

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072420\
 Data File : VW015946.D
 Acq On : 24 Jul 2020 13:38
 Operator : SY/VA
 Sample : L3419-11
 Misc : 5.45G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF0

Quant Time: Jul 25 05:50:24 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	8.85	114	422529	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	332981	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100043	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121032	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.20%
7) Chloroethane-d5	2.90	69	96386	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.60%
10) 1,1-Dichloroethene-d2	4.01	63	179666	14.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.64%
20) 2-Butanone-d5	7.08	46	76239	48.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.36%
24) Chloroform-d	7.65	84	229217	19.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.28%
26) 1,2-Dichloroethane-d4	8.31	65	138217	21.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.88%
29) Benzene-d6	8.27	84	470874	23.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.92%
33) 1,2-Dichloropropane-d6	9.27	67	144278	23.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.96%
37) Toluene-d8	10.33	98	385910	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.08%
38) trans-1,3-Dichloropropene-	10.58	79	54498	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.16%
39) 2-Hexanone-d5	10.93	63	53927	53.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112237	24.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	78924	20.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.92%

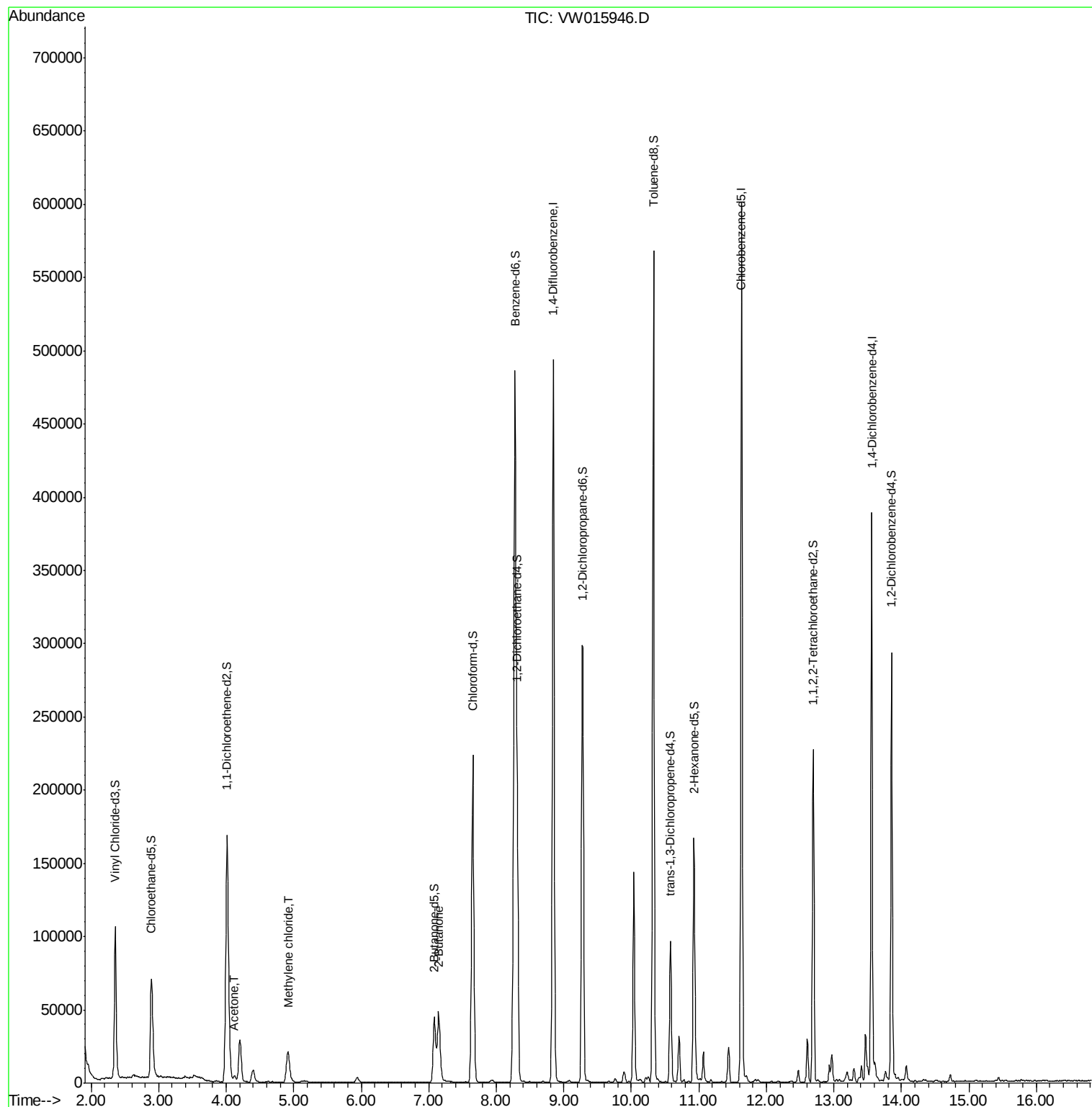
Target Compounds					Qvalue
13) Acetone	4.12	43	6946	5.281 ug/L	88
16) Methylene chloride	4.92	84	17002	2.456 ug/L	90
21) 2-Butanone	7.15	43	7521	4.624 ug/L #	51

