

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016383.D
 Acq On : 27 Aug 2020 11:22
 Operator : SY/VA
 Sample : L3800-08
 Misc : 6.58G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H7

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 3:18:22 PM

Quant Time: Aug 28 08:28:48 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	70863	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	60532	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	15763	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	12719	16.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.24%
7) Chloroethane-d5	2.89	69	12178	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.80%
10) 1,1-Dichloroethene-d2	4.02	63	24113	13.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.68%
20) 2-Butanone-d5	7.08	46	9558	44.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.84%
24) Chloroform-d	7.65	84	41731	22.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	8.31	65	22690	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.32%
29) Benzene-d6	8.27	84	71879	21.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.08%
33) 1,2-Dichloropropane-d6	9.27	67	22517	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.32%
37) Toluene-d8	10.33	98	58270	18.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.12%
38) trans-1,3-Dichloropropene-	10.59	79	8982	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.60%
39) 2-Hexanone-d5	10.93	63	6871	45.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	18355	23.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	12839	21.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.96%

Target Compounds					Ovalue
13) Acetone	4.12	43	2415	13.524 ug/L	59
16) Methylene chloride	4.91	84	6102m	4.658 ug/L	

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

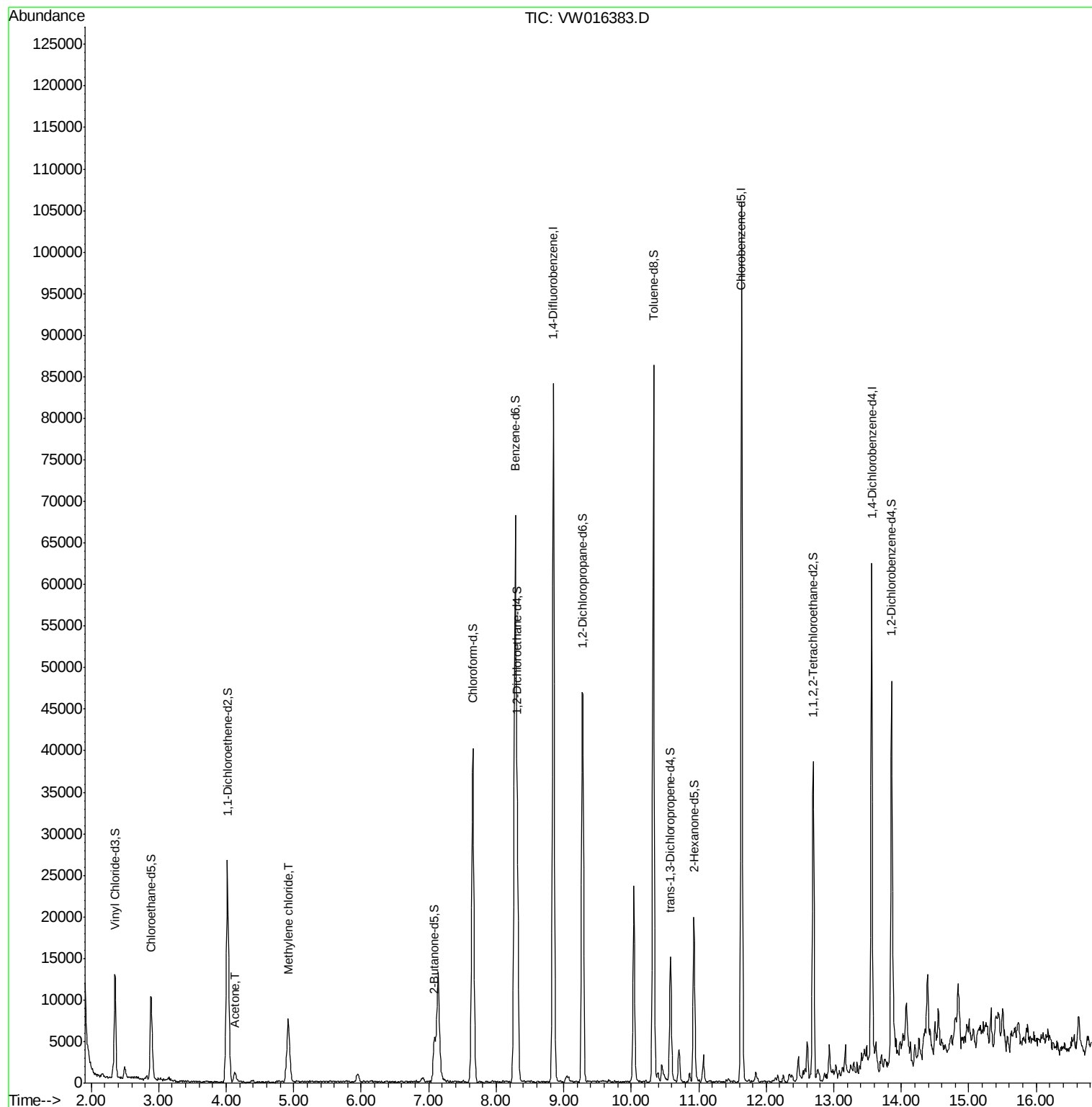
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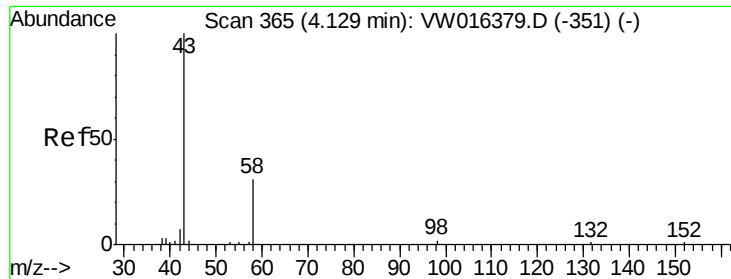
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#13

