

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017739.D
 Acq On : 24 Dec 2020 16:24
 Operator : SY/VA
 Sample : L5173-06
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4R2

Manual Integrations
 APPROVED

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 12/26/2020 1:37:42 PM

Quant Time: Dec 25 08:07:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	391414	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358472	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155919	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118929	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.56%
7) Chloroethane-d5	2.89	69	107552	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
10) 1,1-Dichloroethene-d2	4.02	63	156628	14.84	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.36%
20) 2-Butanone-d5	7.07	46	55196	56.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.46%
24) Chloroform-d	7.65	84	227966	22.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.16%
26) 1,2-Dichloroethane-d4	8.31	65	129122	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.56%
29) Benzene-d6	8.27	84	443333	21.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.80%
33) 1,2-Dichloropropane-d6	9.27	67	130561	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.84%
37) Toluene-d8	10.32	98	398785	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.24%
38) trans-1,3-Dichloropropene-	10.58	79	51818	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.56%
39) 2-Hexanone-d5	10.93	63	40012	57.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101916	24.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	127258	23.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.76%

Target Compounds					Ovalue
13) Acetone	4.13	43	2960	3.492 ug/L	85
16) Methylene chloride	4.93	84	6084m	1.087 ug/L	
47) Tetrachloroethene	10.87	164	118208	26.650 ug/L	96

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

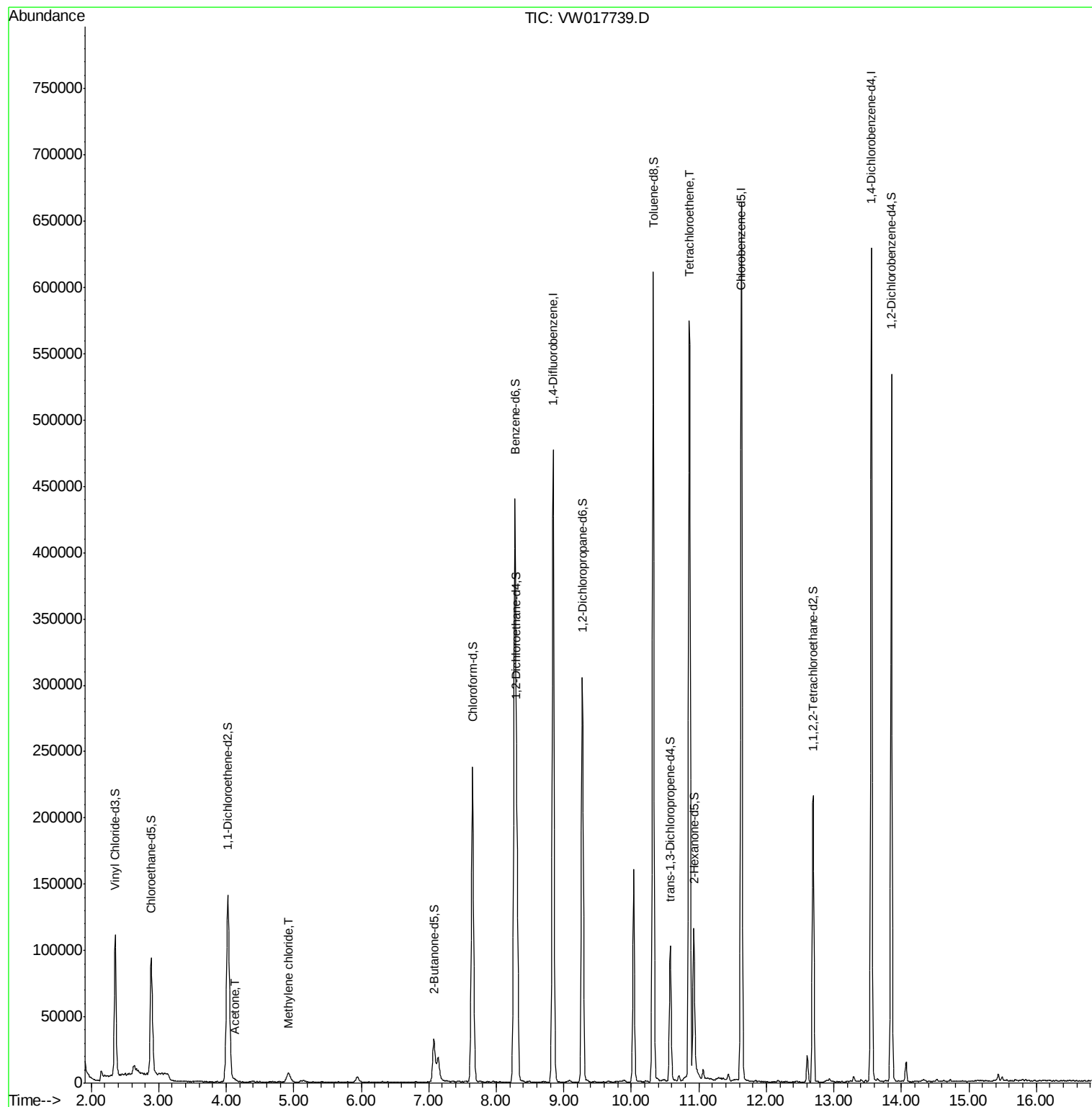
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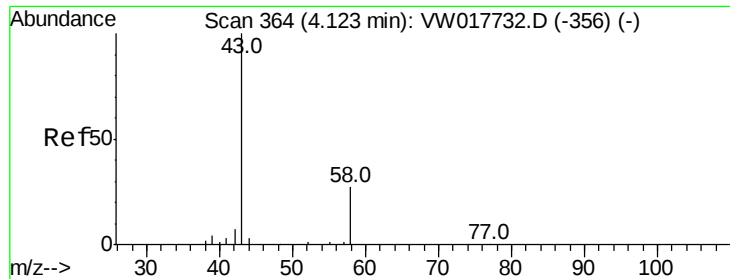
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QLast Update : Fri Dec 25 07:46:43 2020
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#13

