

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101420\
 Data File : VW016892.D
 Acq On : 13 Oct 2020 12:11
 Operator : SY/VA
 Sample : L4382-02
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W6

Quant Time: Oct 14 08:50:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 08:34:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	676719	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	581891	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	277229	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	161247	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.60%
7) Chloroethane-d5	2.89	69	133106	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.08%
10) 1,1-Dichloroethene-d2	4.02	63	240711	16.98	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.92%
20) 2-Butanone-d5	7.08	46	62079	41.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.10%
24) Chloroform-d	7.65	84	334095	23.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	8.31	65	161934	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.92%
29) Benzene-d6	8.27	84	683708	25.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.48%
33) 1,2-Dichloropropane-d6	9.27	67	185411	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.44%
37) Toluene-d8	10.32	98	647909	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.92%
38) trans-1,3-Dichloropropene-	10.58	79	75525	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.44%
39) 2-Hexanone-d5	10.93	63	51661	47.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131445	22.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	230141	26.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.68%

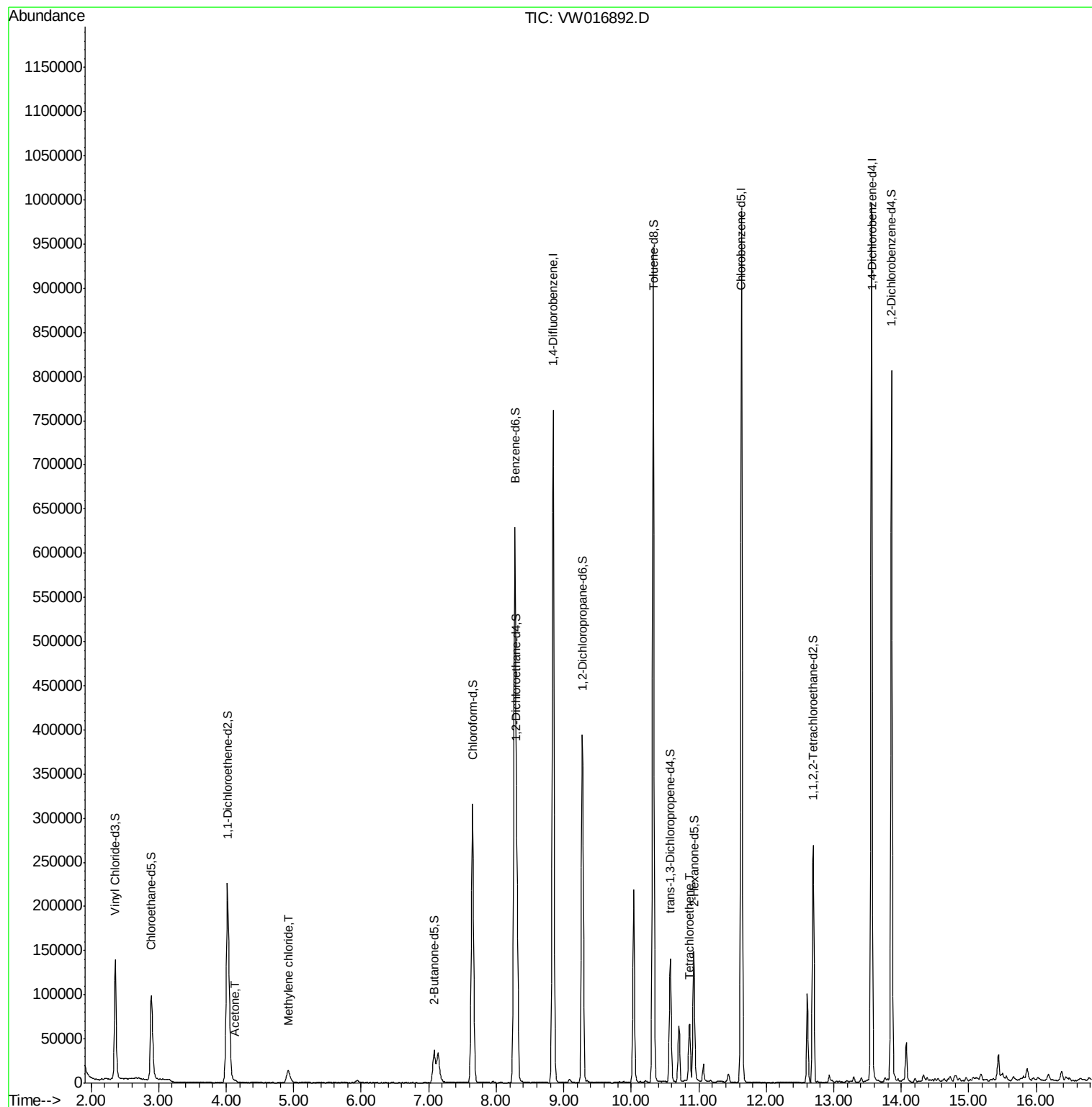
Target Compounds					Ovalue
13) Acetone	4.14	43	4306	3.763 ug/L	96
16) Methylene chloride	4.92	84	13166	1.410 ug/L	96
47) Tetrachloroethene	10.86	164	16421	2.004 ug/L	94

