

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016746.D
 Acq On : 01 Oct 2020 18:26
 Operator : SY/VA
 Sample : L4203-16
 Misc : 5.64G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T0

Quant Time: Oct 01 22:43:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	613222	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	543470	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	259569	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	97501	16.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.72%
7) Chloroethane-d5	2.91	69	93995	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
10) 1,1-Dichloroethene-d2	4.03	63	163475	12.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.28%
20) 2-Butanone-d5	7.09	46	53053	32.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.56%
24) Chloroform-d	7.65	84	280933	21.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	8.31	65	132632	20.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.56%
29) Benzene-d6	8.28	84	538588	22.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.40%
33) 1,2-Dichloropropane-d6	9.28	67	152881	23.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.60%
37) Toluene-d8	10.33	98	503418	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.96%
38) trans-1,3-Dichloropropene-	10.59	79	55554	16.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.72%
39) 2-Hexanone-d5	10.93	63	42428	35.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110583	19.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	192362	23.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.76%

Target Compounds

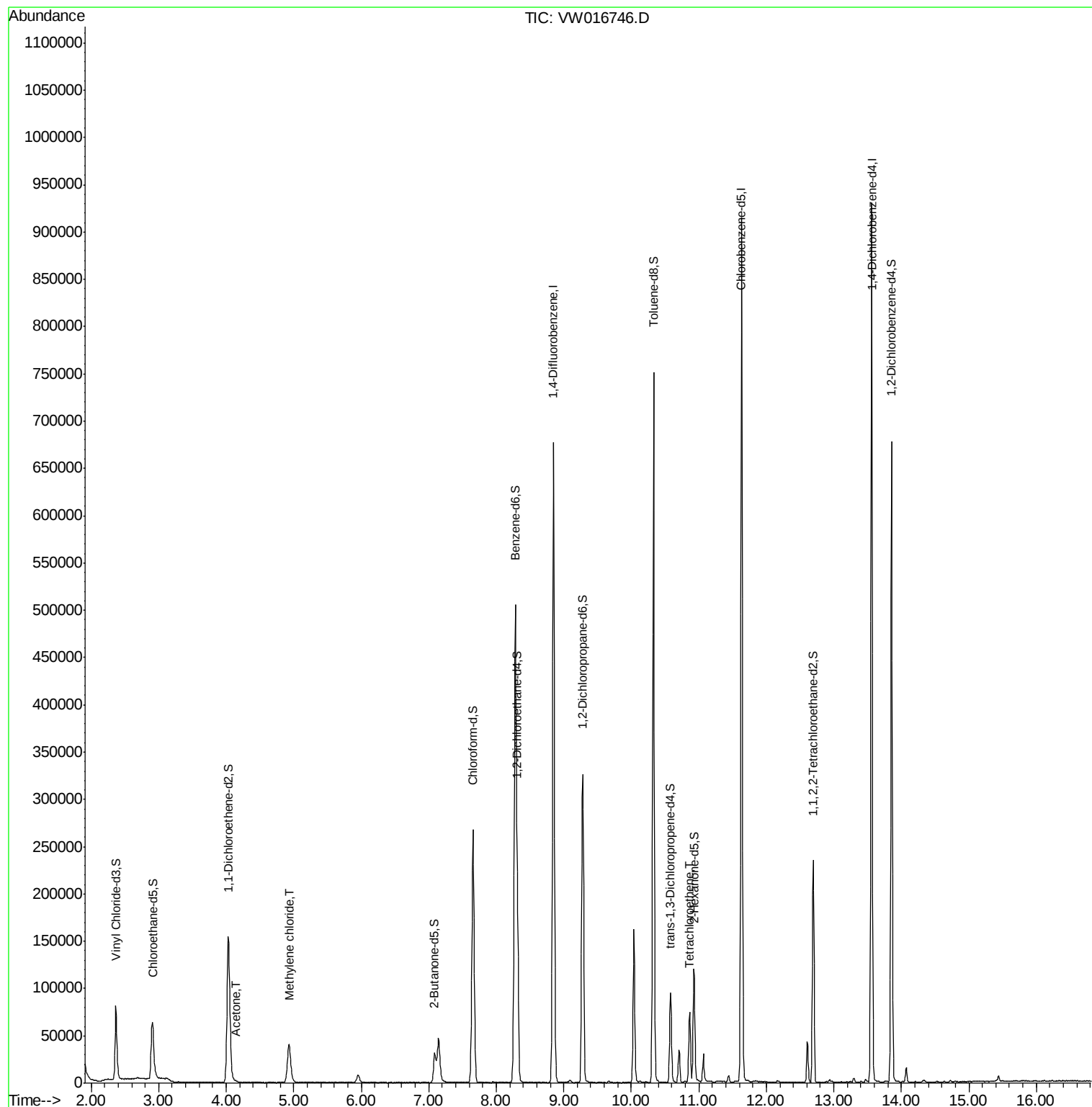
					Ovalue
13) Acetone	4.15	43	1966	1.551 ug/L	72
16) Methylene chloride	4.93	84	37381	3.952 ug/L	94
47) Tetrachloroethene	10.87	164	17882	2.350 ug/L	90

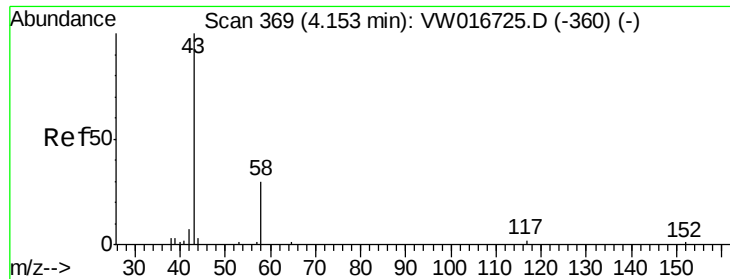
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.551 ug/L