Acetone

Concen: 3.492 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017739.D

Acq: 24 Dec 2020 16:24

Instrument :

MSVOA_W

ClientSampled :

BG4R2

Tot Ion: 43 Resp: 2960

Ion Ratio Lower Upper

43 100

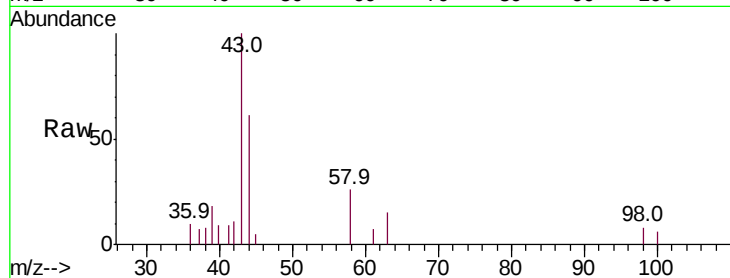
58 22.1 0.0 60.8

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

1200

1000

800

600

400

200

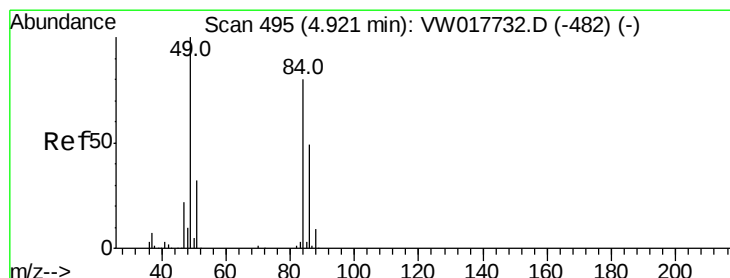
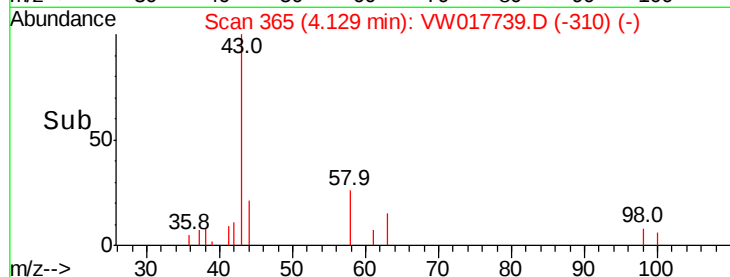
0

4.05

4.10

4.15

Time-->



#16

Methylene chloride

Concen: 1.087 ug/L m

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW017739.D

Acq: 24 Dec 2020 16:24

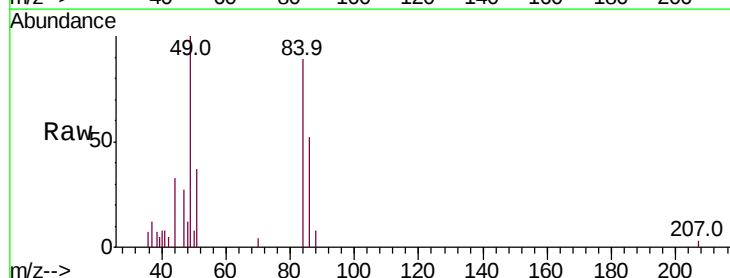
Tgt Ion: 84 Resp: 6084

Ion Ratio Lower Upper

84 100

49 112.4 90.5 168.1

86 58.9 44.8 83.2



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

2500

2000

1500

1000

500

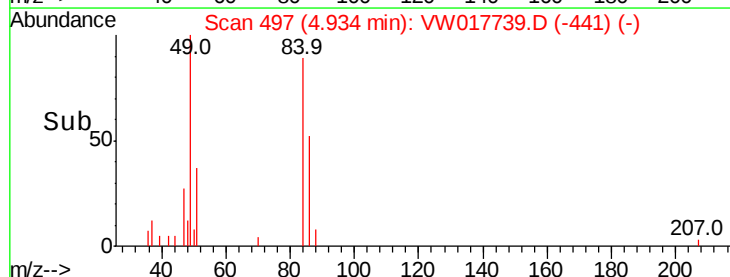
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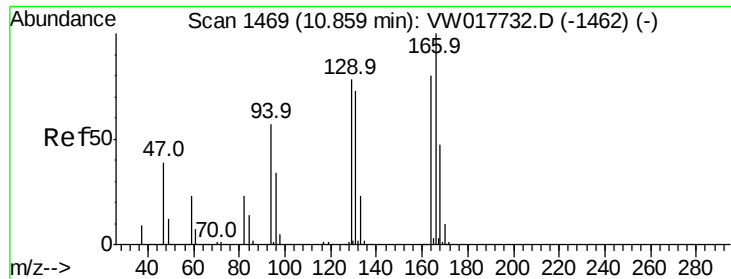
4.80

4.90

5.00

Time-->





#47
Tetrachloroethene
Concen: 26.650 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
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Tot Ion	Ratio	Resp	Lower	Upper
164	100			
129	94.0	62.9	116.9	
131	96.7	63.8	118.6	
166	128.3	87.4	162.2	

Manual Integrations
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