

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015884.D
 Acq On : 21 Jul 2020 13:32
 Operator : SY/VA
 Sample : L3341-01
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY4

Quant Time: Jul 22 07:02:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 06:22:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	425119	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401282	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178862	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130375	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.92%
7) Chloroethane-d5	2.90	69	101602	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.40%
10) 1,1-Dichloroethene-d2	4.01	63	192226	15.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.40%
20) 2-Butanone-d5	7.09	46	70851	44.96	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.92%
24) Chloroform-d	7.65	84	240736	20.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.64%
26) 1,2-Dichloroethane-d4	8.31	65	145915	22.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.04%
29) Benzene-d6	8.28	84	481208	19.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.80%
33) 1,2-Dichloropropane-d6	9.28	67	147957	20.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.84%
37) Toluene-d8	10.32	98	436369	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.88%
38) trans-1,3-Dichloropropene-	10.58	79	64861	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.12%
39) 2-Hexanone-d5	10.93	63	56166	46.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123610	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	148805	21.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.36%

Target Compounds

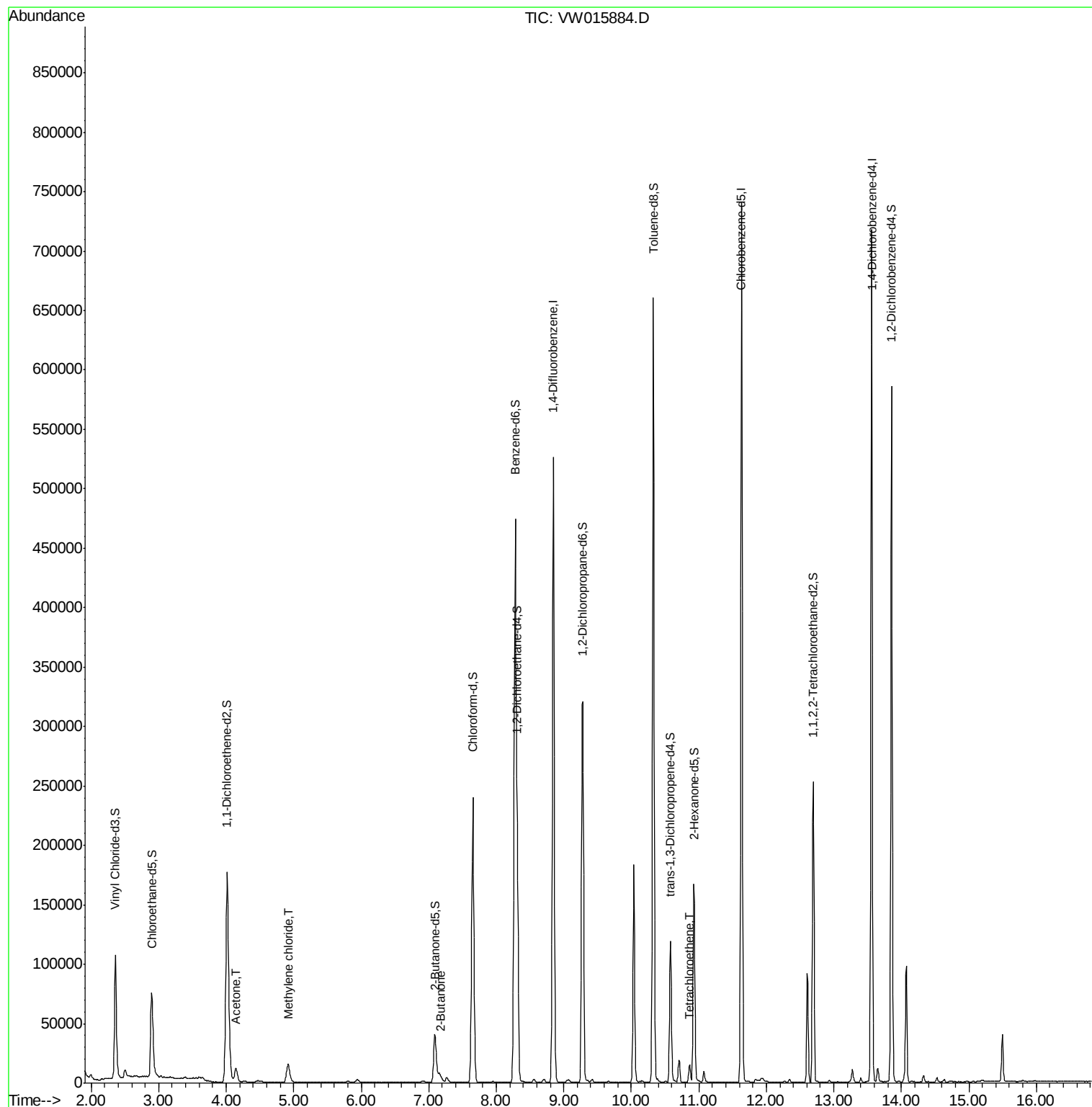
					Ovalue
13) Acetone	4.14	43	21475	16.228 ug/L	99
16) Methylene chloride	4.92	84	12243	1.758 ug/L	99
21) 2-Butanone	7.18	43	3517	2.149 ug/L	87
47) Tetrachloroethene	10.87	164	3317	0.663 ug/L	94

