

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017204.D
 Acq On : 13 Nov 2020 11:31
 Operator : SY/VA
 Sample : L4727-03RE
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB8RE

Manual Integrations
 APPROVED

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 11/16/2020 2:32:22 PM

Quant Time: Nov 16 11:59:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 11:48:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	388213	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	269378	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69344	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104812	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
7) Chloroethane-d5	2.89	69	92298	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
10) 1,1-Dichloroethene-d2	4.02	63	145900	16.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.72%
20) 2-Butanone-d5	7.08	46	44711	40.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.78%
24) Chloroform-d	7.65	84	223605	24.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.68%
26) 1,2-Dichloroethane-d4	8.30	65	115290	25.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.36%
29) Benzene-d6	8.27	84	416473	30.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.44%
33) 1,2-Dichloropropane-d6	9.27	67	115200	30.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.44%#
37) Toluene-d8	10.32	98	336452	26.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.04%
38) trans-1,3-Dichloropropene-	10.58	79	45178	26.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.64%
39) 2-Hexanone-d5	10.93	63	35916	54.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77068	23.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	58816	24.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.28%

Target Compounds					Ovalue
13) Acetone	4.14	43	3371m	4.604	ug/L
16) Methylene chloride	4.92	84	12743	2.435	ug/L
44) Toluene	10.39	91	4853	0.312	ug/L

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

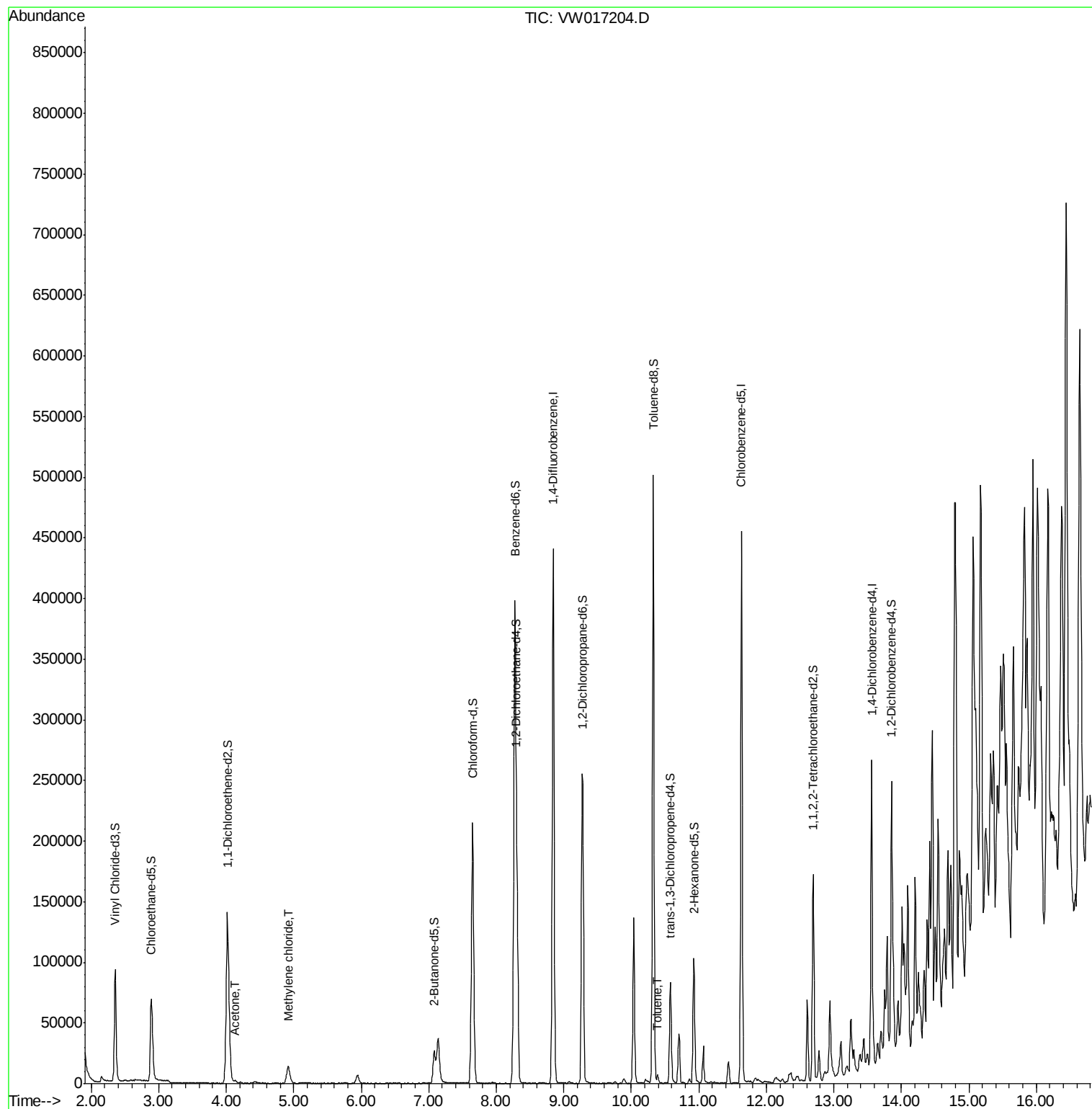
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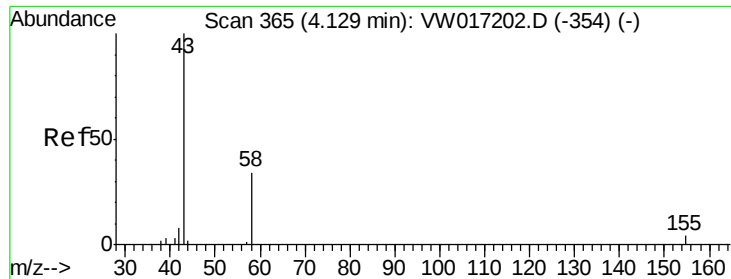
Instrument :
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Response via : Initial Calibration





