

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017252.D
 Acq On : 16 Nov 2020 13:23
 Operator : SY/VA
 Sample : L4739-08
 Misc : 5.68G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Z5

Quant Time: Nov 17 06:10:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	477271	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	440552	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200958	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101981	16.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.84%
7) Chloroethane-d5	2.89	69	90685	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.32%
10) 1,1-Dichloroethene-d2	4.02	63	159459	14.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.32%
20) 2-Butanone-d5	7.07	46	54012	40.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.36%
24) Chloroform-d	7.65	84	249963	22.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.72%
26) 1,2-Dichloroethane-d4	8.40	65	85	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	479896	21.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.56%
33) 1,2-Dichloropropane-d6	9.27	67	136137	21.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.76%
37) Toluene-d8	10.32	98	465119	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.96%
38) trans-1,3-Dichloropropene-	10.58	79	60616	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.68%
39) 2-Hexanone-d5	10.93	63	47928	44.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115118	21.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	162269	22.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.68%

Target Compounds

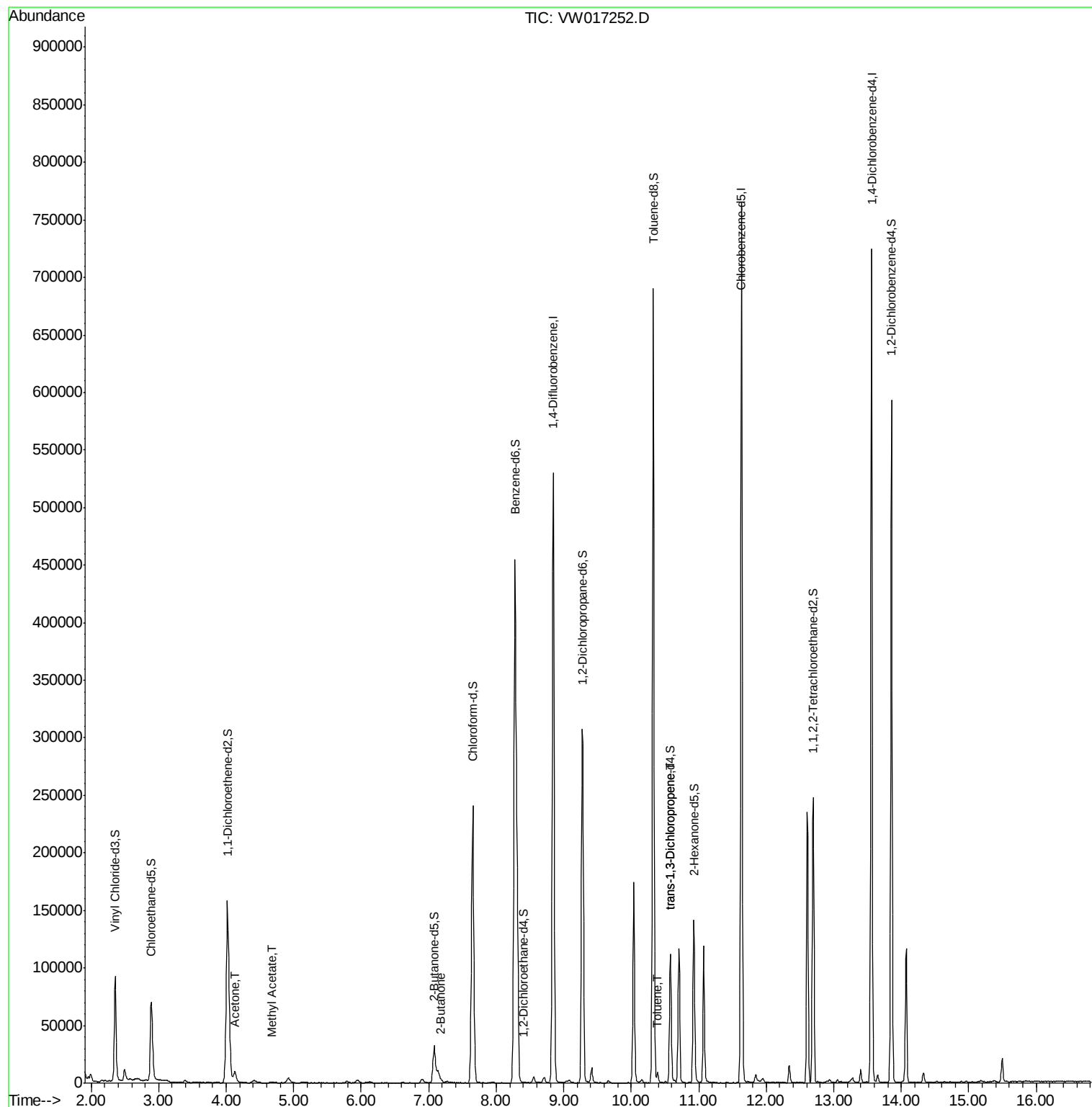
					Ovalue
13) Acetone	4.13	43	16434	18.257	ug/L 99
15) Methyl Acetate	4.67	43	1043	0.467	ug/L # 74
21) 2-Butanone	7.18	43	2389	1.653	ug/L # 58
44) Toluene	10.39	91	6382	0.251	ug/L 100
45) trans-1,3-Dichloropropene	10.58	75	3319	0.451	ug/L # 71

