

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017431.D
 Acq On : 20 Nov 2020 21:27
 Operator : SY/VA
 Sample : L4819-04
 Misc : 5.30G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ4

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 12:52:22 PM

Quant Time: Nov 21 02:53:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 21 02:27:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	328057	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	262672	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	97258	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94043	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
7) Chloroethane-d5	2.89	69	81531	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.52%
10) 1,1-Dichloroethene-d2	4.01	63	128290	15.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.40%
20) 2-Butanone-d5	7.07	46	29767	37.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.64%
24) Chloroform-d	7.65	84	183733	21.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.28%
26) 1,2-Dichloroethane-d4	8.31	65	95851	23.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.08%
29) Benzene-d6	8.27	84	352007	23.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.08%
33) 1,2-Dichloropropane-d6	9.27	67	99453	25.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.84%
37) Toluene-d8	10.32	98	315015	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.40%
38) trans-1,3-Dichloropropene-	10.58	79	33738	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.56%
39) 2-Hexanone-d5	10.93	63	22021	41.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73975	24.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	81244	22.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.52%

Target Compounds					Ovalue
13) Acetone	4.13	43	2712	4.660 ug/L	75
15) Methyl Acetate	4.68	43	1593m	1.250 ug/L	
16) Methylene chloride	4.92	84	8482	1.512 ug/L	94
43) 4-Methyl-2-pentanone	10.21	43	1543	0.926 ug/L	96

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

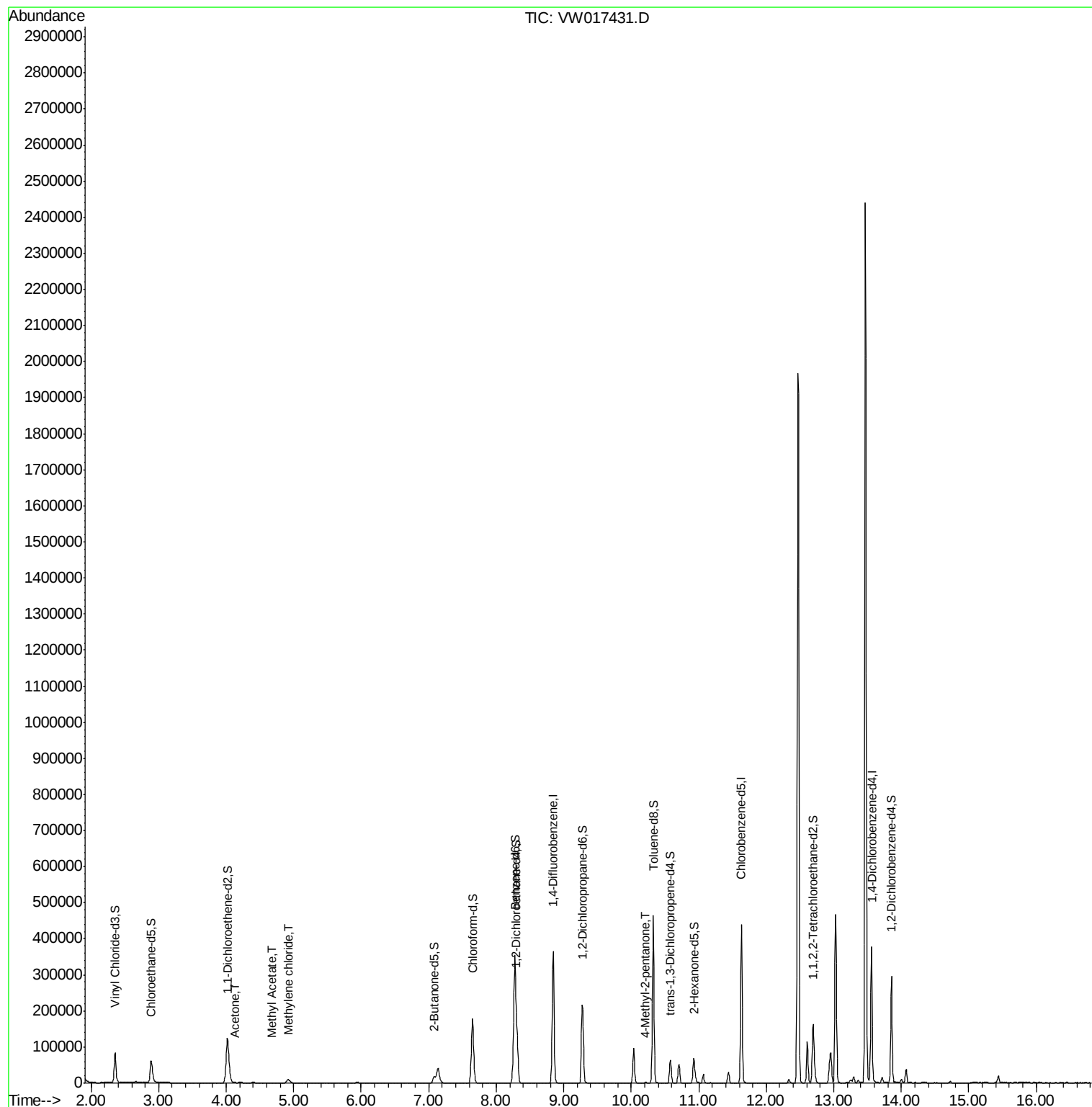
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112020\
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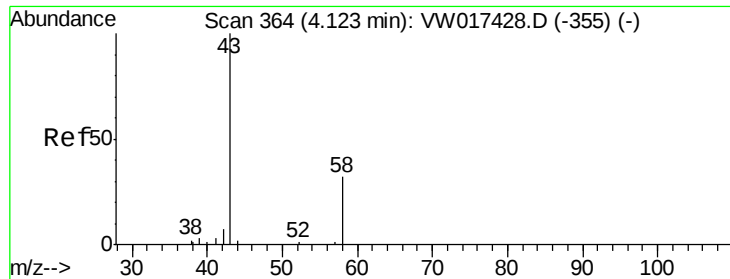
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.660 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017431.D

