

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017426.D
 Acq On : 20 Nov 2020 18:43
 Operator : SY/VA
 Sample : L4853-01
 Misc : 4.66G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD0

Quant Time: Nov 21 02:03:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 21 00:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	338970	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223792	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	50163	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104808	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.52%
7) Chloroethane-d5	2.89	69	94335	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.68%
10) 1,1-Dichloroethene-d2	4.02	63	143688	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.48%
20) 2-Butanone-d5	7.08	46	37667	45.70	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.40%
24) Chloroform-d	7.65	84	207187	23.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	8.31	65	103335	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.08%
29) Benzene-d6	8.27	84	398705	31.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.40%
33) 1,2-Dichloropropane-d6	9.27	67	107743	32.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.24%#
37) Toluene-d8	10.32	98	306144	25.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.12%
38) trans-1,3-Dichloropropene-	10.58	79	41193	28.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.60%
39) 2-Hexanone-d5	10.93	63	31389	69.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	70292	27.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	46834	25.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.16%

Target Compounds

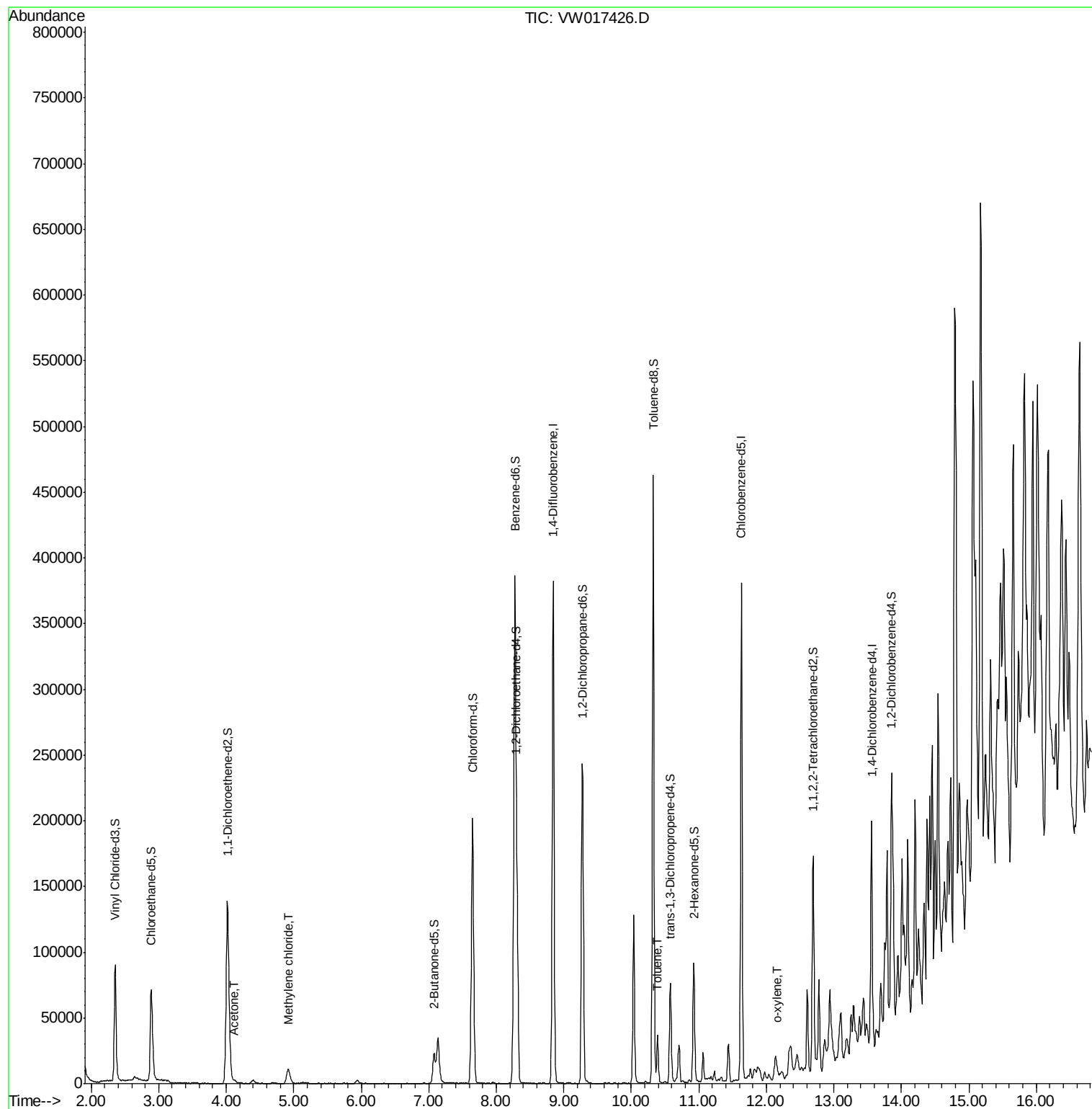
					Ovalue
13) Acetone	4.12	43	2441	4.060 ug/L	96
16) Methylene chloride	4.92	84	10328	1.781 ug/L	93
44) Toluene	10.39	91	27194	1.939 ug/L	97
55) o-xylene	12.17	106	1360	0.236 ug/L	83