Acetone

Concen: 13.524 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW016383.D

Acq: 27 Aug 2020 11:22

Instrument :

MSVOA_W

ClientSampled :

BG3H7

Tot Ion: 43 Resp: 2415

Ion Ratio Lower Upper

43 100

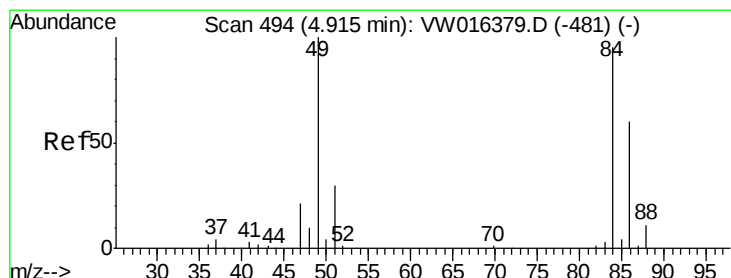
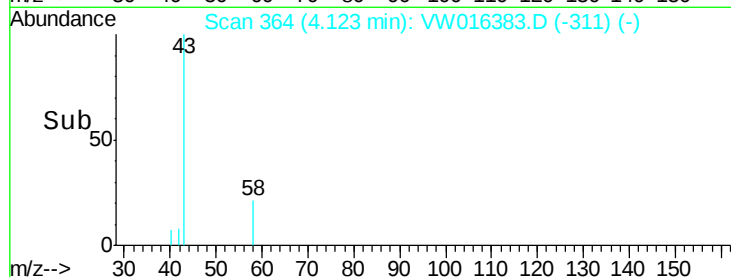
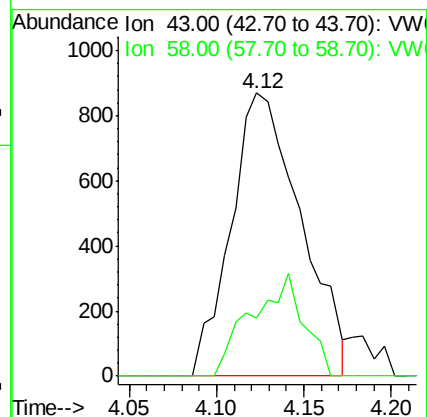
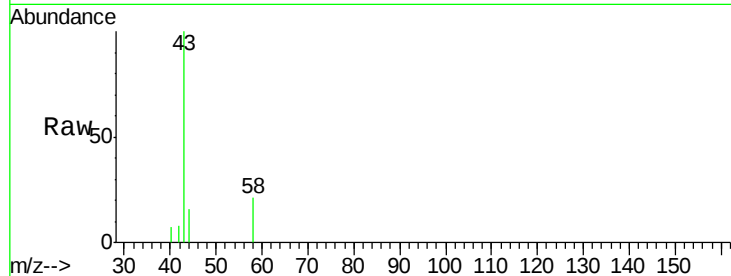
58 9.3 0.0 63.8

Manual Integrations

APPROVED

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8/28/2020 3:18:22 PM



#16

Methylene chloride

Concen: 4.658 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016383.D

Acq: 27 Aug 2020 11:22

Tgt Ion: 84 Resp: 6102

Ion Ratio Lower Upper

84 100

49 112.0 75.3 139.9

86 52.0 43.3 80.3

