

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016811.D
 Acq On : 06 Oct 2020 22:42
 Operator : SY/VA
 Sample : L4235-17
 Misc : 3.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AQ3

Manual Integrations
 APPROVED

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 10/8/2020 5:38:33 PM

Quant Time: Oct 07 04:48:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	506888	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336359	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84686	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124568	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.64%
7) Chloroethane-d5	2.90	69	109282	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.20%
10) 1,1-Dichloroethene-d2	4.03	63	179299	16.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.56%
20) 2-Butanone-d5	7.09	46	35476	31.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.64%
24) Chloroform-d	7.65	84	238710	22.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	8.31	65	124873	24.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.68%
29) Benzene-d6	8.28	84	488538	31.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.92%
33) 1,2-Dichloropropane-d6	9.28	67	132473	32.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.08%#
37) Toluene-d8	10.33	98	391871	27.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.76%
38) trans-1,3-Dichloropropene-	10.59	79	35690	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.84%
39) 2-Hexanone-d5	10.93	63	29660	46.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75827	22.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	60240	22.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.72%

Target Compounds					Ovalue
13) Acetone	4.15	43	12093	14.109 ug/L	83
16) Methylene chloride	4.93	84	6263m	0.895 ug/L	
21) 2-Butanone	7.18	43	9152m	6.361 ug/L	

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

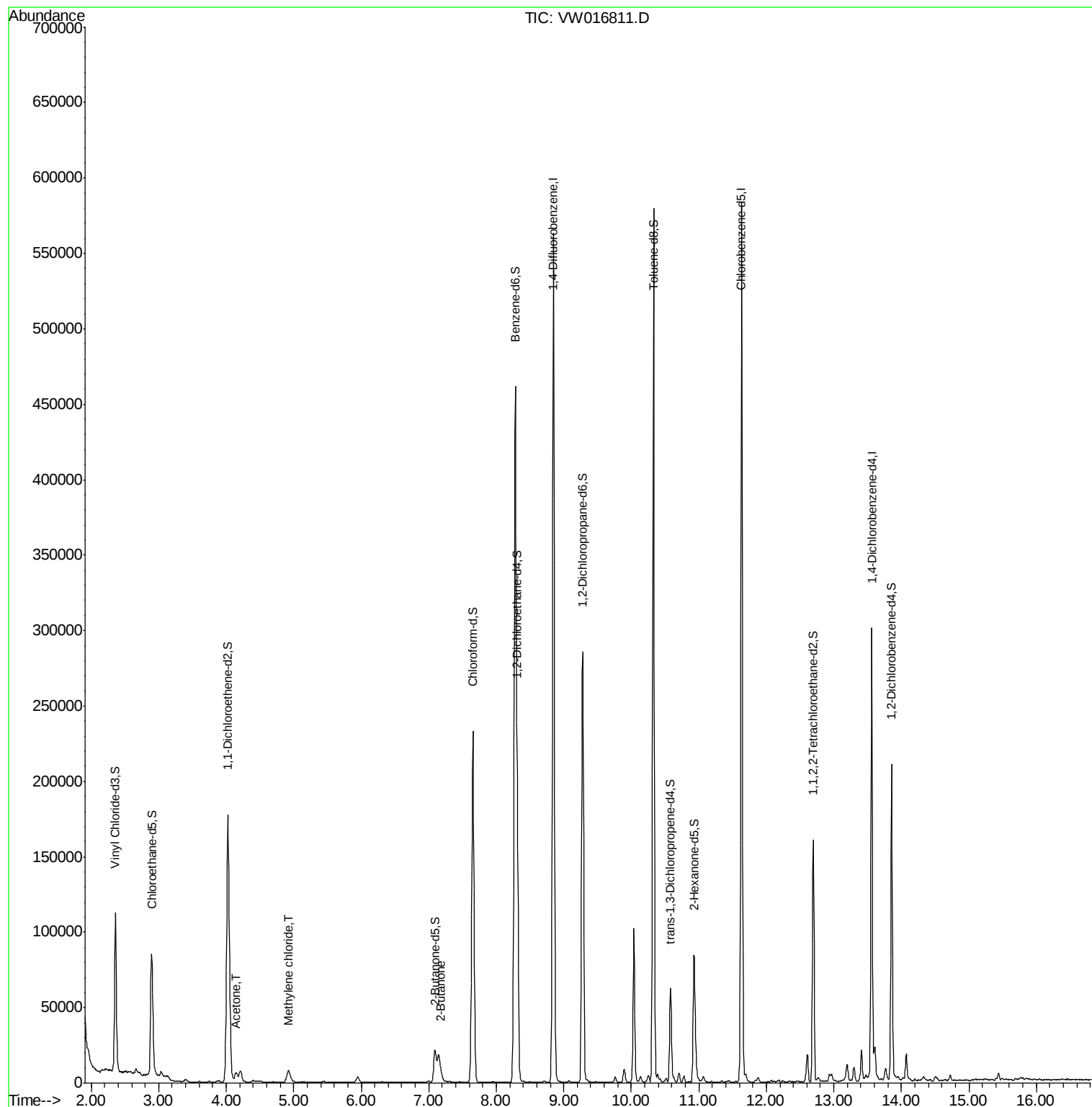
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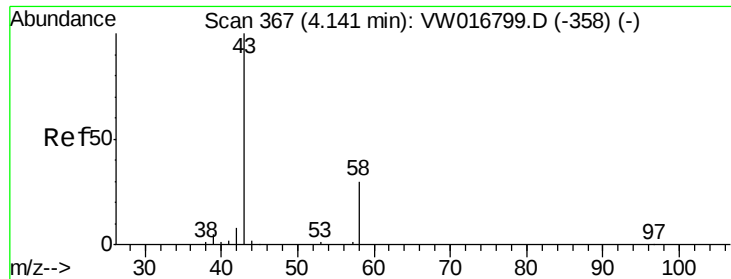
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#13