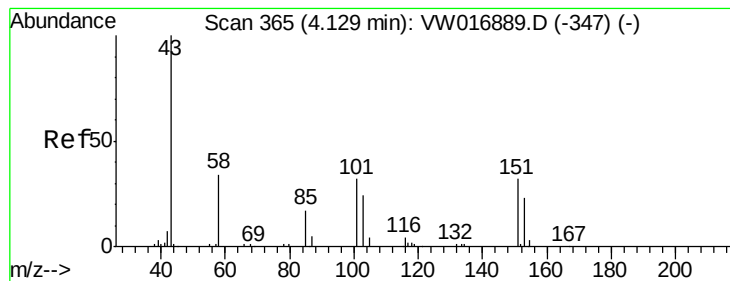
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.763 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016892.D

Acq: 13 Oct 2020 12:11

Instrument :

MSVOA_W

ClientSampled :

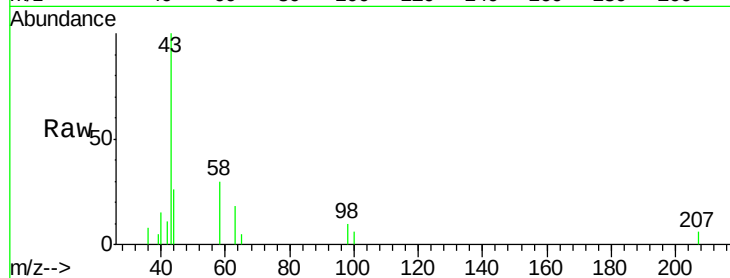
BG3W6

Tot Ion: 43 Resp: 4306

Ion Ratio Lower Upper

43 100

58 31.3 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1500

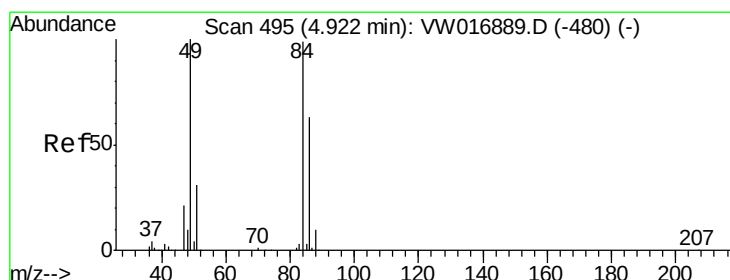
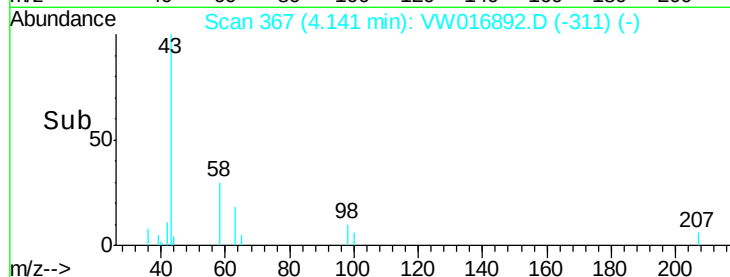
1000

