

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072420\
 Data File : VW015947.D
 Acq On : 24 Jul 2020 14:02
 Operator : SY/VA
 Sample : L3419-14
 Misc : 4.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF1

Quant Time: Jul 25 05:52:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	497632	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	420252	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170015	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	139561	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.52%
7) Chloroethane-d5	2.90	69	112904	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.20%
10) 1,1-Dichloroethene-d2	4.01	63	207176	14.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.36%
20) 2-Butanone-d5	7.09	46	47180	25.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.16%
24) Chloroform-d	7.65	84	259562	18.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.28%
26) 1,2-Dichloroethane-d4	8.31	65	137641	17.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.76%
29) Benzene-d6	8.27	84	538095	21.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.16%
33) 1,2-Dichloropropane-d6	9.27	67	161607	21.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.28%
37) Toluene-d8	10.33	98	463217	19.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.96%
38) trans-1,3-Dichloropropene-	10.58	79	52286	16.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.00%
39) 2-Hexanone-d5	10.93	63	35938	28.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105911	17.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	124500	18.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.12%

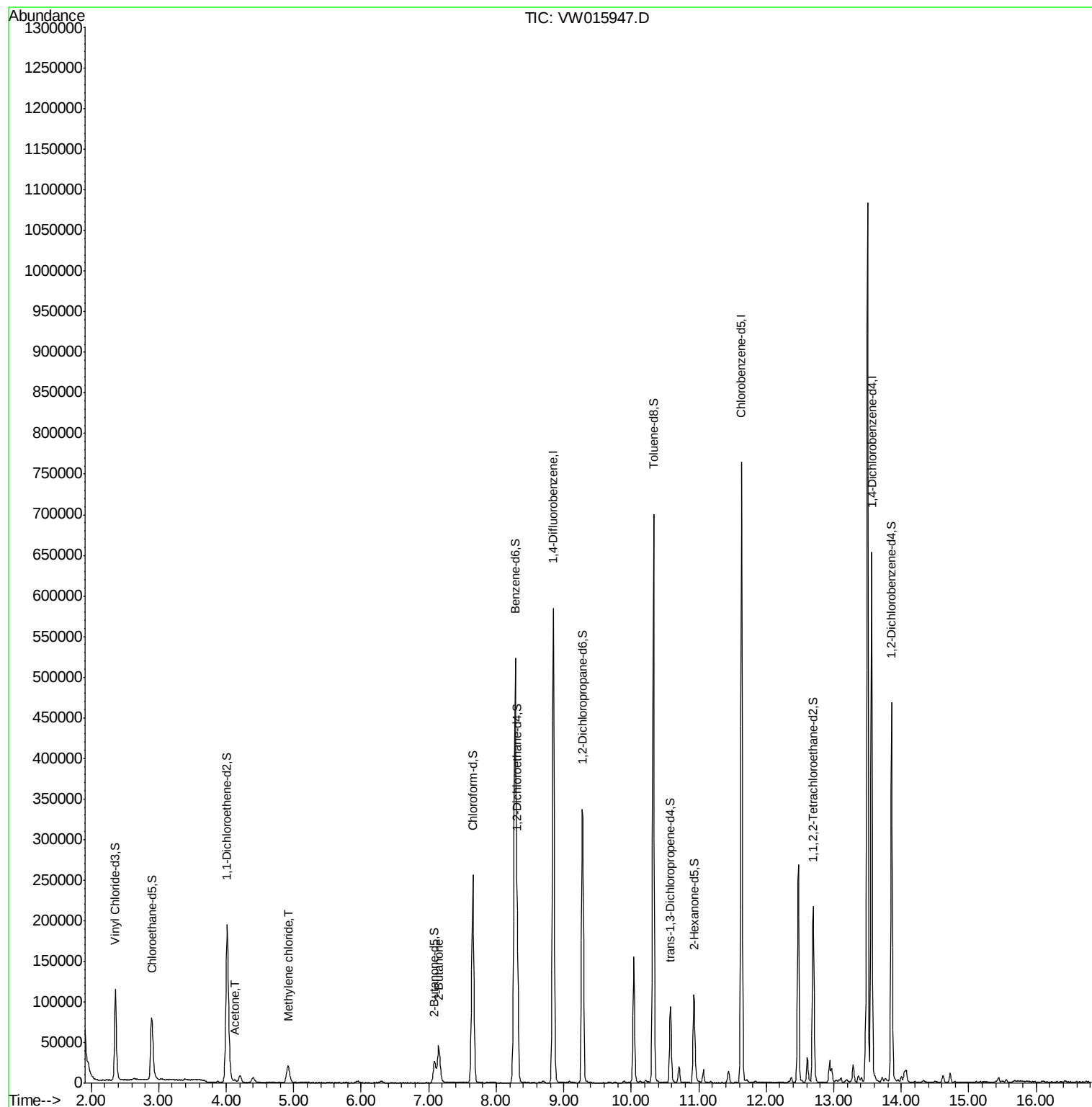
Target Compounds					Qvalue
13) Acetone	4.12	43	4852	3.132 ug/L	96
16) Methylene chloride	4.92	84	16731	2.052 ug/L	88
21) 2-Butanone	7.15	43	7125	3.720 ug/L #	52