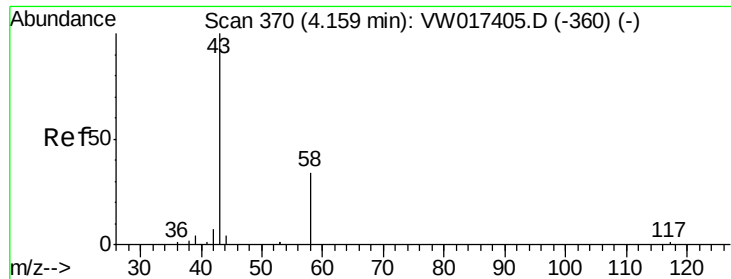
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.060 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.04 min

Lab File: VW017426.D

Acq: 20 Nov 2020 18:43

Instrument :

MSVOA_W

ClientSampleId :

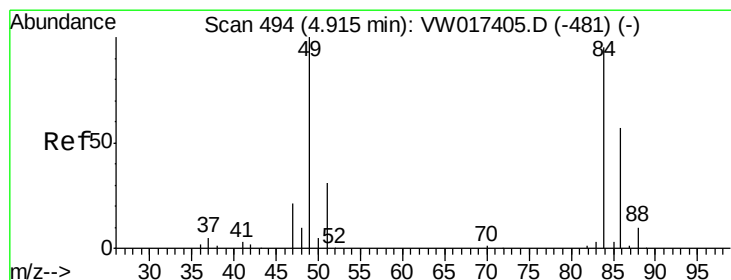
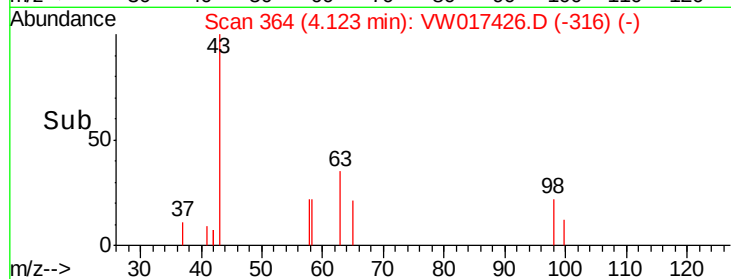
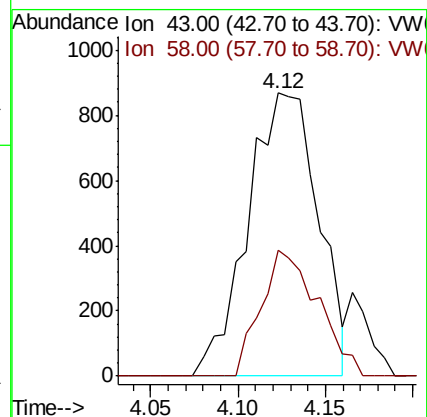
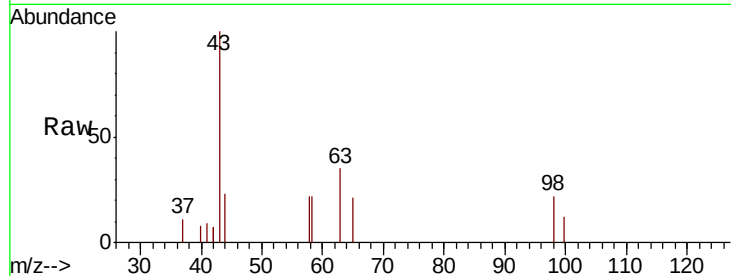
C0AD0

Tot Ion: 43 Resp: 2441

Ion Ratio Lower Upper

43 100

58 35.9 0.0 67.0



#16

Methylene chloride

Concen: 1.781 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Acq: 20 Nov 2020 18:43

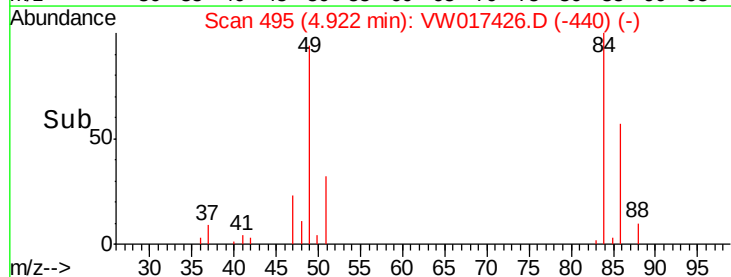
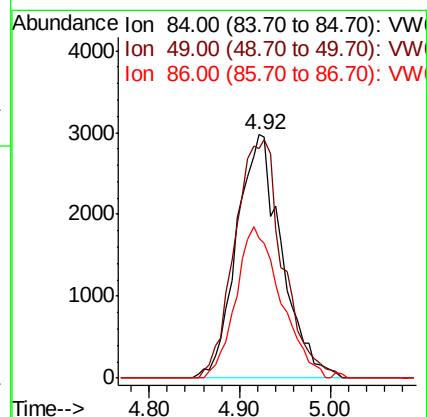
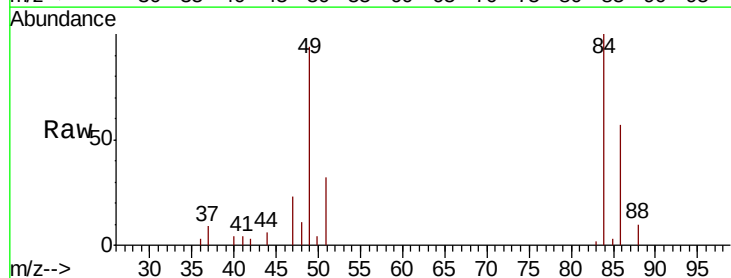
Tgt Ion: 84 Resp: 10328