Acetone

Concen: 14.109 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016811.D

Acq: 06 Oct 2020 22:42

Instrument :

MSVOA_W

ClientSampled :

C0AQ3

Tot Ion: 43 Resp: 12093

Ion Ratio Lower Upper

43 100

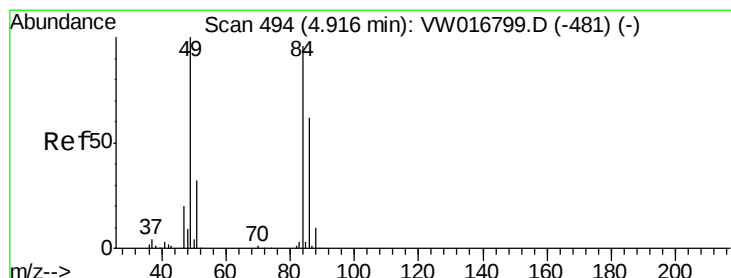
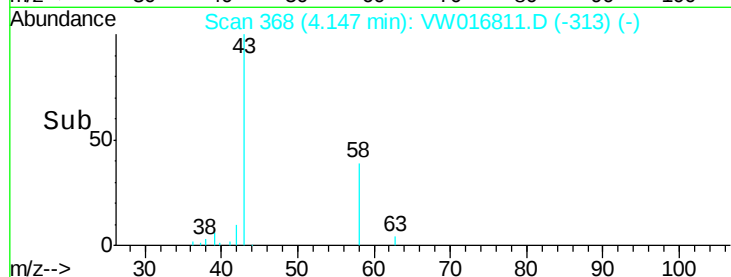
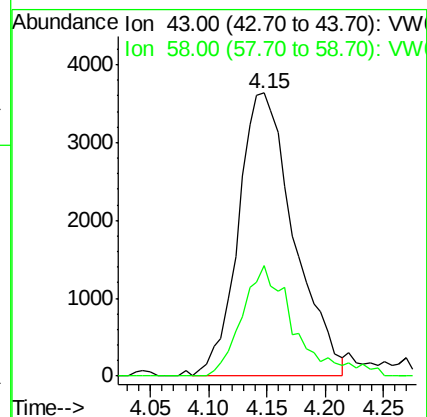
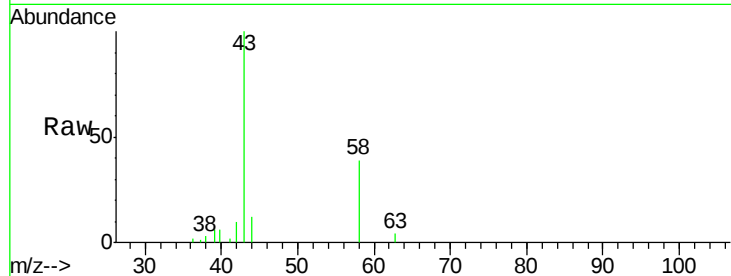
58 23.9 0.0 67.6

