

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017473.D
 Acq On : 24 Nov 2020 15:34
 Operator : SY/VA
 Sample : L4819-03
 Misc : 5.32G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ3

Manual Integrations
 APPROVED

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Quant Time: Nov 25 02:08:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 01:45:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	251089	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	229411	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	107995	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	78661	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.28%
7) Chloroethane-d5	2.89	69	64724	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.88%
10) 1,1-Dichloroethene-d2	4.01	63	130524	17.75	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.00%
20) 2-Butanone-d5	7.08	46	35466	50.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.84%
24) Chloroform-d	7.65	84	167975	23.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	8.31	65	88932	25.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.64%
29) Benzene-d6	8.27	84	329115	23.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.32%
33) 1,2-Dichloropropane-d6	9.27	67	94700	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.04%
37) Toluene-d8	10.32	98	294577	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.72%
38) trans-1,3-Dichloropropene-	10.58	79	40553	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.00%
39) 2-Hexanone-d5	10.93	63	23660	48.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69541	24.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	96822	24.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.88%

Target Compounds					Ovalue
13) Acetone	4.14	43	2259m	3.370 ug/L	
16) Methylene chloride	4.92	84	14396	3.819 ug/L	92
43) 4-Methyl-2-pentanone	10.21	43	1439	0.965 ug/L #	79

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

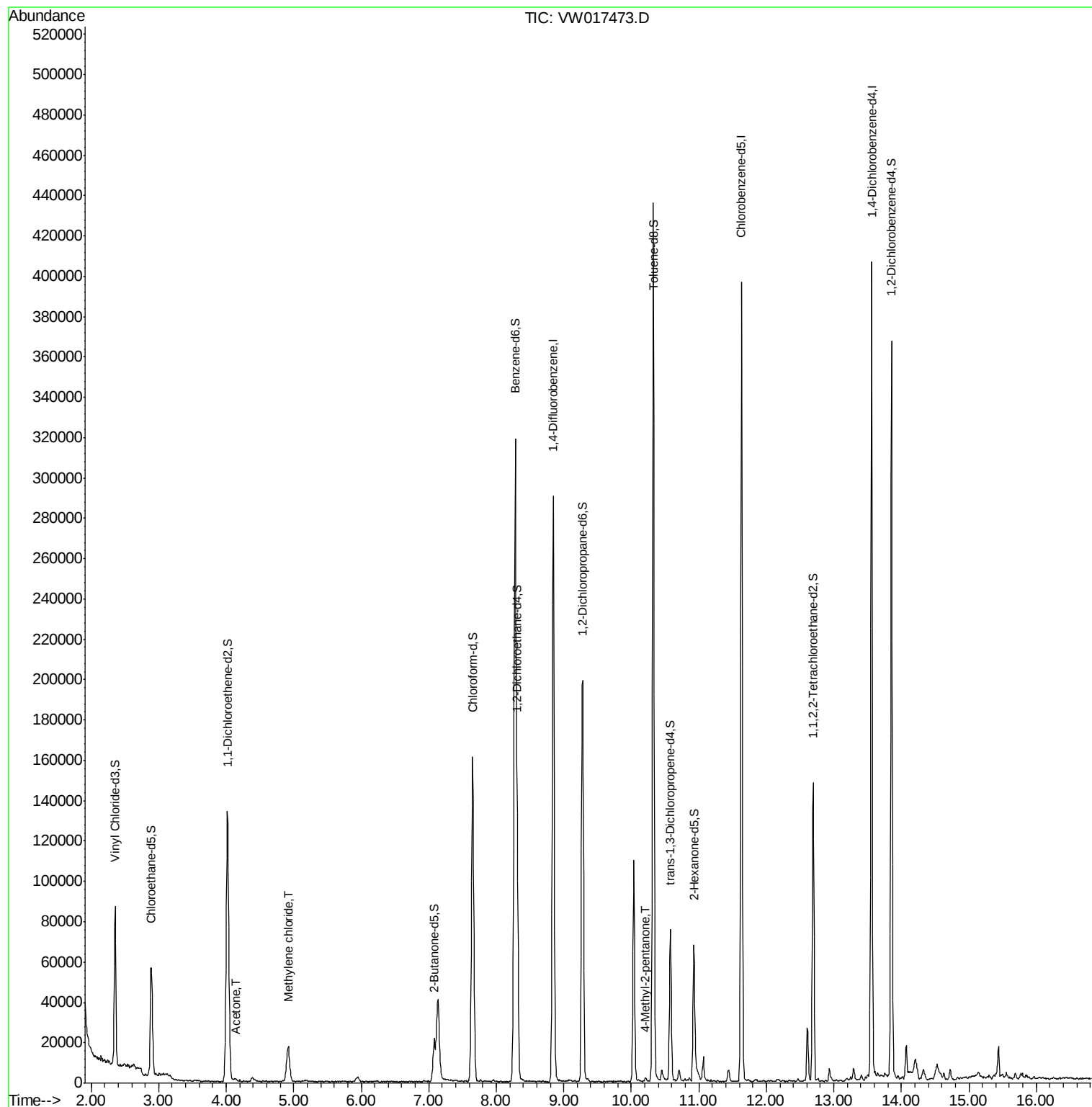
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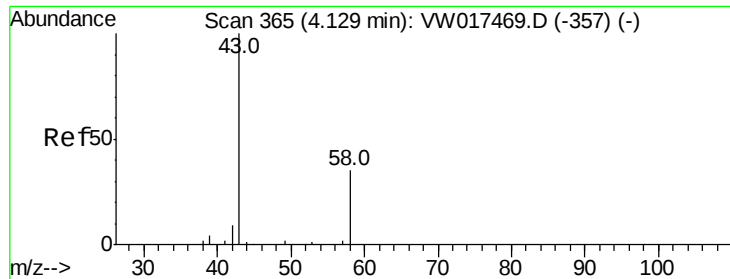
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#13