#13

Acetone

Concen: 4.604 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017204.D

Acq: 13 Nov 2020 11:31

Tot Ion: 43 Resp: 3371

Ion Ratio Lower Upper

43 100

58 32.7 0.0 69.2

Instrument :

MSVOA_W

ClientSampleId :

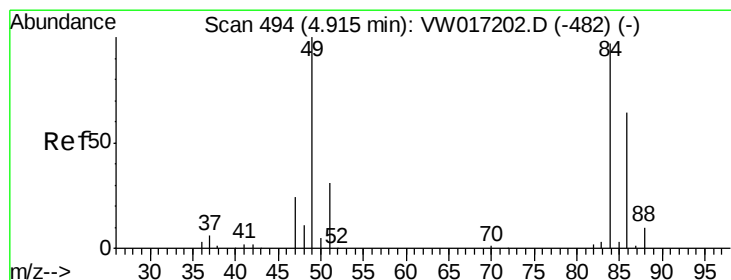
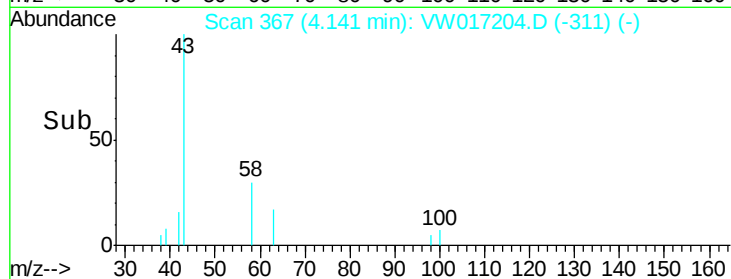
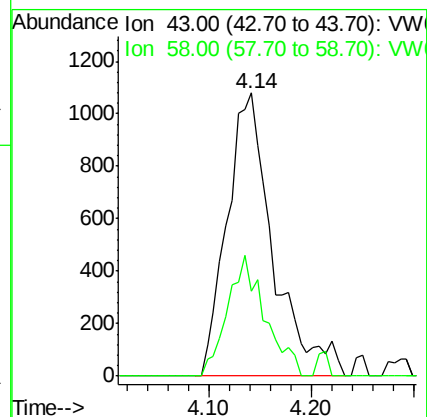
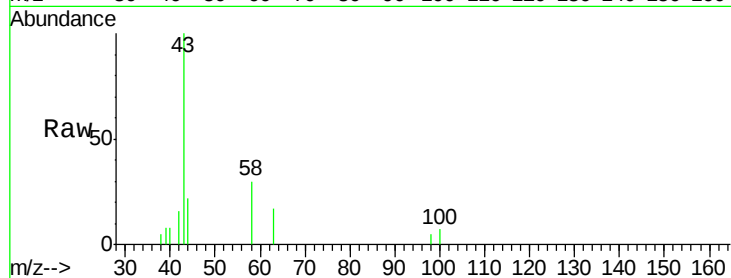
C0AB8RE