Acq: 20 Nov 2020 21:27

Instrument :

MSVOA_W

ClientSampled :

C0AZ4

Tot Ion: 43 Resp: 2712

Ion Ratio Lower Upper

43 100

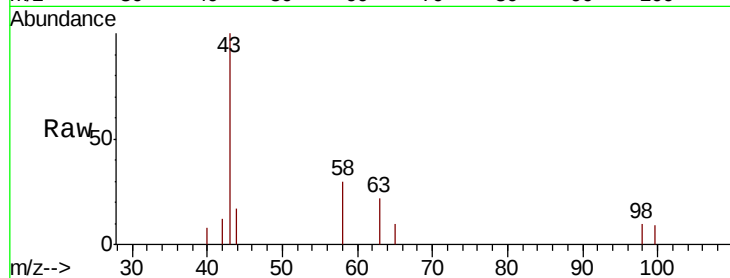
58 19.2 0.0 67.0

Manual Integrations

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11/23/2020 12:52:22 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

600

400

200

0

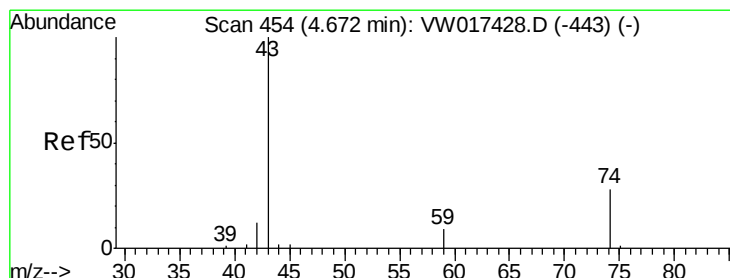
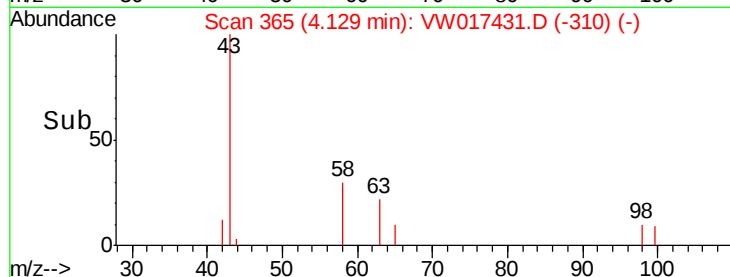
4.05

