

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017292.D
 Acq On : 17 Nov 2020 17:31
 Operator : SY/VA
 Sample : L4738-01
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X0

Quant Time: Nov 18 04:38:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	380402	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	348138	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153240	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84155	17.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.24%
7) Chloroethane-d5	2.89	69	73553	19.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.68%
10) 1,1-Dichloroethene-d2	4.02	63	125756	14.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.68%
20) 2-Butanone-d5	7.08	46	57856	54.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.00%
24) Chloroform-d	7.65	84	202239	22.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	8.31	65	114854	26.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.04%
29) Benzene-d6	8.27	84	383919	21.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.64%
33) 1,2-Dichloropropane-d6	9.27	67	111509	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.96%
37) Toluene-d8	10.32	98	355419	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.04%
38) trans-1,3-Dichloropropene-	10.58	79	49482	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.52%
39) 2-Hexanone-d5	10.93	63	48581	56.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115239	26.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	130708	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

Target Compounds

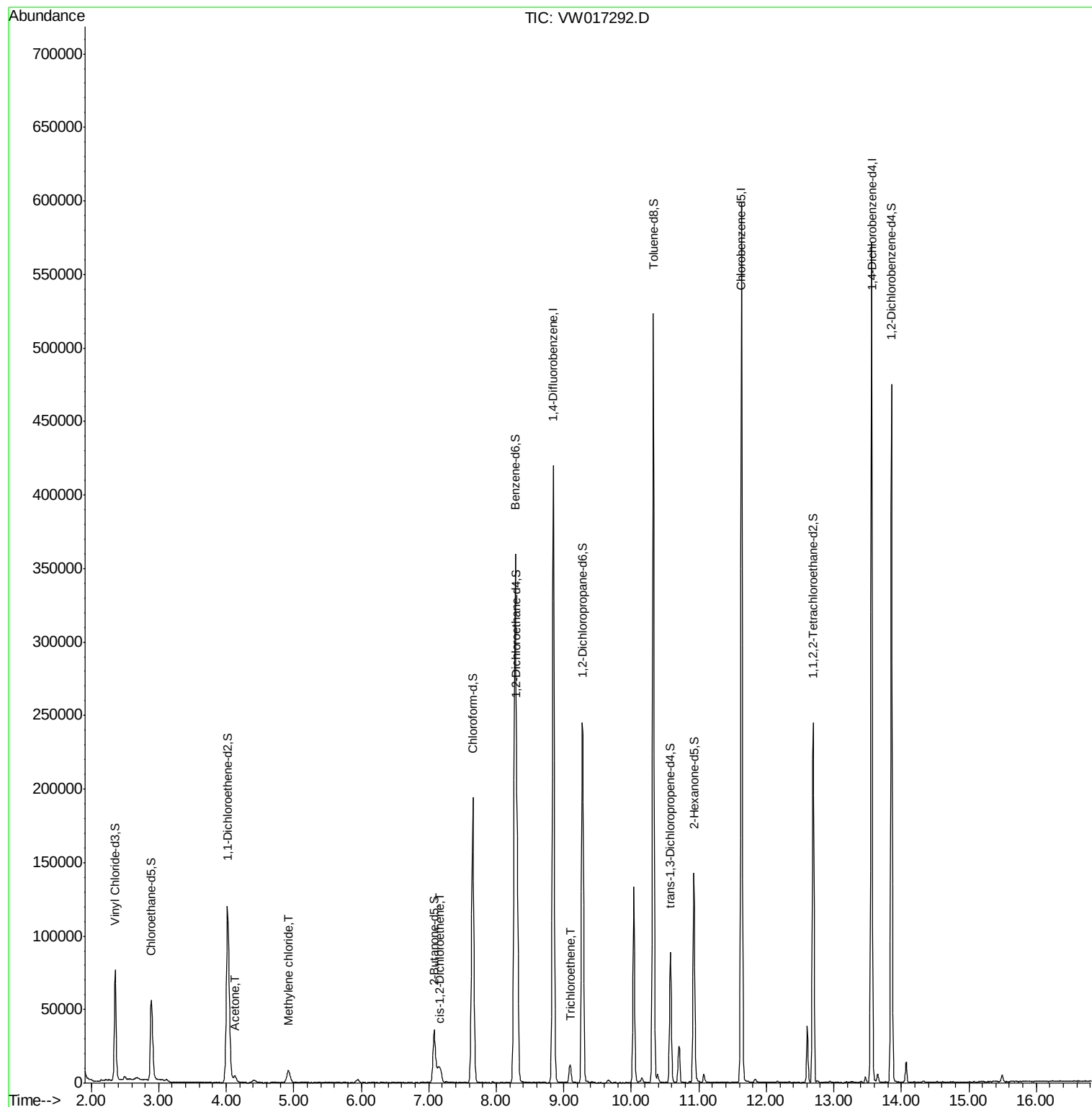
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	8138	11.343	ug/L	67
16) Methylene chloride	4.92	84	7768	1.515	ug/L	87
22) cis-1,2-Dichloroethene	7.17	96	4558	0.882	ug/L	95
35) Trichloroethene	9.09	95	4145	0.809	ug/L	96

