

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016925.D
 Acq On : 16 Oct 2020 13:36
 Operator : SY/VA
 Sample : L4421-21
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 11:52:45 AM

Quant Time: Oct 17 22:34:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 00:37:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	498696	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456400	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	220531	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108300	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
7) Chloroethane-d5	2.89	69	92801	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.96%
10) 1,1-Dichloroethene-d2	4.02	63	169197	16.20	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.80%
20) 2-Butanone-d5	7.08	46	58499	52.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.00%
24) Chloroform-d	7.65	84	261228	24.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	8.30	65	128902	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%
29) Benzene-d6	8.27	84	522262	25.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.80%
33) 1,2-Dichloropropane-d6	9.27	67	147196	26.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.68%
37) Toluene-d8	10.32	98	491947	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.60%
38) trans-1,3-Dichloropropene-	10.58	79	56941	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.72%
39) 2-Hexanone-d5	10.93	63	47021	54.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119593	26.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	187720	26.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.36%

Target Compounds					Ovalue
13) Acetone	4.15	43	1706m	2.023 ug/L	
16) Methylene chloride	4.92	84	9282	1.349 ug/L	95
47) Tetrachloroethene	10.87	164	2749	0.428 ug/L	87

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

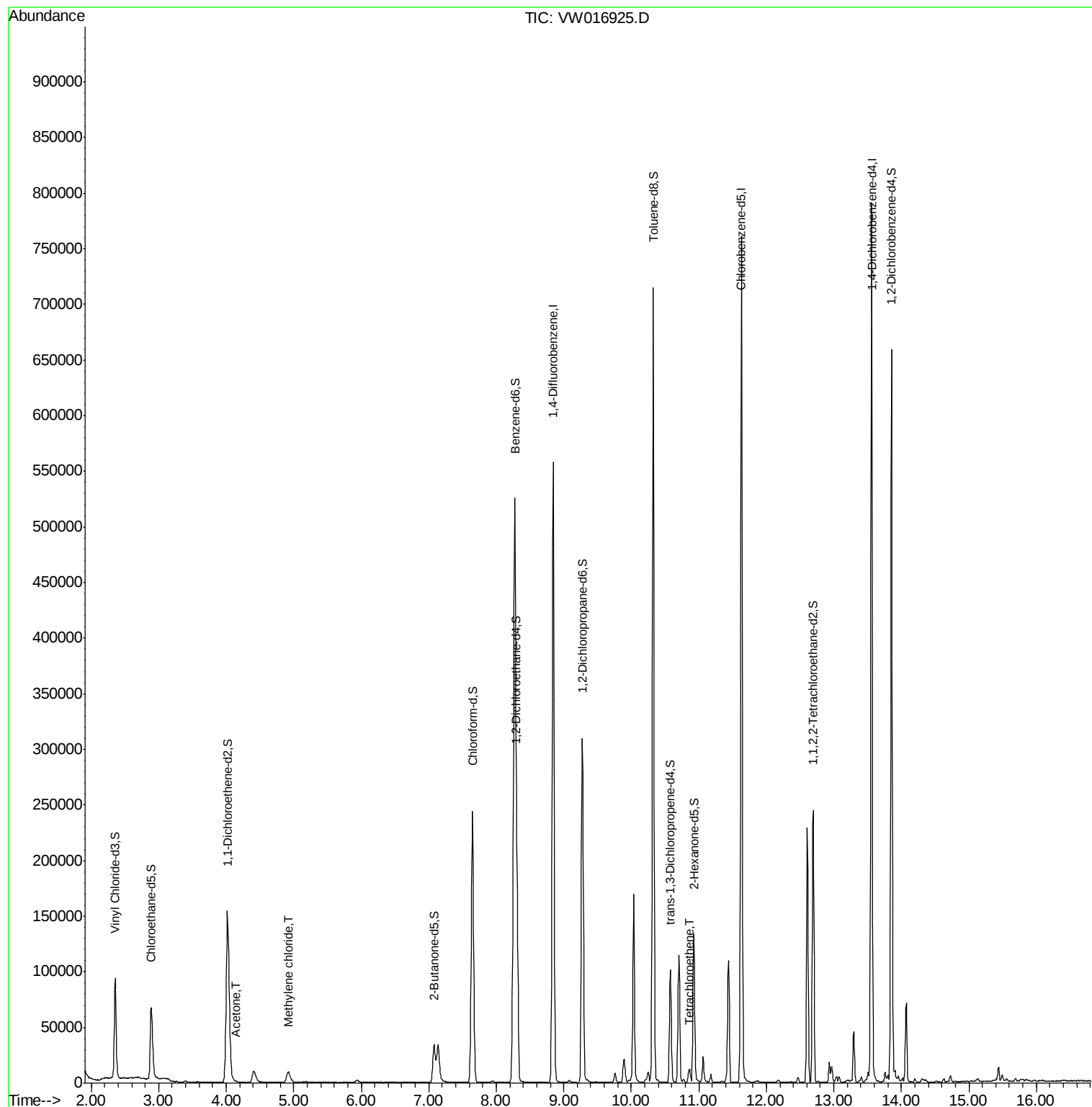
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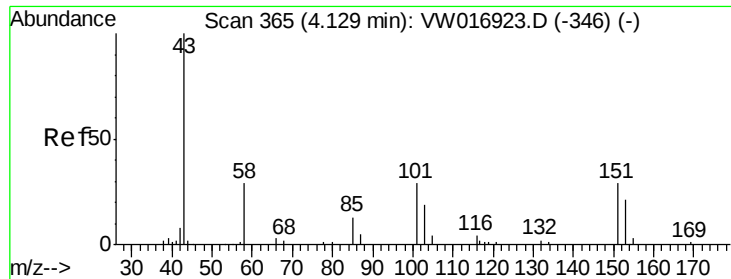
Instrument :
MSVOA_W
ClientSampled :
VHBLK01