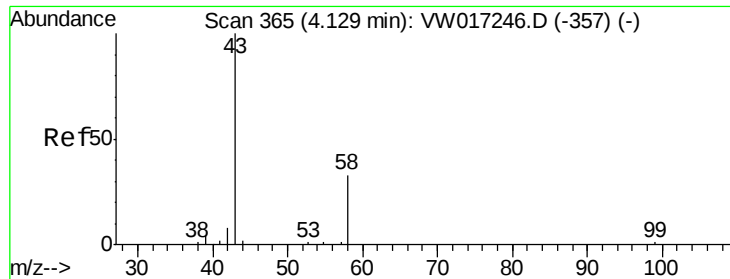
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.257 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017252.D

Acq: 16 Nov 2020 13:23

Instrument :

MSVOA_W

ClientSampled :

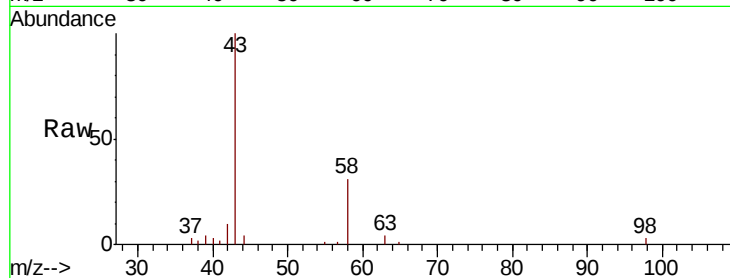
GB0Z5

Tot Ion: 43 Resp: 16434

Ion Ratio Lower Upper

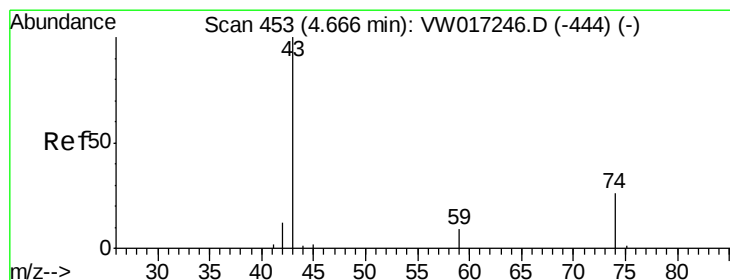
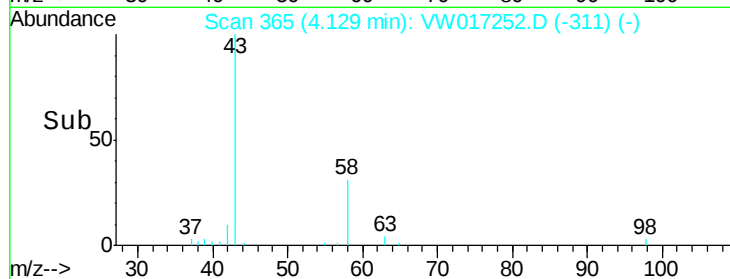
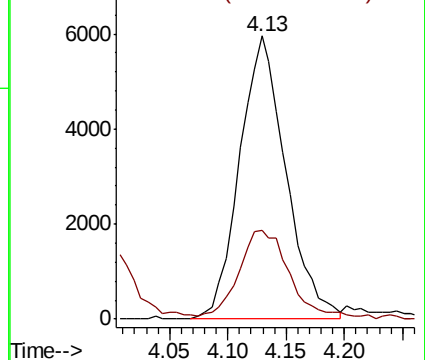
43 100