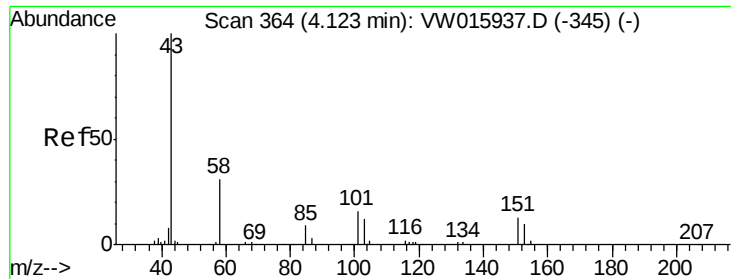
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.132 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015947.D

Acq: 24 Jul 2020 14:02

Instrument :

MSVOA_W

ClientSampled :

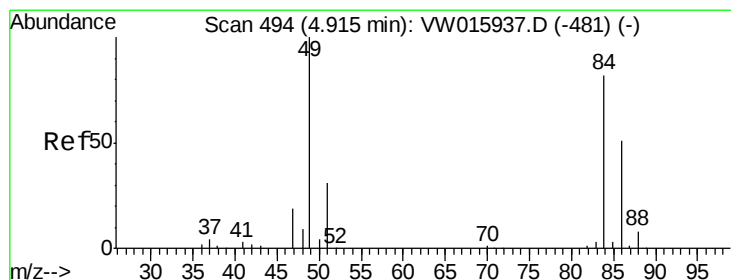
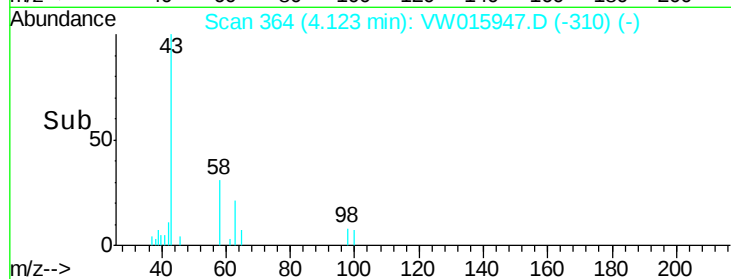
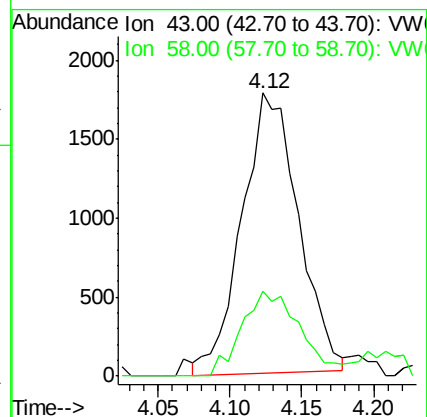
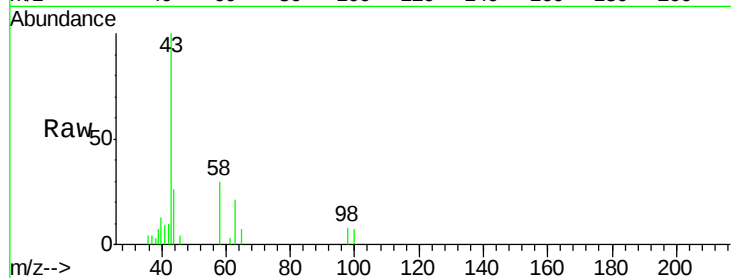
C0AF1