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#13

Acetone

Concen: 2.023 ug/L m

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016925.D

Acq: 16 Oct 2020 13:36

Tot Ion: 43 Resp: 1706

Ion Ratio Lower Upper

43 100

58 24.6 0.0 67.6

Instrument :

MSVOA_W

ClientSampleId :

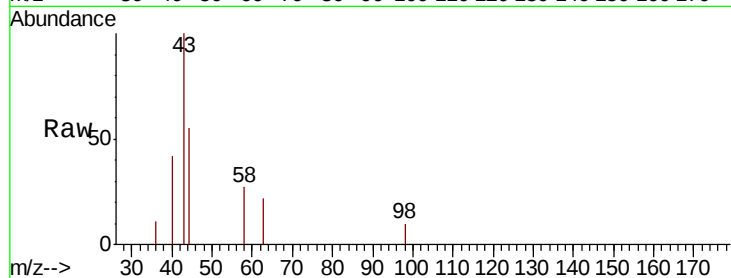
VHBLK01

Manual Integrations

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10/19/2020 11:52:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

600

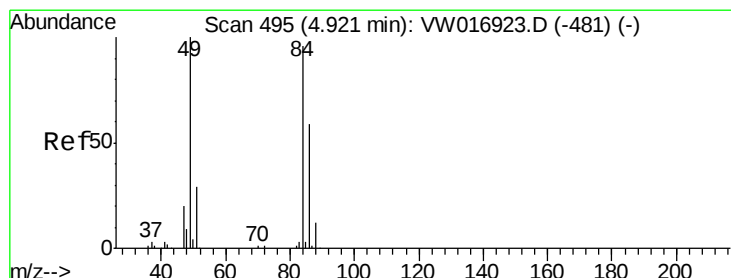
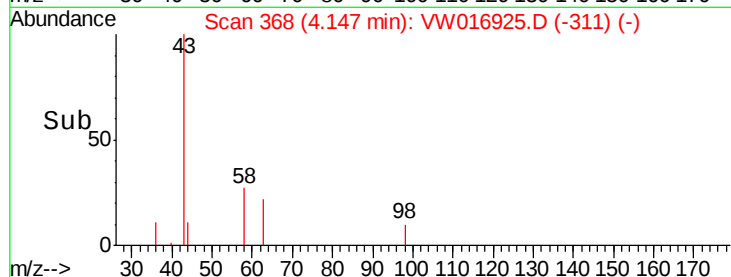
400