58 33.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 0.467 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW017252.D

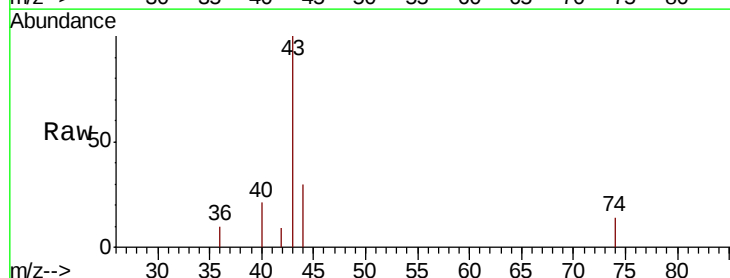
Acq: 16 Nov 2020 13:23

Tgt Ion: 43 Resp: 1043

Ion Ratio Lower Upper

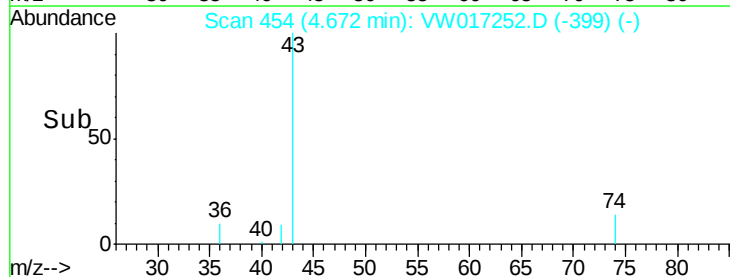
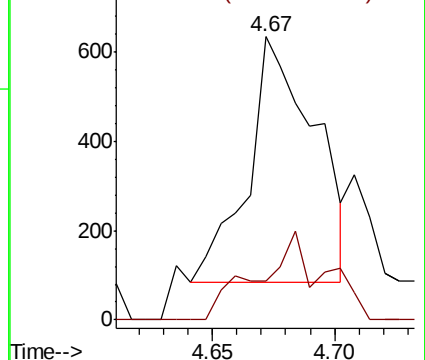
43 100

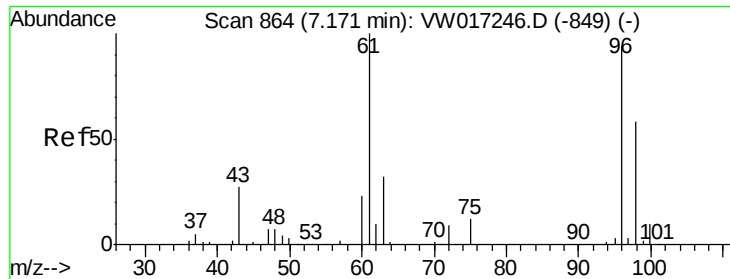
74 13.7 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#21

2-Butanone

Concen: 1.653 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW017252.D

Acq: 16 Nov 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

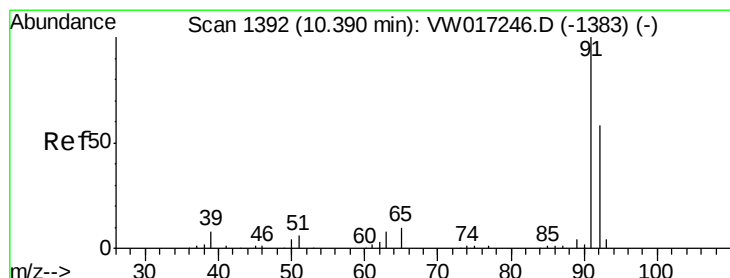
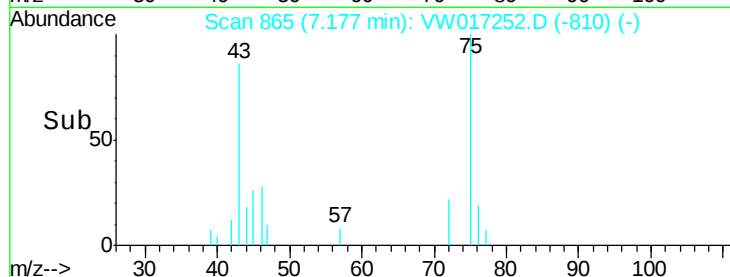
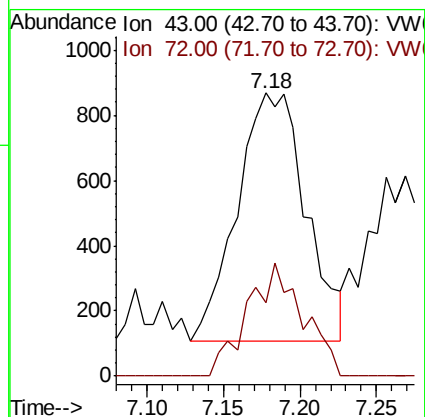
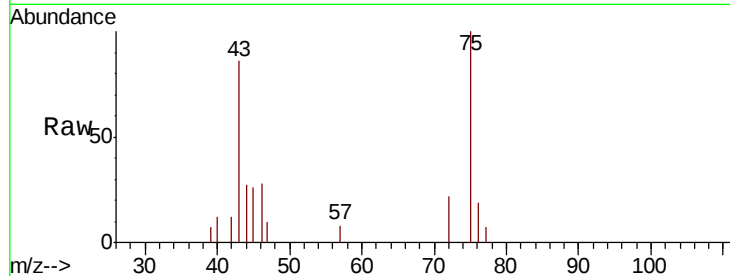
GB0Z5