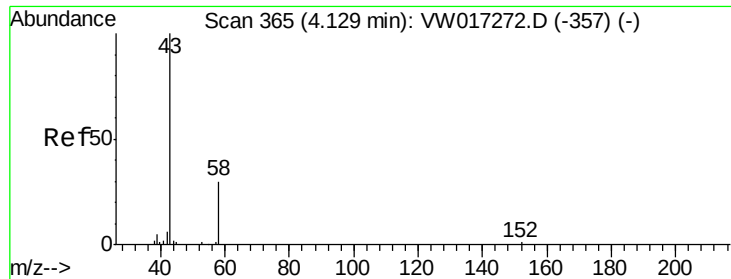
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.343 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017292.D

Acq: 17 Nov 2020 17:31

Instrument :

MSVOA_W

ClientSampled :

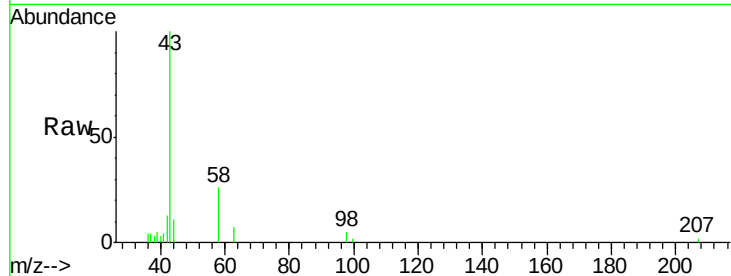
GB0X0

Tot Ion: 43 Resp: 8138

Ion Ratio Lower Upper

43 100

58 15.4 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

3000

2500

2000

1500

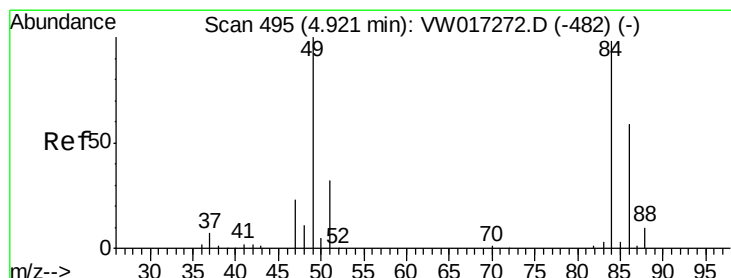
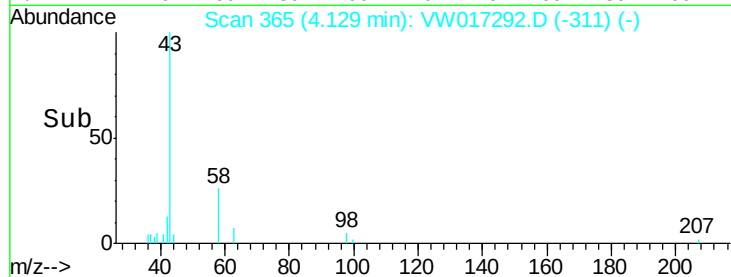
1000

