

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017337.D
 Acq On : 18 Nov 2020 19:05
 Operator : SY/VA
 Sample : L4739-01
 Misc : 5.23G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Z0

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:26:24 PM

Quant Time: Nov 19 05:41:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 05:03:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	387129	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352889	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167984	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	133350	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.08%
7) Chloroethane-d5	2.90	69	106001	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.12%
10) 1,1-Dichloroethene-d2	4.02	63	169960	16.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.80%
20) 2-Butanone-d5	7.08	46	55096	58.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.08%
24) Chloroform-d	7.65	84	231922	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	8.31	65	123015	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.12%
29) Benzene-d6	8.28	84	455907	22.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.68%
33) 1,2-Dichloropropane-d6	9.28	67	125466	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.68%
37) Toluene-d8	10.33	98	423033	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.36%
38) trans-1,3-Dichloropropene-	10.58	79	55001	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.36%
39) 2-Hexanone-d5	10.93	63	43790	61.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112994	28.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	149207	24.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.24%

Target Compounds

					Ovalue
13) Acetone	4.12	43	68368	99.556 ug/L	98
15) Methyl Acetate	4.69	43	3997m	2.658 ug/L	
16) Methylene chloride	4.92	84	9757	1.473 ug/L	99
21) 2-Butanone	7.18	43	6833	6.491 ug/L	86

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

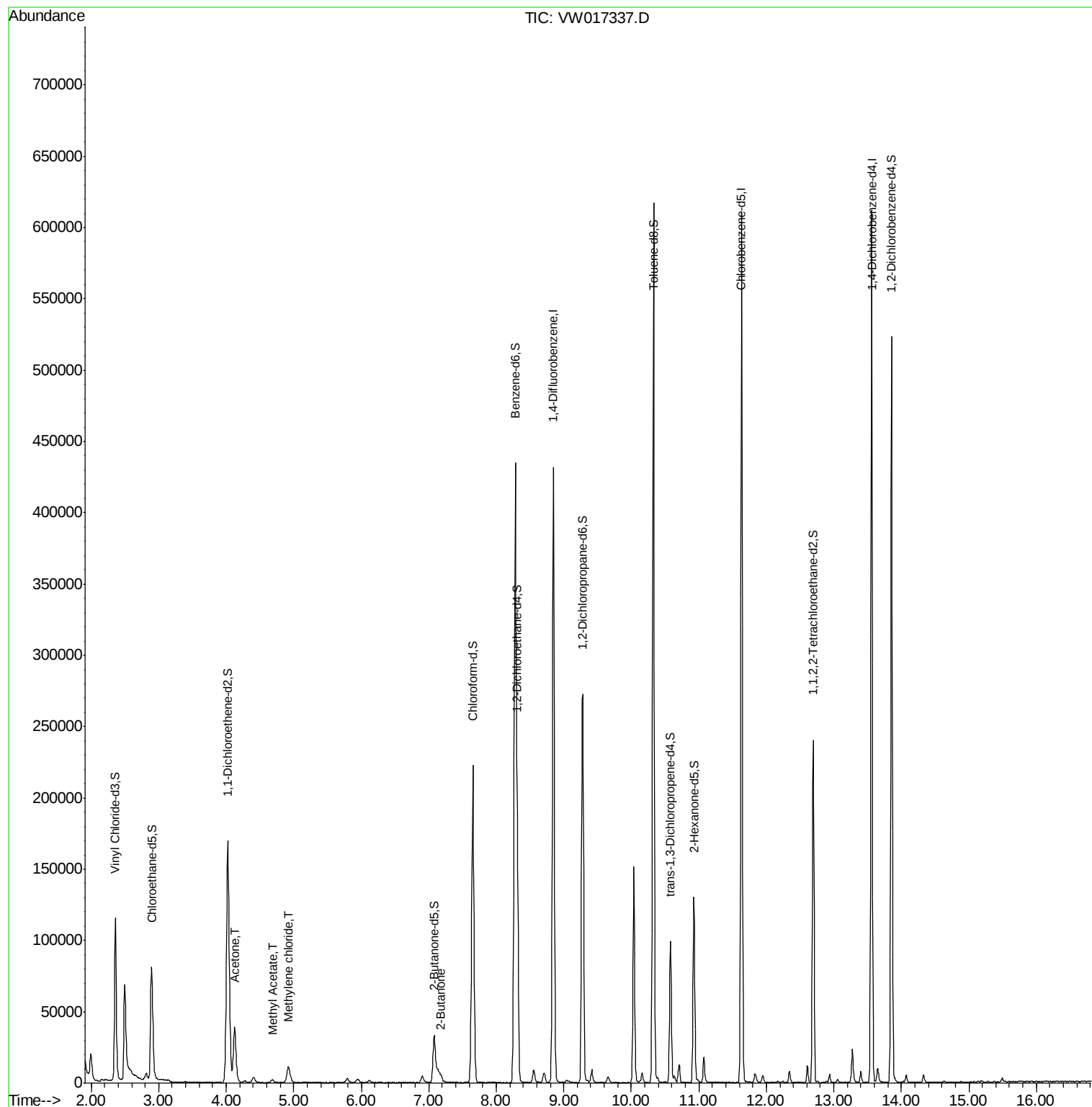
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111820\
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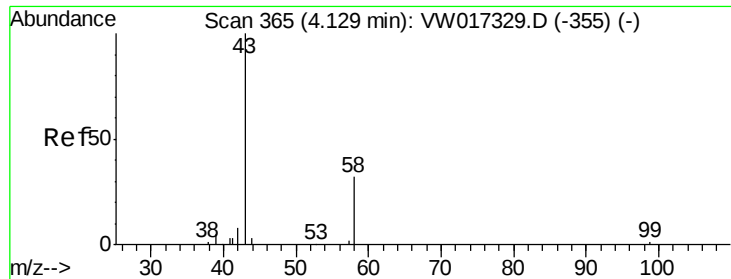
Instrument :
MSVOA_W
ClientSampleId :
GB0Z0