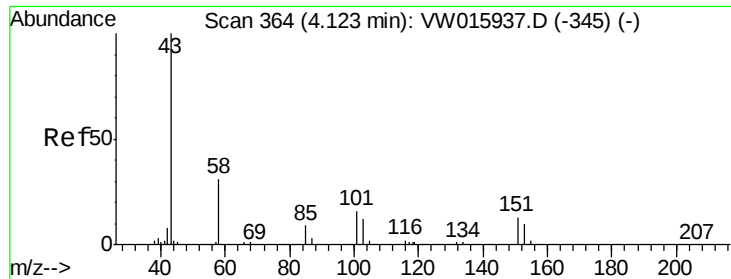
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.281 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW015946.D

Acq: 24 Jul 2020 13:38

Instrument :

MSVOA_W

ClientSampled :

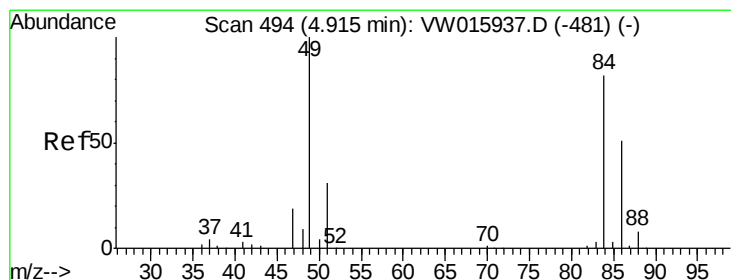
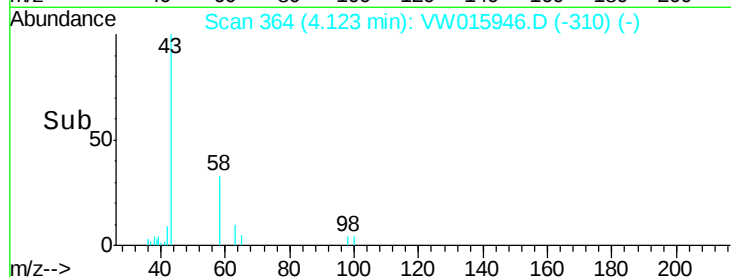
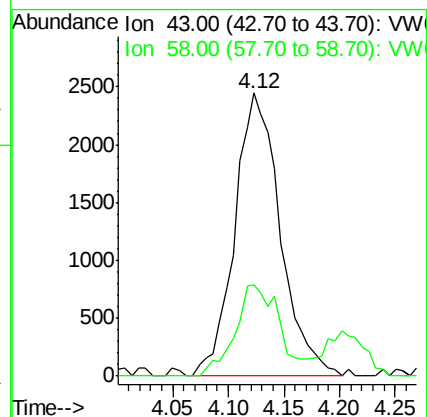
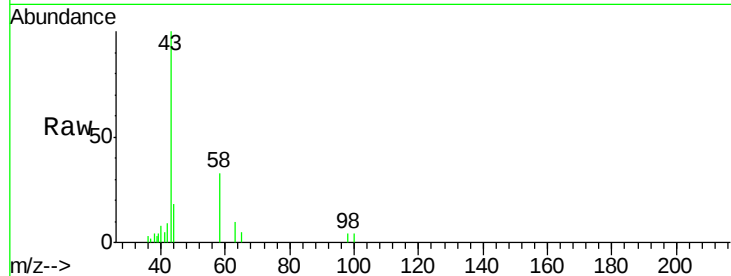
C0AF0

