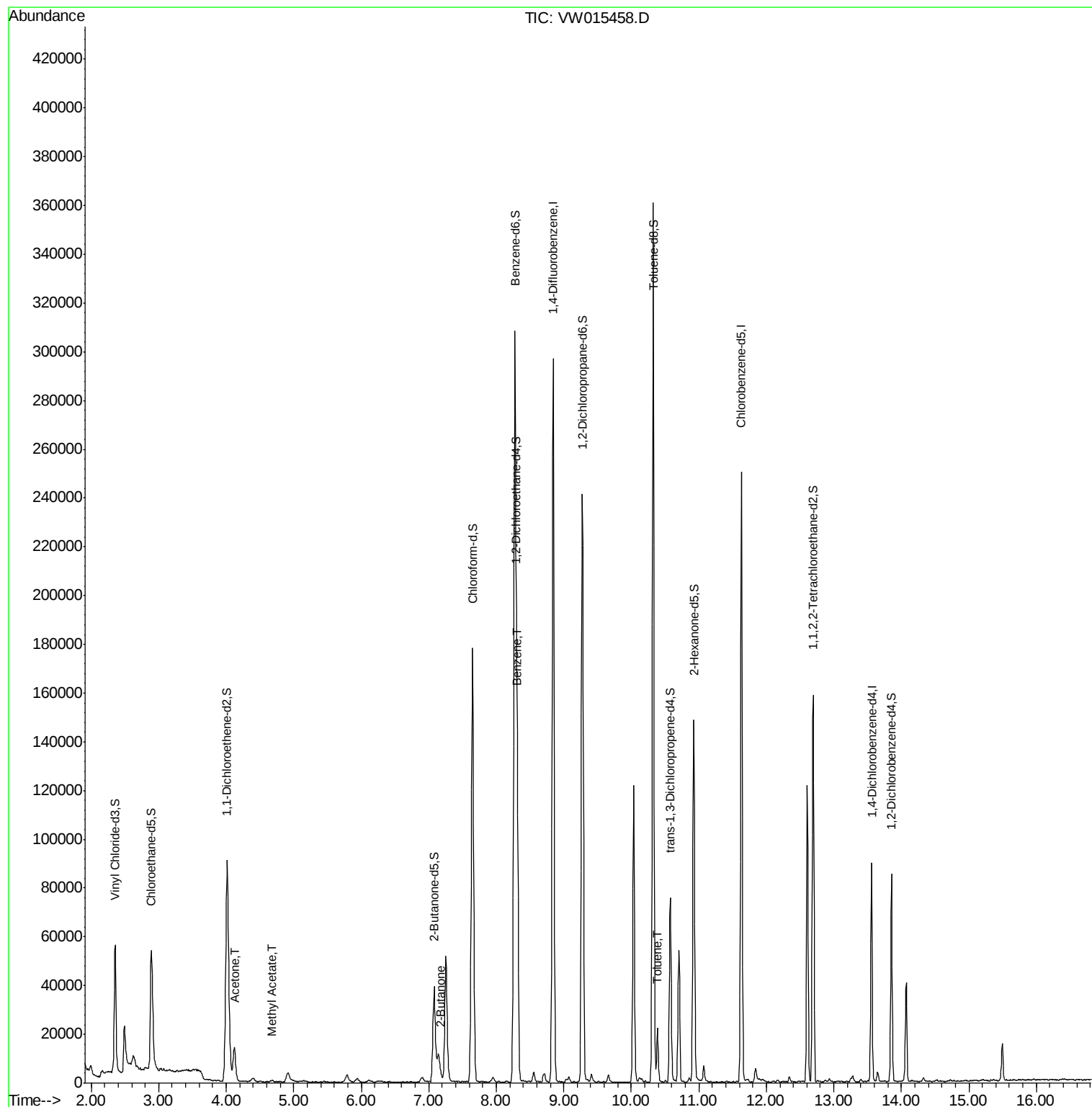
					Ovalue
13) Acetone	4.12	43	23911	38.970	ug/L 100
15) Methyl Acetate	4.67	43	1252	0.933	ug/L # 87
21) 2-Butanone	7.18	43	2506	2.717	ug/L 89
34) Benzene	8.32	78	5345	0.674	ug/L 100
44) Toluene	10.39	91	15897	1.835	ug/L 99