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Quant Time: Nov 19 05:41:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration





#13

Acetone

Concen: 99.556 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017337.D

Acq: 18 Nov 2020 19:05

Instrument :

MSVOA_W

ClientSampled :

GB0Z0

Tot Ion: 43 Resp: 68368

Ion Ratio Lower Upper

43 100

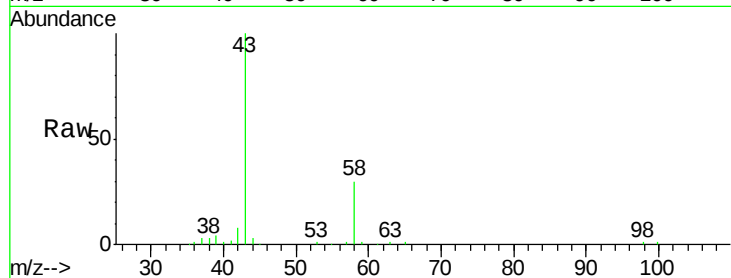
58 32.1 0.0 67.0

Manual Integrations

APPROVED

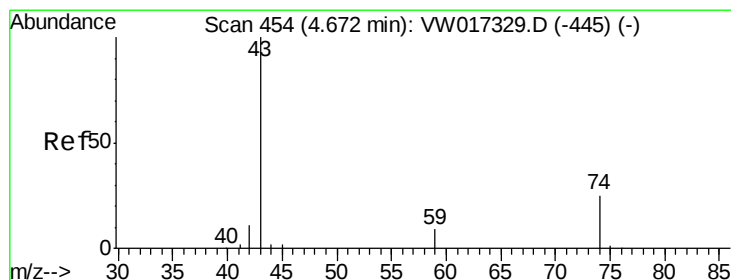
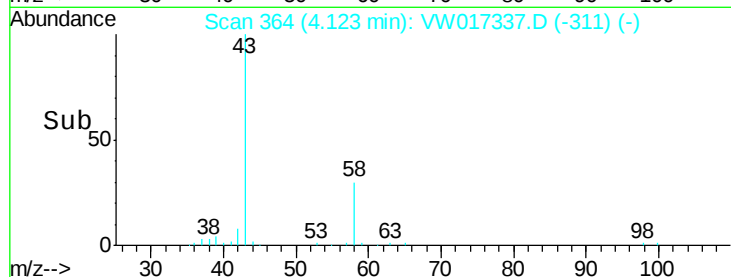
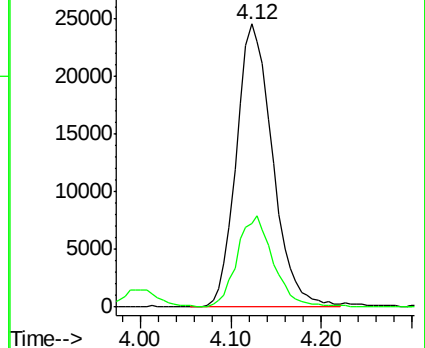
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 2.658 ug/L m