500

0

4.05 4.10 4.15 4.20 4.25

Time-->



#16

Methylene chloride

Concen: 1.515 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017292.D

Acq: 17 Nov 2020 17:31

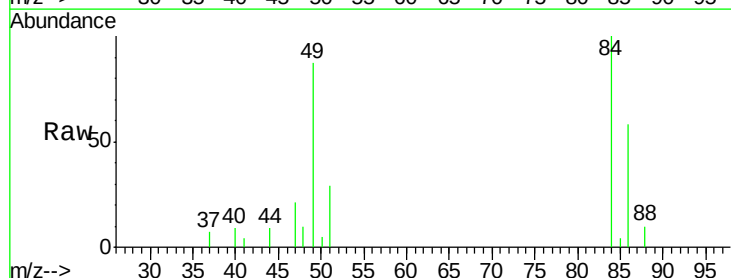
Tgt Ion: 84 Resp: 7768

Ion Ratio Lower Upper

84 100

49 86.6 72.3 134.3

86 57.6 45.1 83.7



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

4.92

3000

2500

2000

1500

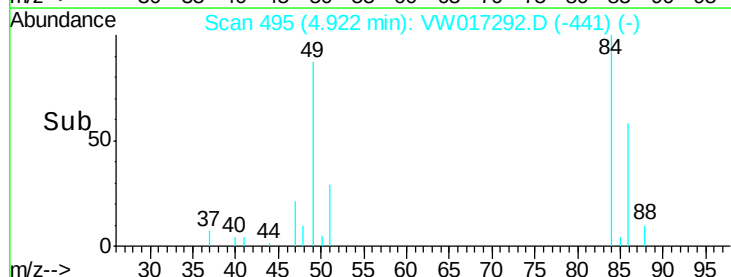
1000

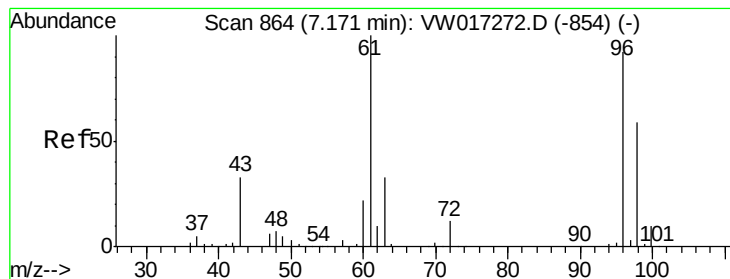
500

0

4.80 4.90 5.00

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.882 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW017292.D

Acq: 17 Nov 2020 17:31

Instrument :

MSVOA_W

ClientSampled :

GB0X0

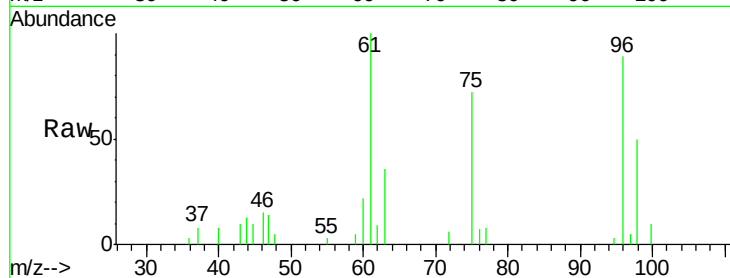
Tot Ion: 96 Resp: 4558

Ion Ratio Lower Upper

96 100

61 112.6 77.4 143.8

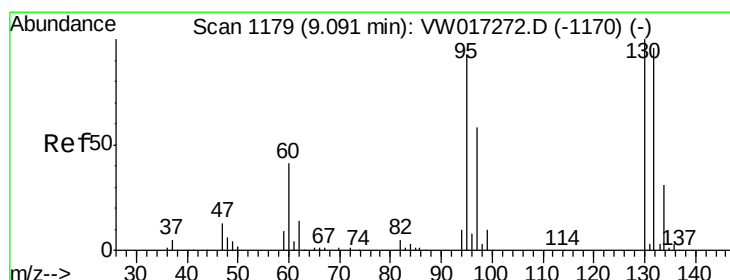
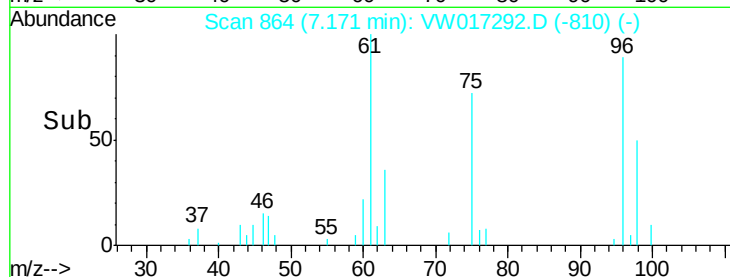
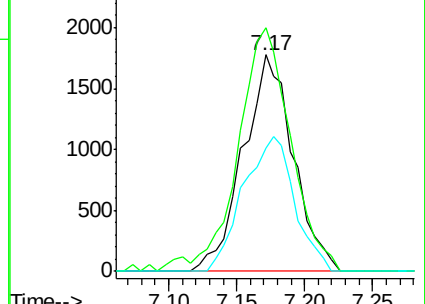
98 56.8 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene

Concen: 0.809 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

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Acq: 17 Nov 2020 17:31

Tgt Ion: 95 Resp: 4145

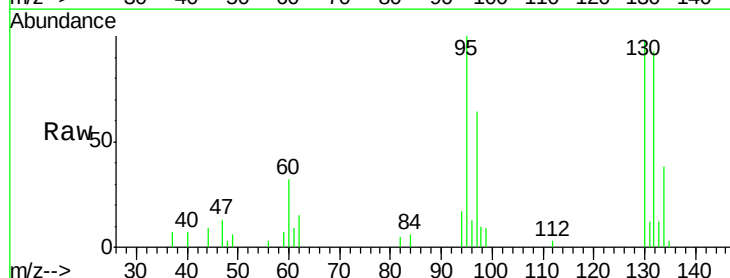
Ion Ratio Lower Upper

95 100

97 64.0 45.0 83.6

132 107.2 73.7 136.9

130 100.2 77.1 143.1



Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