Tgt Ion: 43 Resp: 6946

Ion Ratio Lower Upper

43 100

58 22.5 0.0 58.2



#16

Methylene chloride

Concen: 2.456 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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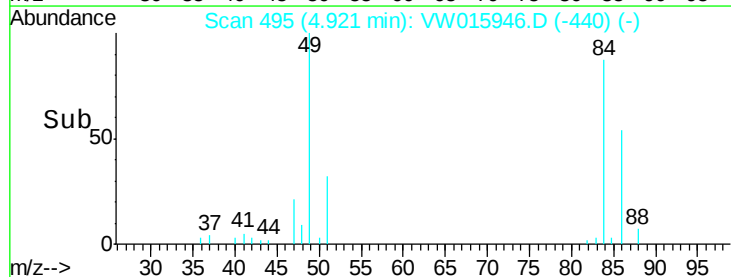
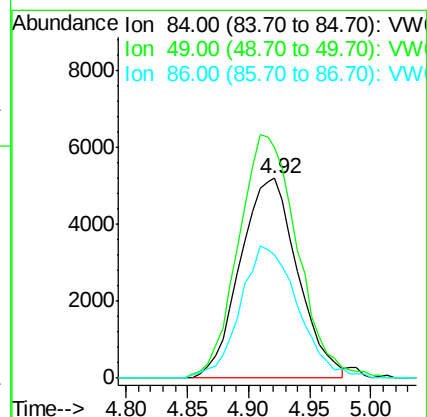
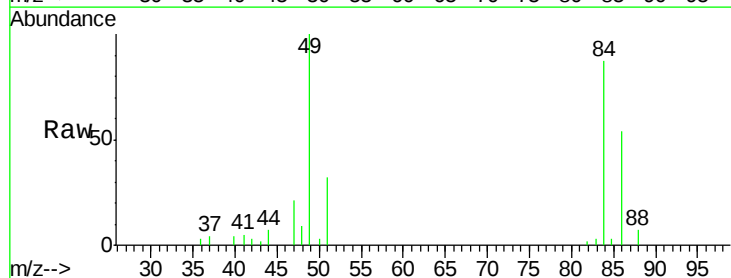
Tgt Ion: 84 Resp: 17002

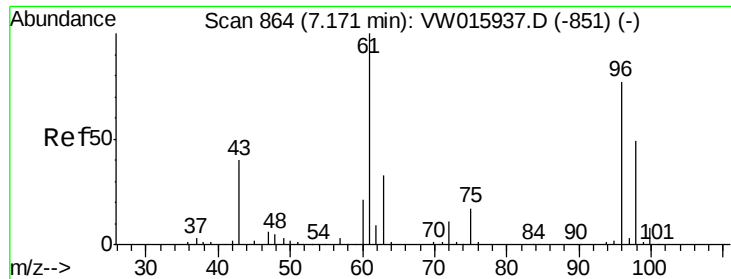
Ion Ratio Lower Upper

84 100

49 115.4 91.1 169.1

86 62.0 46.0 85.4





#21

2-Butanone

Concen: 4.624 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

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Acq: 24 Jul 2020 13:38

Instrument :
MSVOA_W
ClientSampleId :
C0AF0

Tgt Ion: 43 Resp: 7521

Ion Ratio Lower Upper

43 100

72 2.1 13.9 41.7#