200

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 1.349 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW016925.D

Acq: 16 Oct 2020 13:36

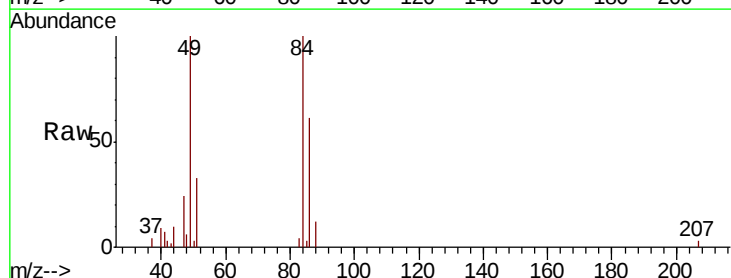
Tgt Ion: 84 Resp: 9282

Ion Ratio Lower Upper

84 100

49 99.6 73.1 135.8

86 61.4 46.0 85.4



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

4.92

3000

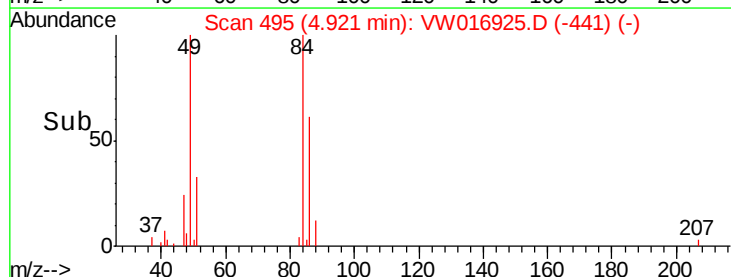
2000

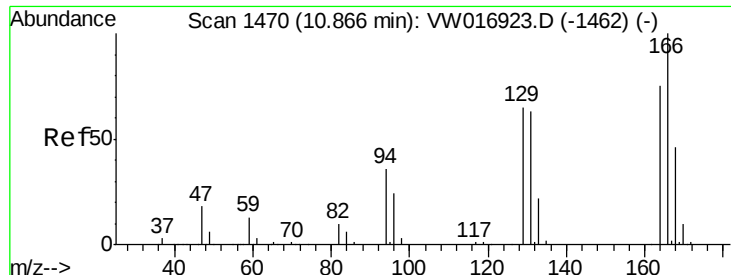
1000

0

4.80 4.90 5.00

Time-->





#47

Tetrachloroethene

Concen: 0.428 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016925.D

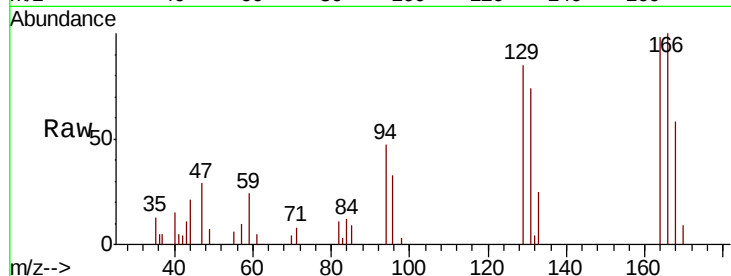
Acq: 16 Oct 2020 13:36

Instrument :

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ClientSampleId :

VHBLK01



Tot Ion:164 Resp: 2749

Ion Ratio Lower Upper

164 100

129 86.4 61.7 114.7

131 75.2 59.7 110.9

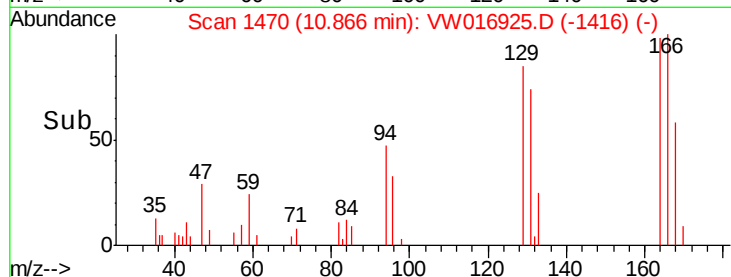
166 101.9 88.3 164.1

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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