4.10

4.15

4.20

Time-->



#15

Methyl Acetate

Concen: 1.250 ug/L m

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW017431.D

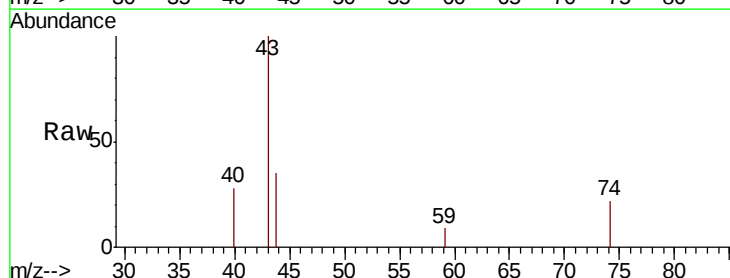
Acq: 20 Nov 2020 21:27

Tgt Ion: 43 Resp: 1593

Ion Ratio Lower Upper

43 100

74 12.3 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

600

400

200

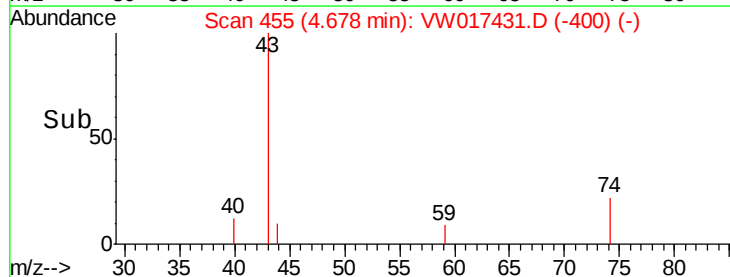
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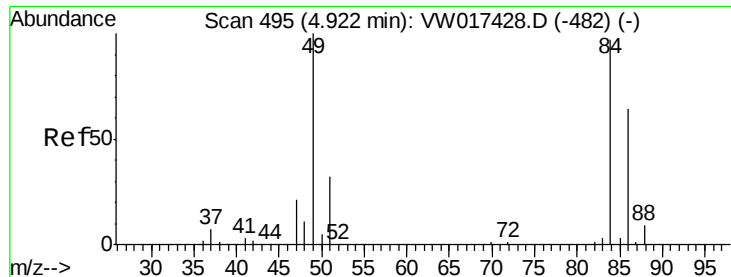
4.60

4.65

4.70

Time-->





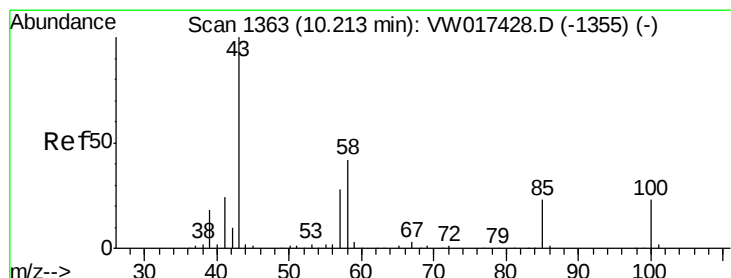
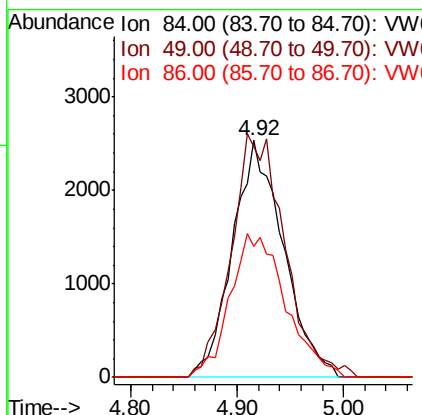
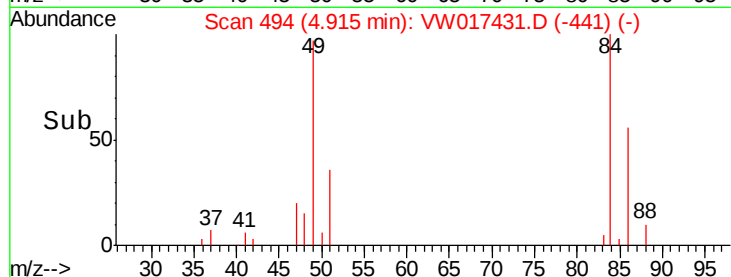
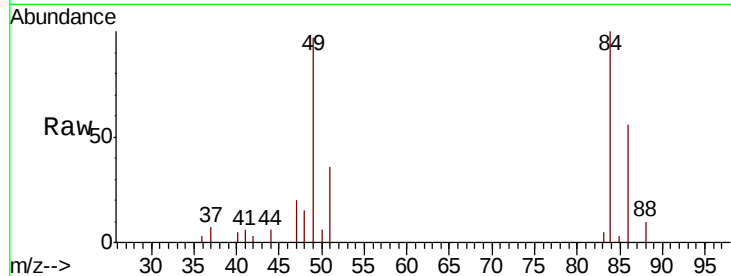
#16
Methylene chloride
Concen: 1.512 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017431.D
Acq: 20 Nov 2020 21:27

Instrument :
MSVOA_W
ClientSampleId :
C0AZ4

Tot Ion	Ratio	Lower	Upper
84	100		
49	97.3	71.5	132.9
86	55.5	42.8	79.4

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#43
4-Methyl-2-pentanone
Concen: 0.926 ug/L
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW017431.D
Acq: 20 Nov 2020 21:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	33.4	50.2
100	17.7	16.3	24.5