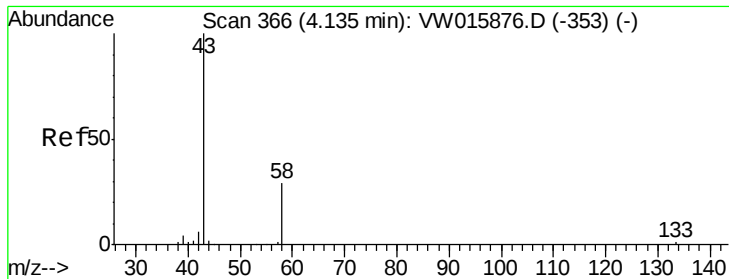
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.228 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015884.D

Acq: 21 Jul 2020 13:32

Instrument :

MSVOA_W

ClientSampled :

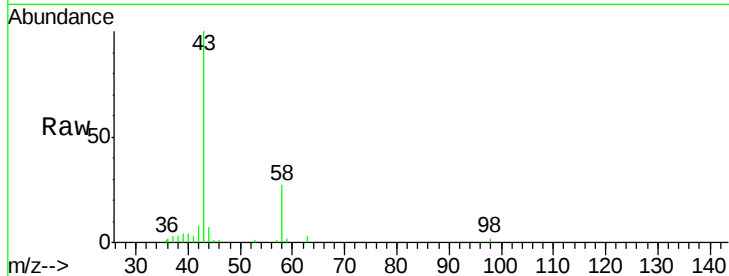
GAXY4

Tot Ion: 43 Resp: 21475

Ion Ratio Lower Upper

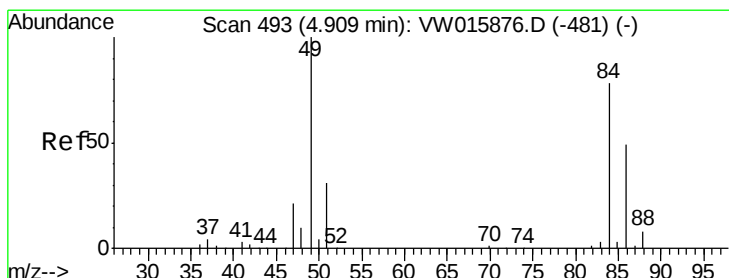
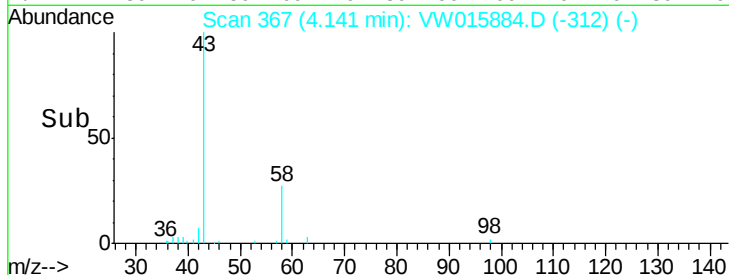
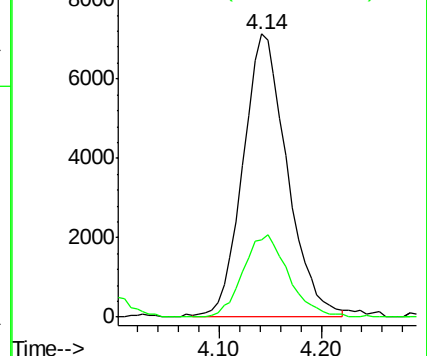
43 100

58 29.6 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.758 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW015884.D

Acq: 21 Jul 2020 13:32

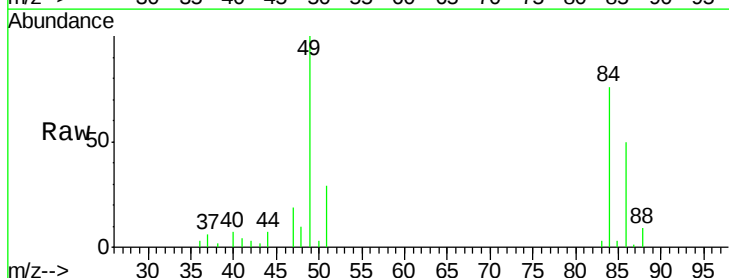
Tgt Ion: 84 Resp: 12243

Ion Ratio Lower Upper

84 100

49 131.5 91.1 169.1

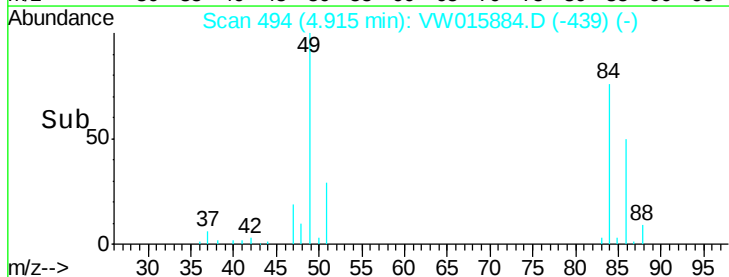
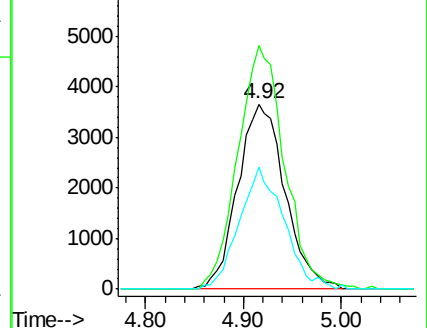
86 65.8 46.0 85.4