Tgt Ion: 43 Resp: 4852

Ion Ratio Lower Upper

43 100

58 31.3 0.0 58.2



#16

Methylene chloride

Concen: 2.052 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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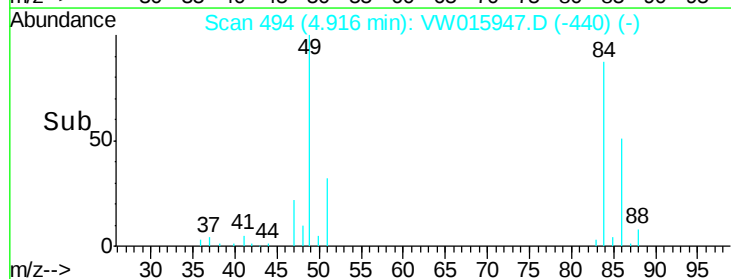
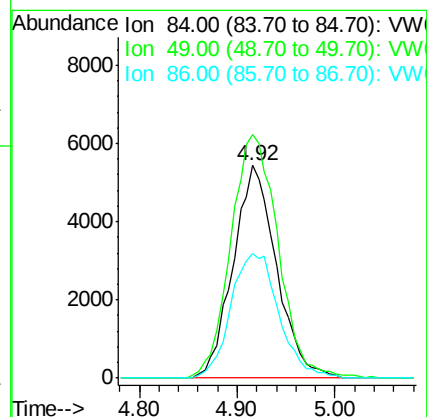
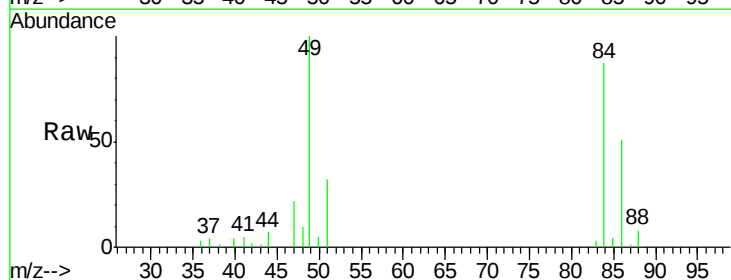
Tgt Ion: 84 Resp: 16731

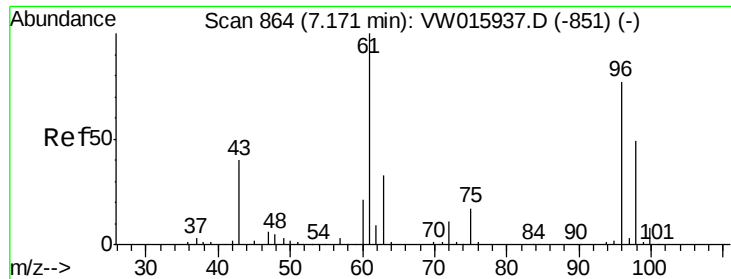
Ion Ratio Lower Upper

84 100

49 114.6 91.1 169.1

86 58.9 46.0 85.4





#21
 2-Butanone
 Concen: 3.720 ug/L
 RT: 7.15 min Scan# 860
 Delta R.T. -0.02 min
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 Acq: 24 Jul 2020 14:02

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF1

Tgt Ion: 43 Resp: 7125
 Ion Ratio Lower Upper
 43 100
 72 2.4 13.9 41.7#

