

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016385.D
 Acq On : 27 Aug 2020 12:20
 Operator : SY/VA
 Sample : L3800-08RE
 Misc : 6.63G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H7RE

Quant Time: Aug 28 08:35:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 08:08:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	309167	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	182319	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	26390	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	42175	12.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.12%
7) Chloroethane-d5	2.89	69	39325	15.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.76%
10) 1,1-Dichloroethene-d2	4.01	63	88175	11.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.00%
20) 2-Butanone-d5	7.09	46	26922	28.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.36%
24) Chloroform-d	7.65	84	141452	17.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.20%
26) 1,2-Dichloroethane-d4	8.30	65	69788	16.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.20%#
29) Benzene-d6	8.28	84	253320	24.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.56%
33) 1,2-Dichloropropane-d6	9.27	67	71437	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.44%
37) Toluene-d8	10.33	98	183959	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.64%
38) trans-1,3-Dichloropropene-	10.58	79	27573	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.12%
39) 2-Hexanone-d5	10.93	63	21422	47.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	42779	18.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	17526	17.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.28%#

Target Compounds

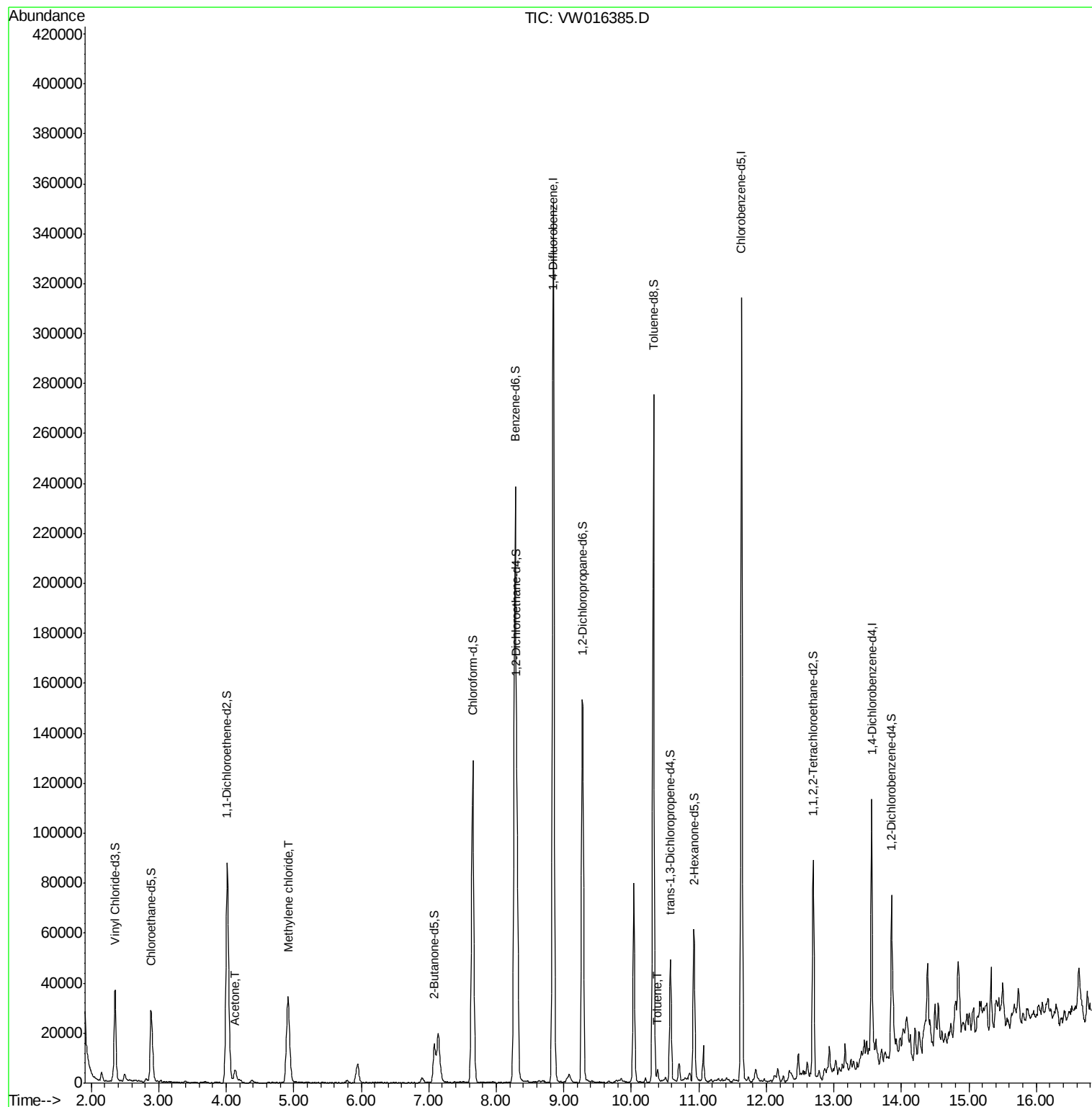
					Ovalue
13) Acetone	4.13	43	9727	12.485	ug/L 89
16) Methylene chloride	4.92	84	30485	5.334	ug/L 97
44) Toluene	10.39	91	4022	0.353	ug/L 86