Tot Ion: 43 Resp: 2389

Ion Ratio Lower Upper

43 100

72 8.5 16.1 48.3#



#44

Toluene

Concen: 0.251 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017252.D

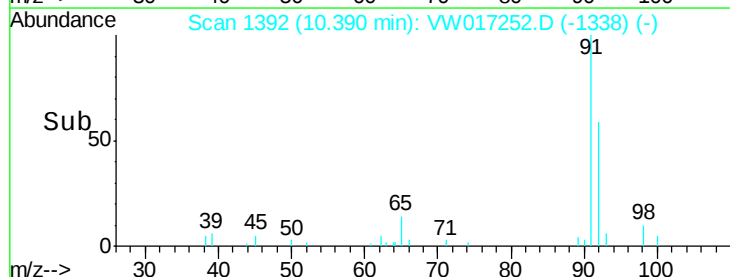
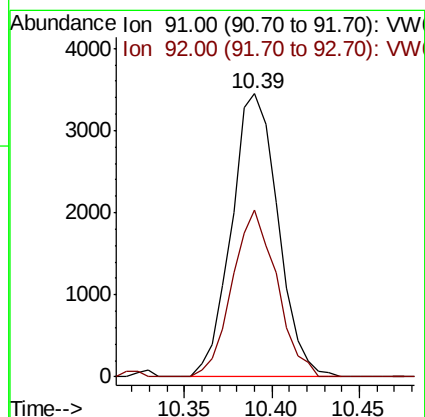
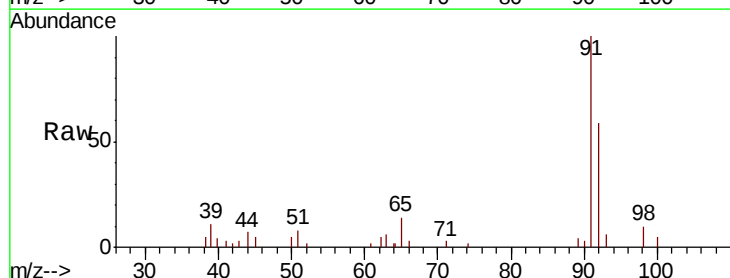
Acq: 16 Nov 2020 13:23

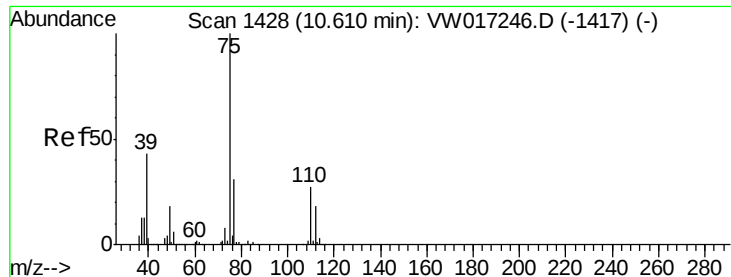
Tgt Ion: 91 Resp: 6382

Ion Ratio Lower Upper

91 100

92 59.0 41.4 76.8





#45

trans-1,3-Dichloropropene

Concen: 0.451 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017252.D

Acq: 16 Nov 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

GB0Z5

Tot Ion: 75 Resp: 3319

Ion Ratio Lower Upper

75 100

77 47.4 22.1 41.1#