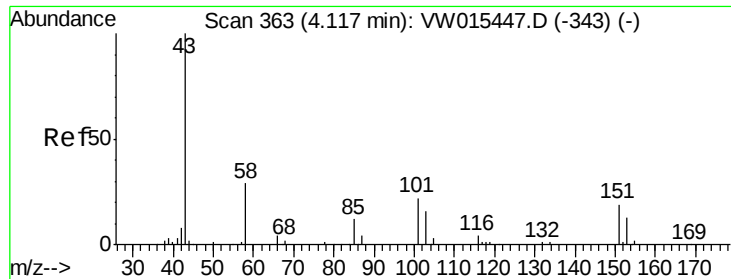
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 38.970 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015458.D

Acq: 22 May 2020 17:49

Instrument :

MSVOA_W

ClientSampleId :

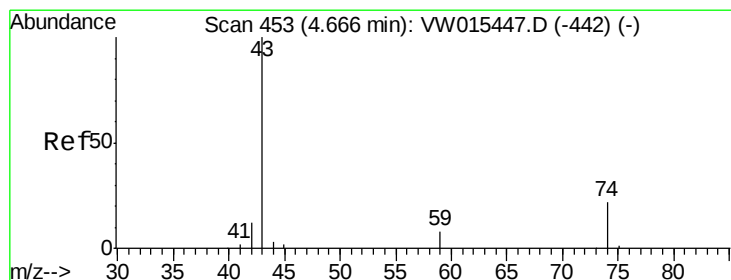
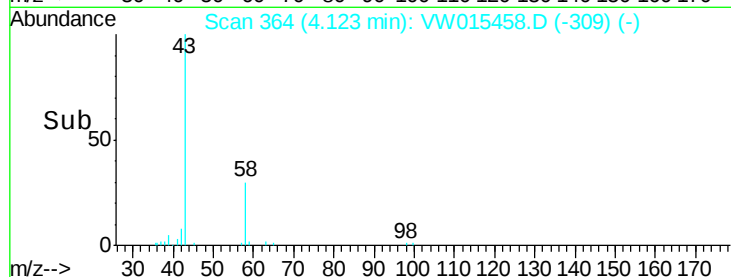
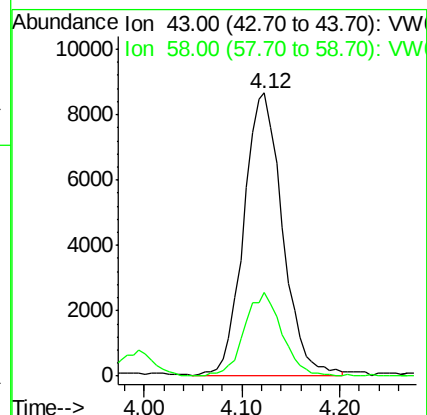
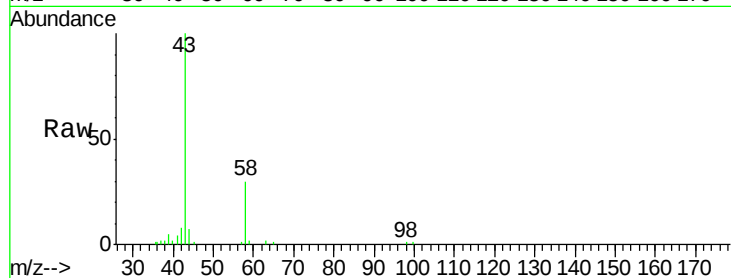
GAXE7