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW016746.D

Acq: 01 Oct 2020 18:26

Instrument :

MSVOA_W

ClientSampled :

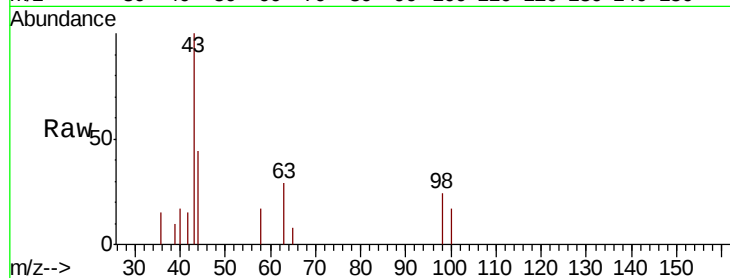
BG3T0

Tot Ion: 43 Resp: 1966

Ion Ratio Lower Upper

43 100

58 14.8 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

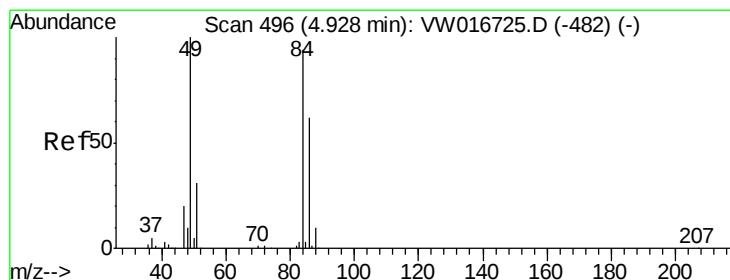
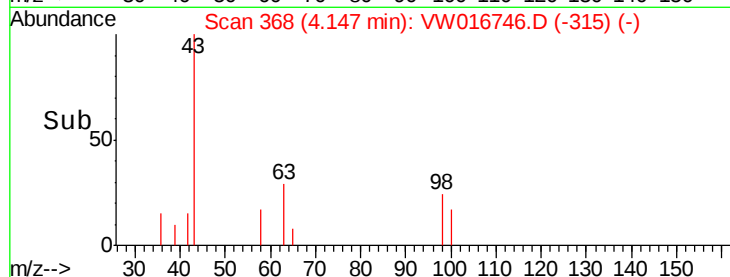
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 3.952 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

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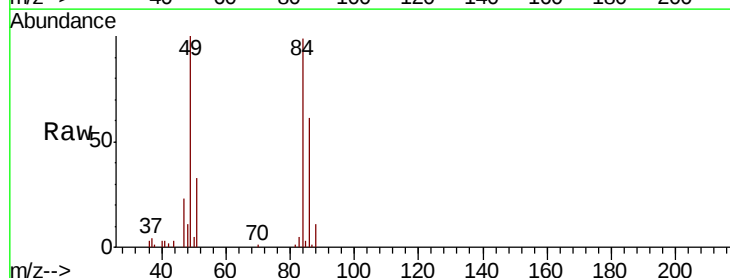
Tgt Ion: 84 Resp: 37381

Ion Ratio Lower Upper

84 100

49 101.5 76.0 141.2

86 62.2 45.6 84.6



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

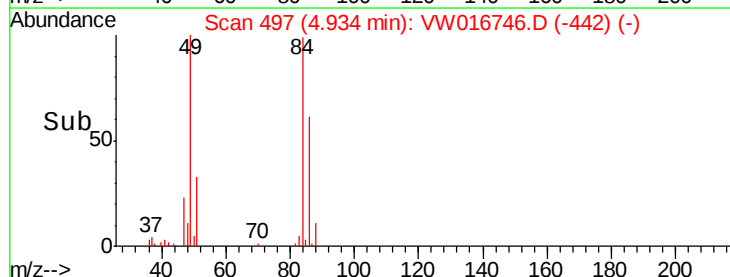
15000

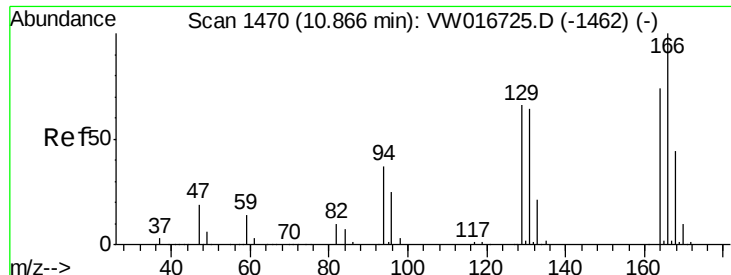
10000

5000

0

Time-->





#47

Tetrachloroethene

Concen: 2.350 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016746.D

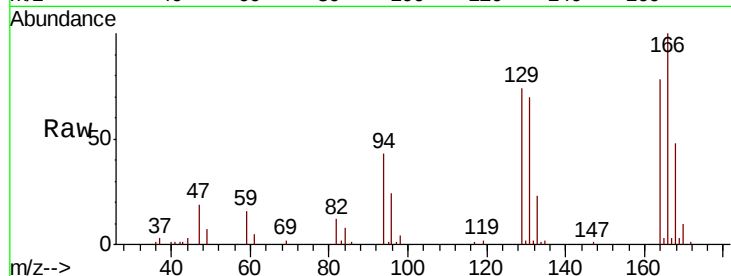
Acq: 01 Oct 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion:164 Resp: 17882

Ion Ratio Lower Upper

164 100

129 95.0 55.6 103.2

131 89.8 57.2 106.2

166 128.6 86.5 160.6

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