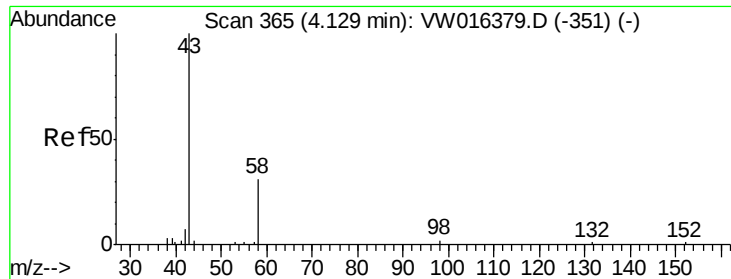
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.485 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW016385.D

Acq: 27 Aug 2020 12:20

Instrument :

MSVOA_W

ClientSampleId :

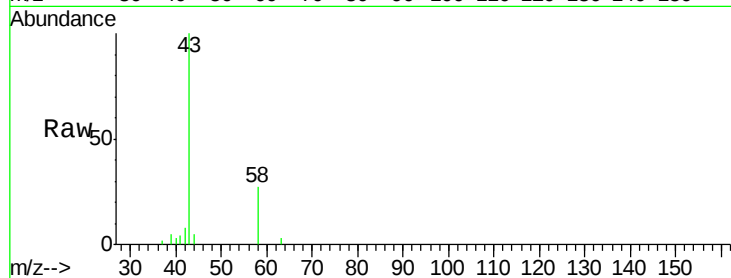
BG3H7RE

Tot Ion: 43 Resp: 9727

Ion Ratio Lower Upper

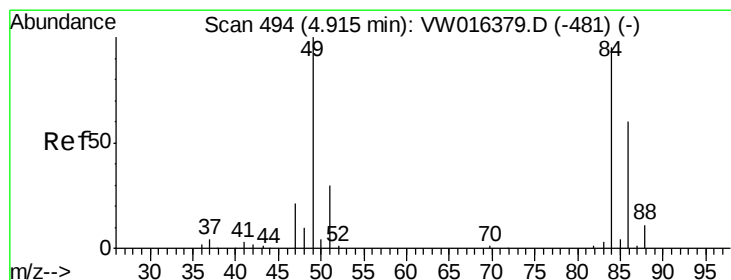
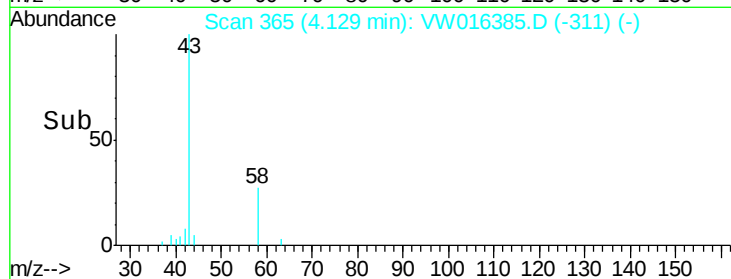
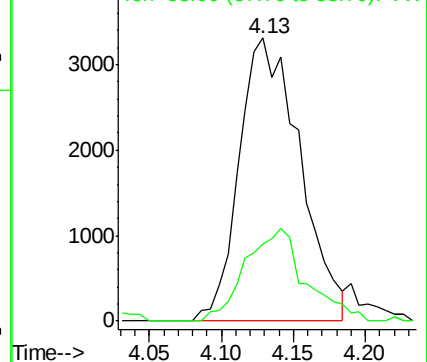
43 100