Tot Ion: 43 Resp: 23911

Ion Ratio Lower Upper

43 100

58 28.4 0.0 57.0



#15

Methyl Acetate

Concen: 0.933 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW015458.D

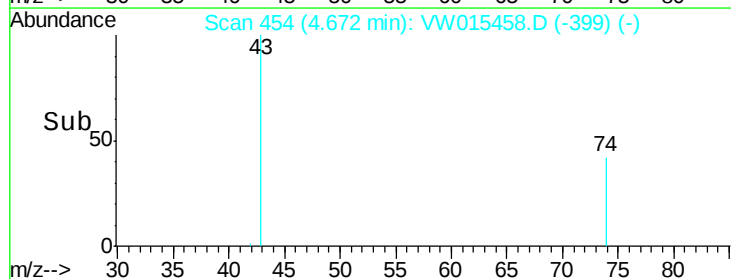
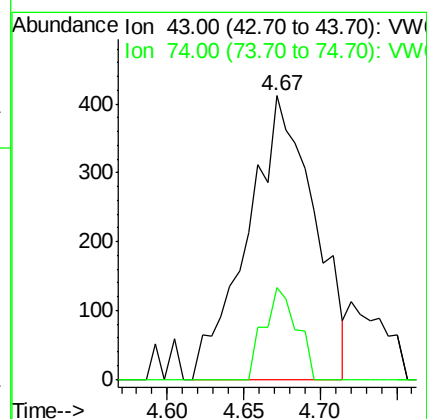
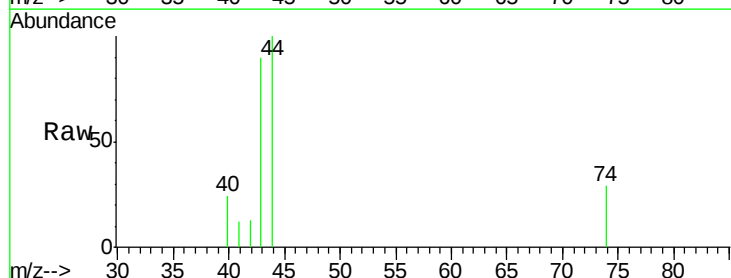
Acq: 22 May 2020 17:49

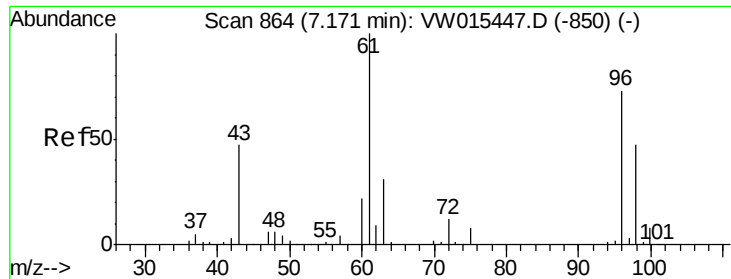
Tgt Ion: 43 Resp: 1252

Ion Ratio Lower Upper

43 100

74 15.8 17.8 26.6#





#21

2-Butanone

Concen: 2.717 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015458.D

Acq: 22 May 2020 17:49

Instrument :

MSVOA_W

ClientSampled :