RT: 4.69 min Scan# 457

Delta R.T. 0.02 min

Lab File: VW017337.D

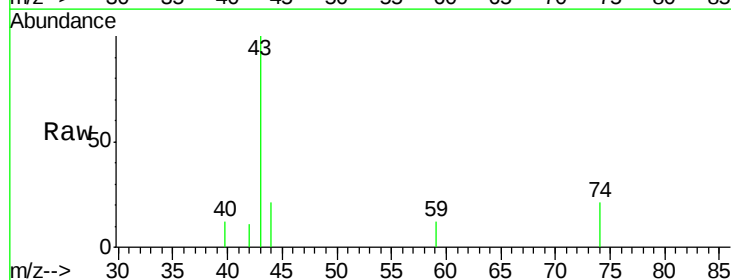
Acq: 18 Nov 2020 19:05

Tgt Ion: 43 Resp: 3997

Ion Ratio Lower Upper

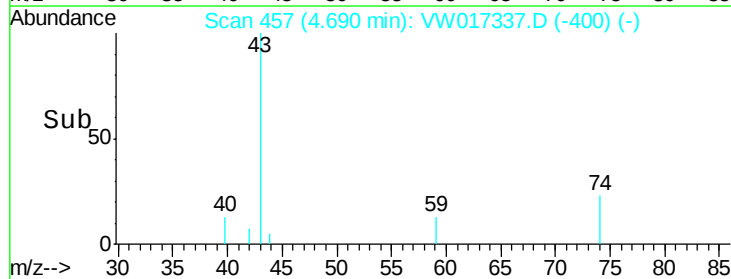
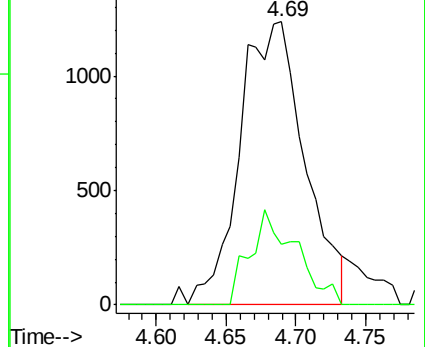
43 100

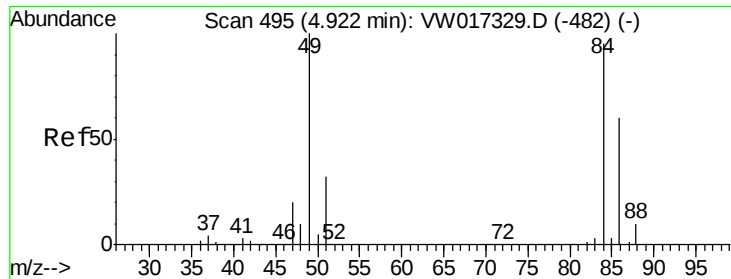
74 3.9 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





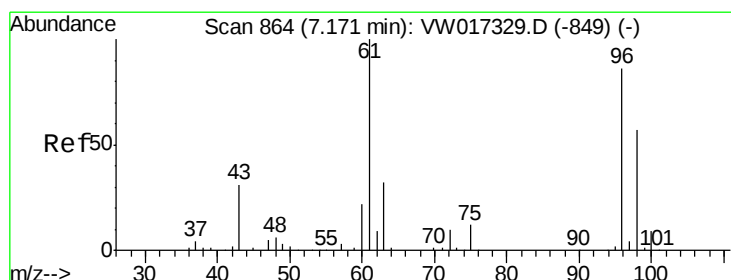
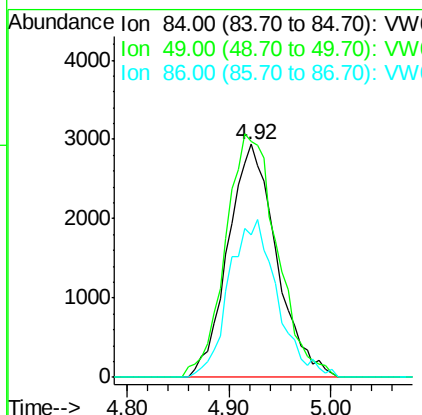
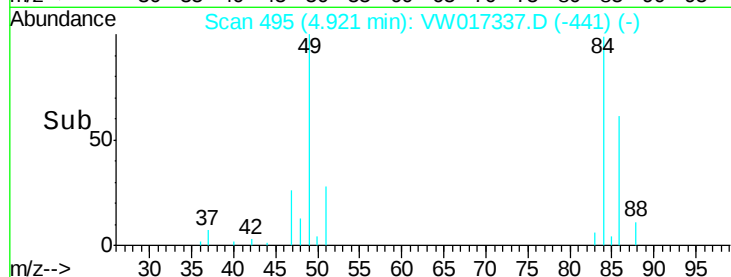
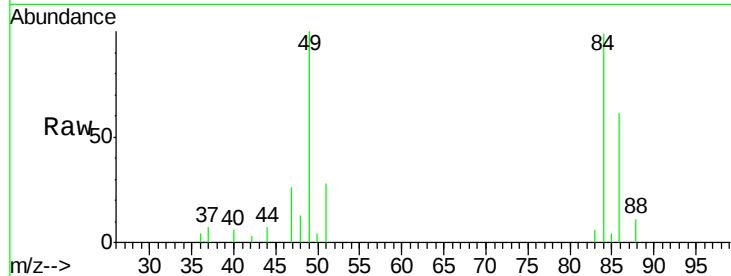
#16
Methvlene chloride
Concen: 1.473 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017337.D
Acq: 18 Nov 2020 19:05

Instrument :
MSVOA_W
ClientSampled :
GB0Z0

Tot Ion: 84 Resp: 9757
Ion Ratio Lower Upper
84 100
49 101.2 71.5 132.9
86 61.3 42.8 79.4

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#21
2-Butanone
Concen: 6.491 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW017337.D
Acq: 18 Nov 2020 19:05

Tgt Ion: 43 Resp: 6833
Ion Ratio Lower Upper
43 100
72 25.0 16.4 49.1