58 25.7 0.0 63.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.334 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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Acq: 27 Aug 2020 12:20

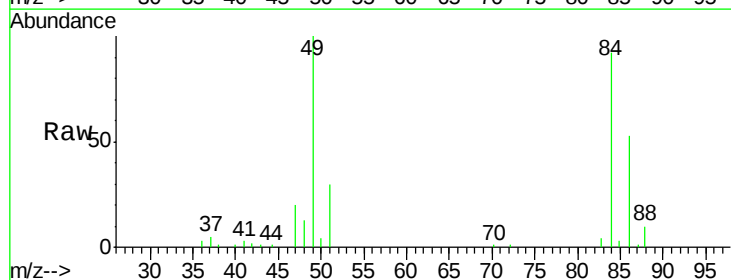
Tgt Ion: 84 Resp: 30485

Ion Ratio Lower Upper

84 100

49 108.5 75.3 139.9

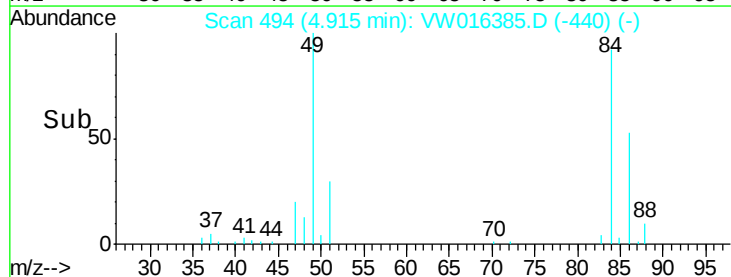
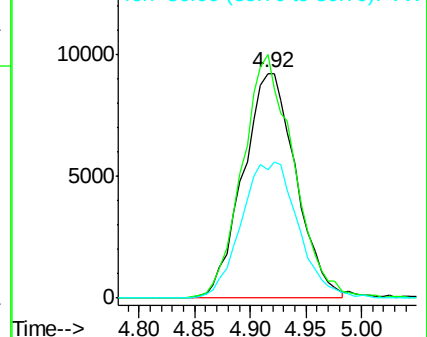
86 57.0 43.3 80.3

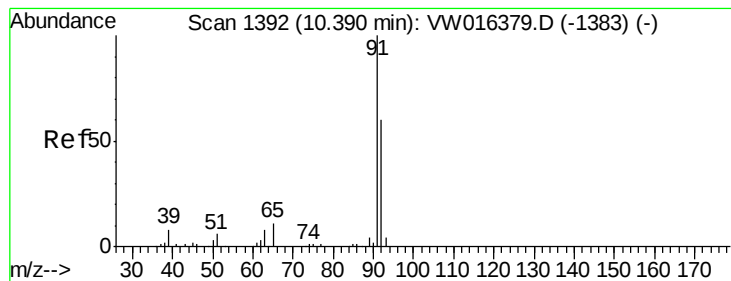


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#44

Toluene

Concen: 0.353 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

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Tot Ion: 91 Resp: 4022

Ion Ratio Lower Upper

91 100

92 49.0 41.5 77.1