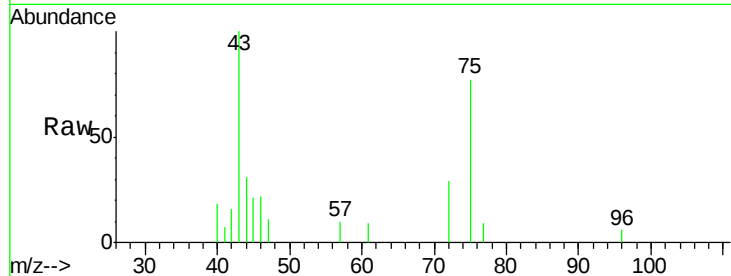
GAXE7

Tot Ion: 43 Resp: 2506

Ion Ratio Lower Upper

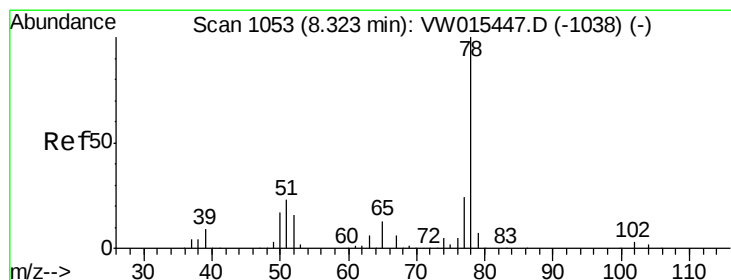
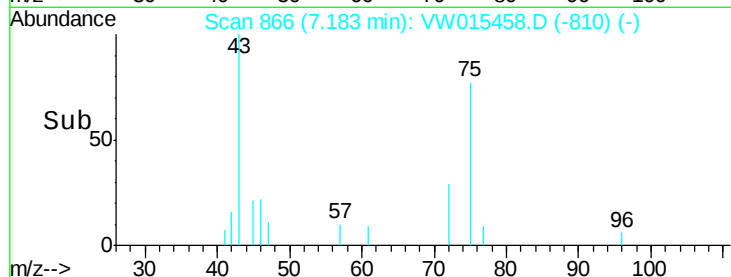
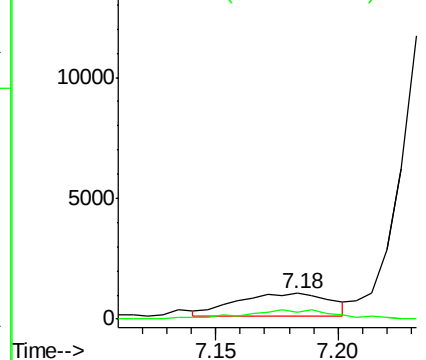
43 100

72 32.8 13.6 40.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#34

Benzene

Concen: 0.674 ug/L

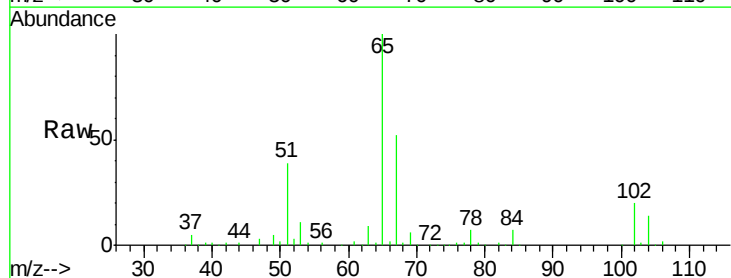
RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

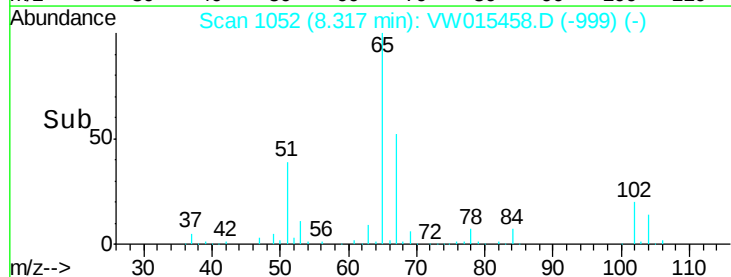
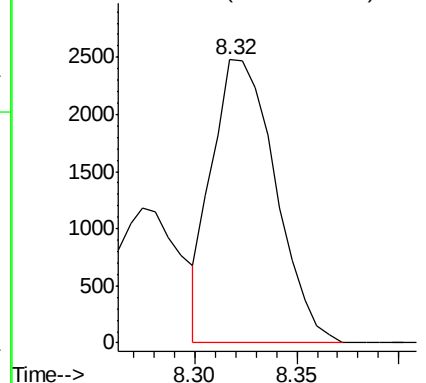
Lab File: VW015458.D

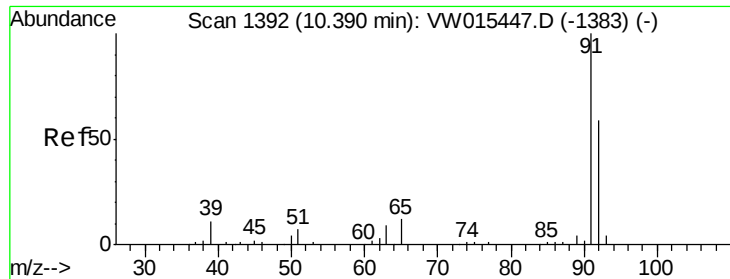
Acq: 22 May 2020 17:49

Tgt Ion: 78 Resp: 5345



Abundance Ion 78.00 (77.70 to 78.70): VW





#44

Toluene

Concen: 1.835 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015458.D

Acq: 22 May 2020 17:49

Instrument :

MSVOA_W

ClientSampleId :

GAXE7

Tot Ion: 91 Resp: 15897

Ion Ratio Lower Upper

91 100

92 57.7 39.8 74.0