Manual Integrations

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#16

Methylene chloride

Concen: 2.435 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW017204.D

Acq: 13 Nov 2020 11:31

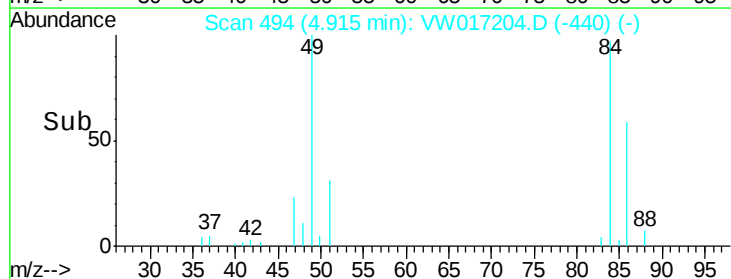
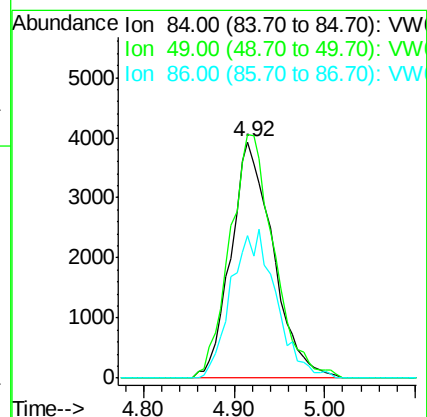
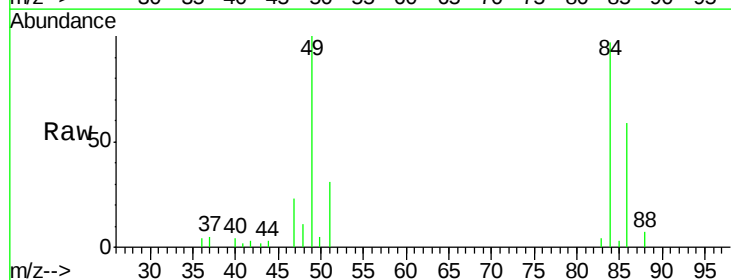
Tgt Ion: 84 Resp: 12743

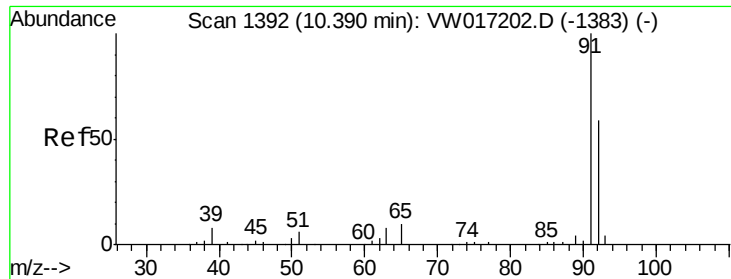
Ion Ratio Lower Upper

84 100

49 103.0 72.3 134.3

86 60.3 45.1 83.7





#44
Toluene
Concen: 0.312 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
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Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	41.4	76.8

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