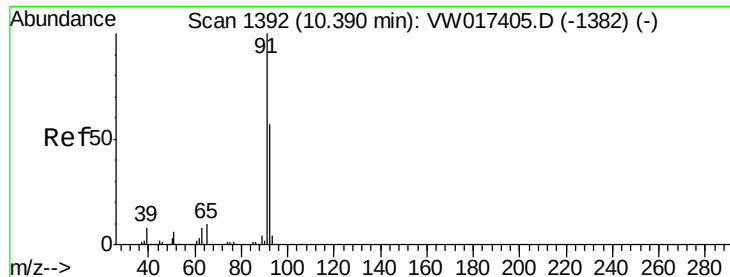
Ion Ratio Lower Upper

84 100

49 94.2 71.5 132.9

86 57.2 42.8 79.4





#44

Toluene

Concen: 1.939 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

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Acq: 20 Nov 2020 18:43

Instrument :

MSVOA_W

ClientSampleId :

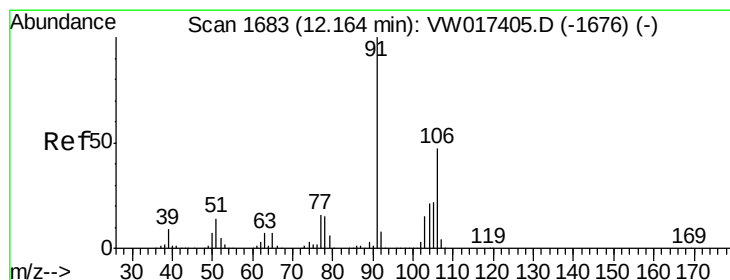
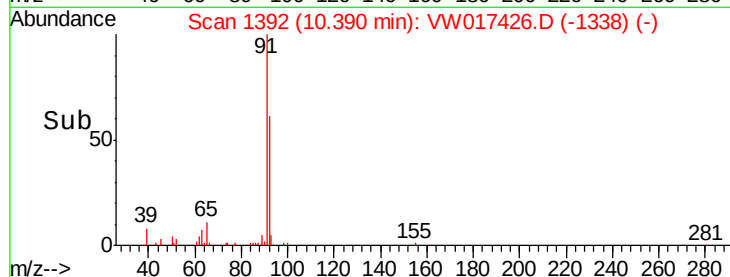
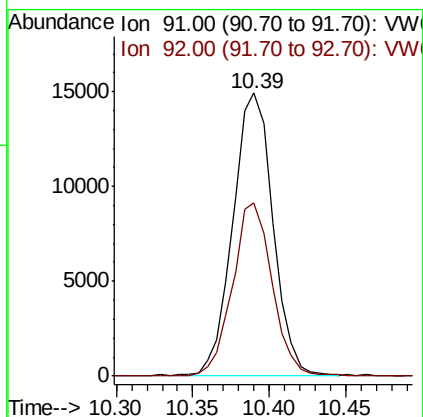
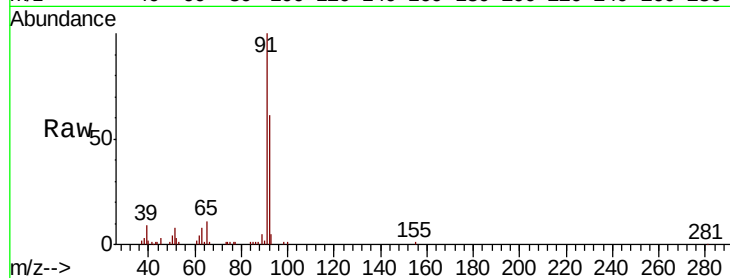
C0AD0

Tot Ion: 91 Resp: 27194

Ion Ratio Lower Upper

91 100

92 61.1 41.4 76.8



#55

o-xylene

Concen: 0.236 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW017426.D

Acq: 20 Nov 2020 18:43

Tgt Ion: 106 Resp: 1360

Ion Ratio Lower Upper

106 100

91 174.1 139.5 259.1