Manual Integrations

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#16

Methylene chloride

Concen: 0.895 ug/L m

RT: 4.93 min Scan# 497

Delta R.T. 0.02 min

Lab File: VW016811.D

Acq: 06 Oct 2020 22:42

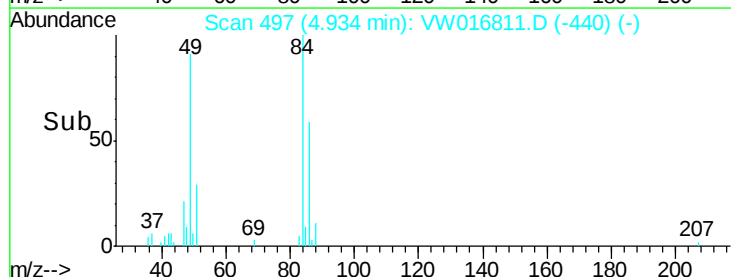
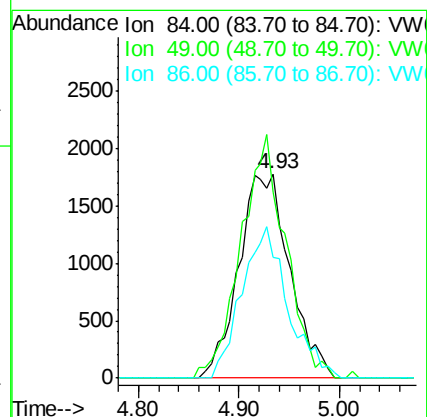
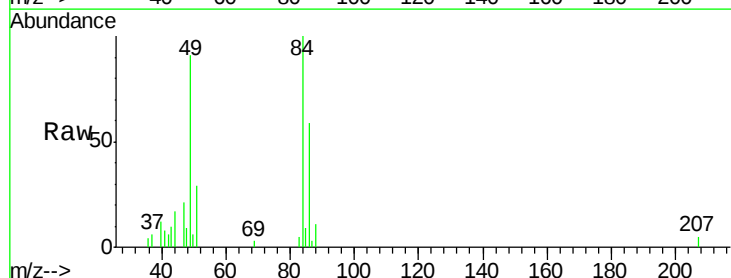
Tgt Ion: 84 Resp: 6263

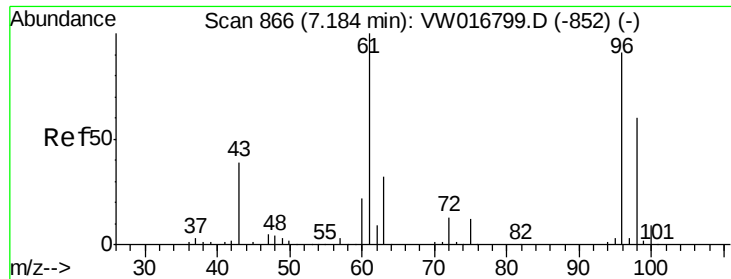
Ion Ratio Lower Upper

84 100

49 91.5 73.1 135.8

86 59.1 46.0 85.4





#21
 2-Butanone
 Concen: 6.361 ug/L m
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
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Tot Ion: 43 Resp: 9152
 Ion Ratio Lower Upper
 43 100
 72 18.7 16.2 48.5

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