Acetone

Concen: 3.370 ug/L m

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017473.D

Acq: 24 Nov 2020 15:34

Instrument :

MSVOA_W

ClientSampleId :

C0AZ3

Tot Ion: 43 Resp: 2259

Ion Ratio Lower Upper

43 100

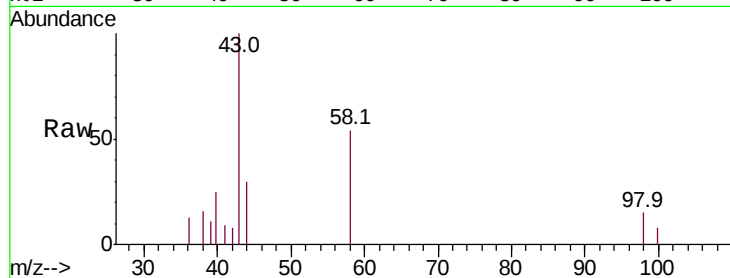
58 6.2 0.0 68.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

600

400

200

0

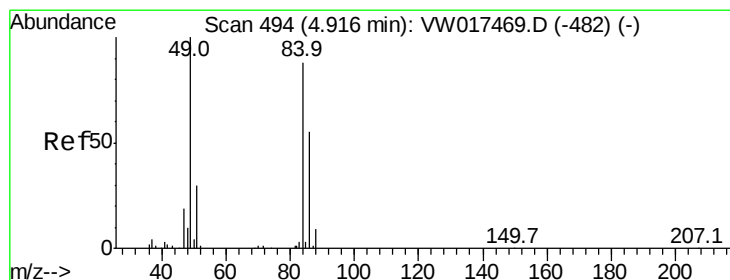
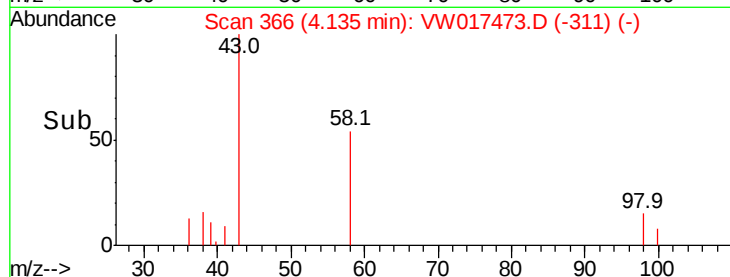
4.05

4.10

4.15

4.20

Time-->



#16

Methylene chloride

Concen: 3.819 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017473.D

Acq: 24 Nov 2020 15:34

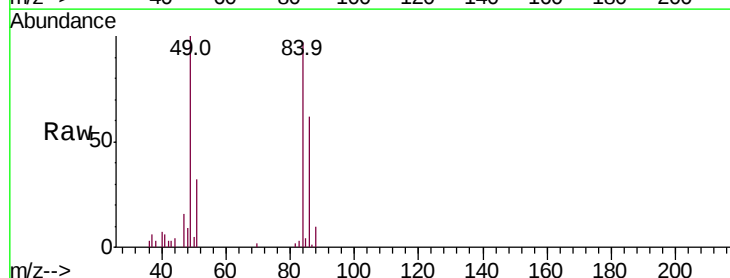
Tgt Ion: 84 Resp: 14396

Ion Ratio Lower Upper

84 100

49 102.8 81.2 150.8

86 63.8 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

6000

4000

2000

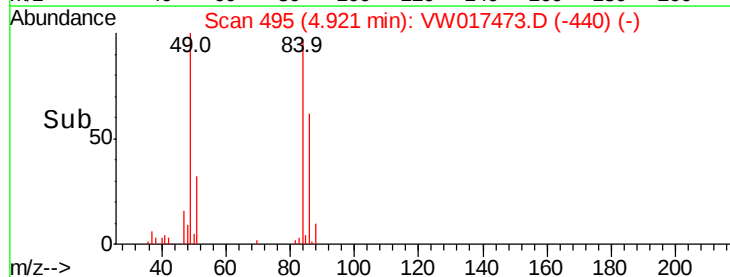
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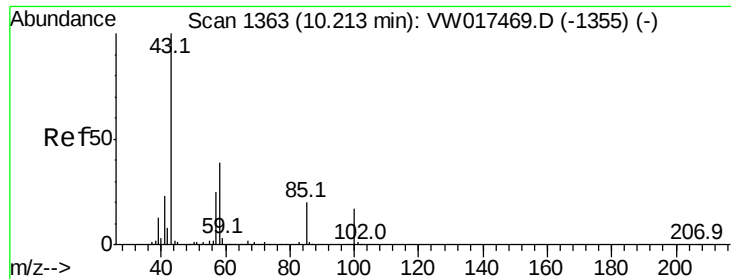
4.80

4.90

5.00

Time-->





#43
 4-Methyl-2-pentanone
 Concen: 0.965 ug/L
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW017473.D
 Acq: 24 Nov 2020 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
43	100		
58	21.3	31.6	47.4#
100	18.8	14.1	21.1

Manual Integrations
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