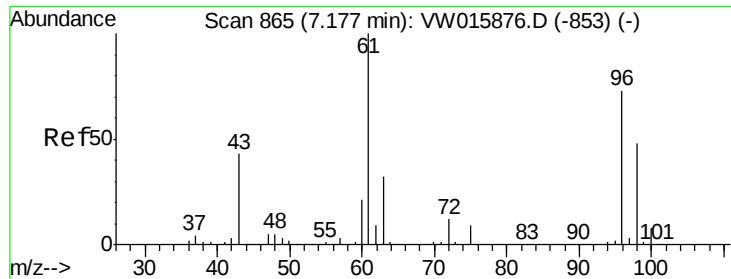


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 2.149 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

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Acq: 21 Jul 2020 13:32

Instrument :

MSVOA_W

ClientSampled :

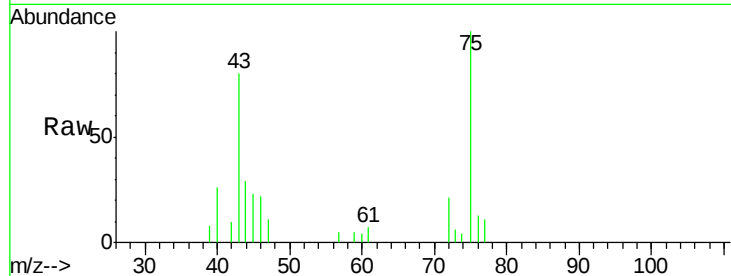
GAXY4

Tot Ion: 43 Resp: 3517

Ion Ratio Lower Upper

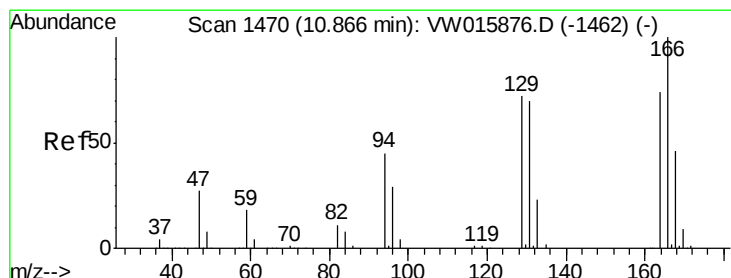
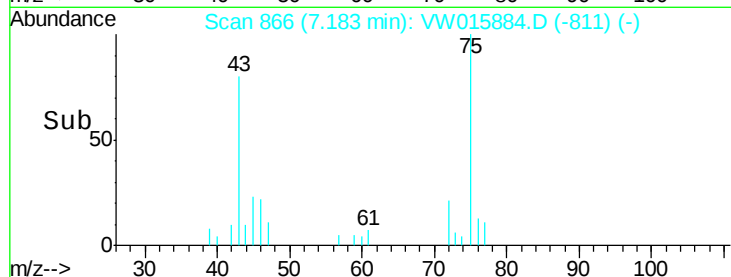
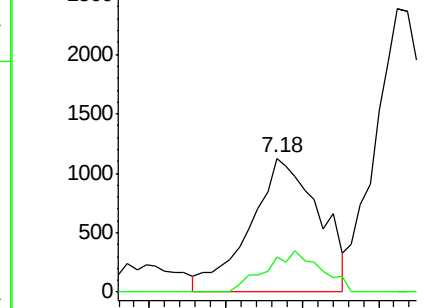
43 100

72 21.0 13.9 41.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#47

Tetrachloroethene

Concen: 0.663 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW015884.D

Acq: 21 Jul 2020 13:32

Tgt Ion:164 Resp: 3317

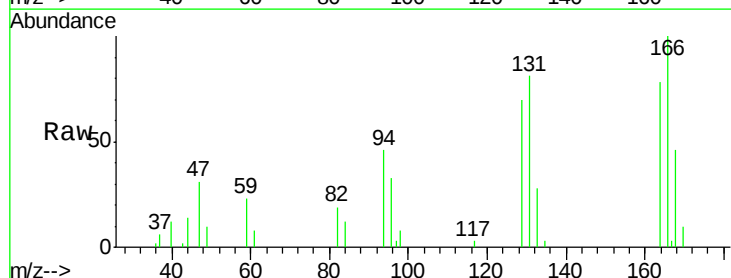
Ion Ratio Lower Upper

164 100

129 88.9 70.0 130.0

131 103.0 67.3 124.9

166 127.7 88.5 164.3



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