500

0

4.05 4.10 4.15 4.20 4.25

Time-->



#16

Methylene chloride

Concen: 1.410 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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Acq: 13 Oct 2020 12:11

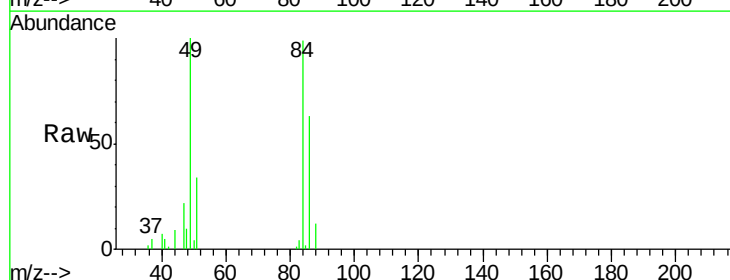
Tgt Ion: 84 Resp: 13166

Ion Ratio Lower Upper

84 100

49 100.6 73.1 135.8

86 63.2 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

5000

4000

3000

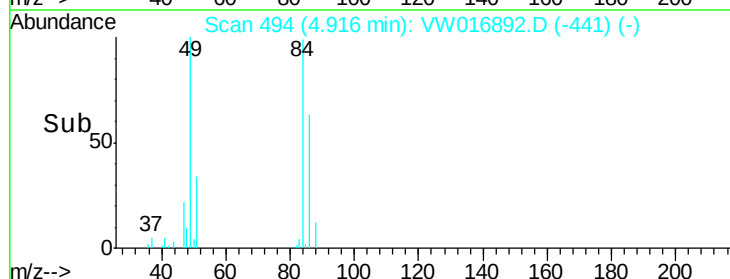
2000

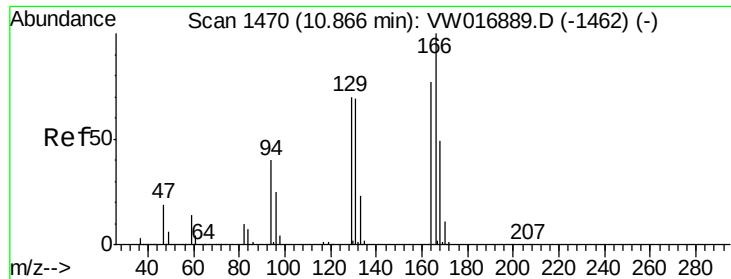
1000

0

4.80 4.85 4.90 4.95 5.00

Time-->





#47

Tetrachloroethene

Concen: 2.004 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW016892.D

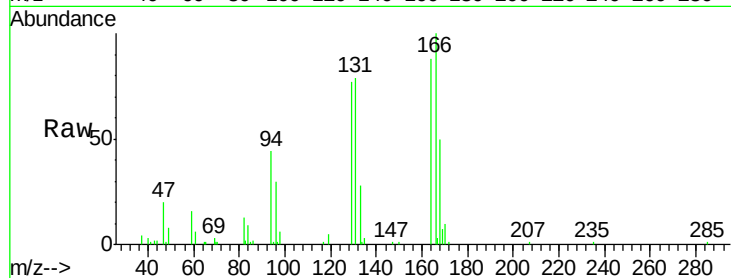
Acq: 13 Oct 2020 12:11

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Tot Ion:164 Resp: 16421

Ion Ratio Lower Upper

164 100

129 88.0 61.7 114.7

131 90.2 59.7 110.9

166 113.7 88.3 164.1

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

