

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016381.D
 Acq On : 27 Aug 2020 10:35
 Operator : SY/VA
 Sample : L3800-04
 Misc : 6.41G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H4

Quant Time: Aug 28 08:19:51 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	274992	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	260856	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	126043	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	45307	15.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.72%
7) Chloroethane-d5	2.89	69	41156	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
10) 1,1-Dichloroethene-d2	4.02	63	95058	13.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.52%
20) 2-Butanone-d5	7.08	46	40523	48.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.06%
24) Chloroform-d	7.65	84	160632	22.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.64%
26) 1,2-Dichloroethane-d4	8.31	65	87833	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.08%
29) Benzene-d6	8.28	84	298027	20.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.84%
33) 1,2-Dichloropropane-d6	9.27	67	86466	21.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.84%
37) Toluene-d8	10.33	98	275081	20.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.08%
38) trans-1,3-Dichloropropene-	10.58	79	39957	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.16%
39) 2-Hexanone-d5	10.93	63	33730	52.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81472	24.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	105570	21.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.36%

Target Compounds

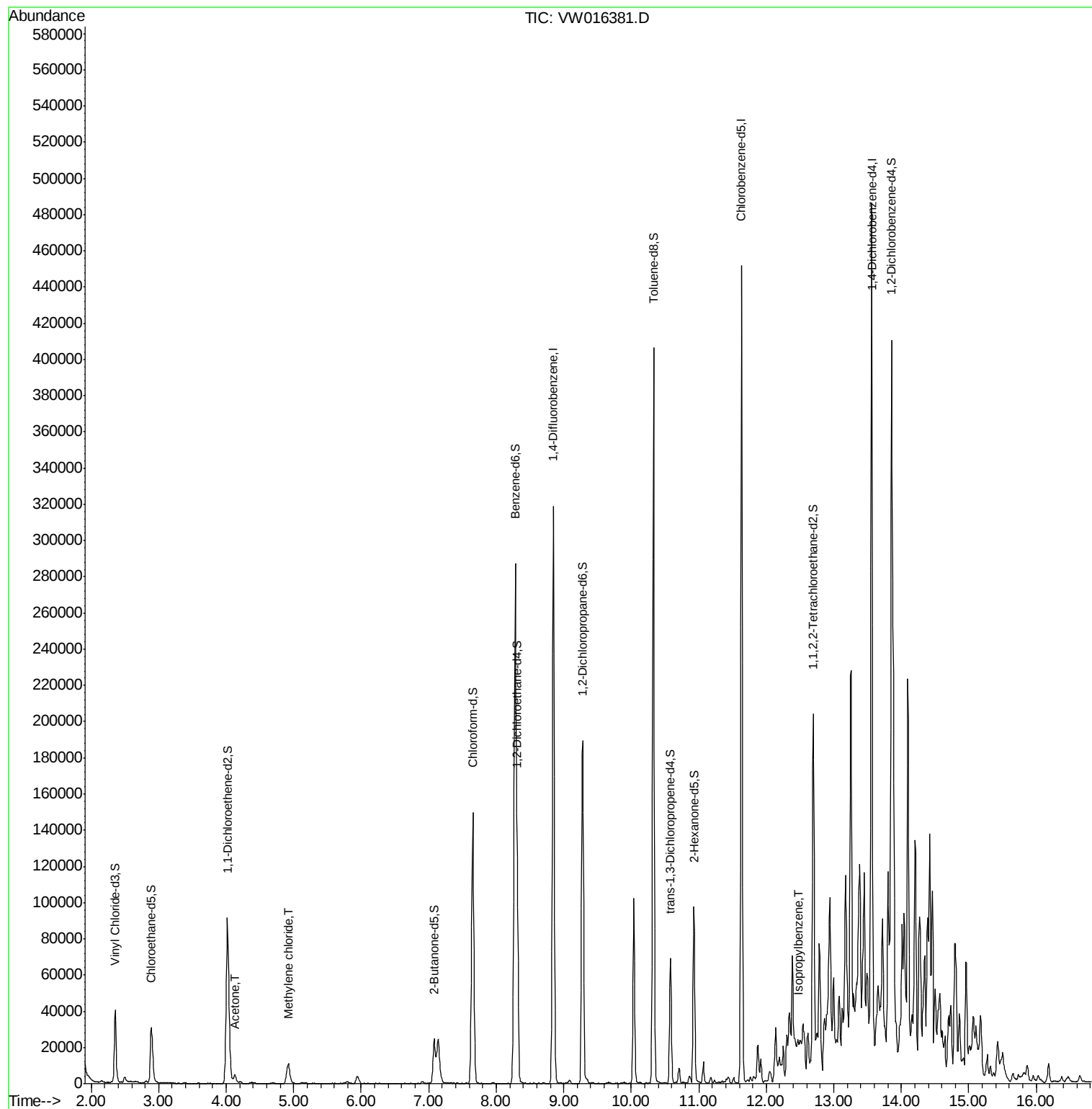
					Ovalue
13) Acetone	4.12	43	8154	11.767 ug/L	96
16) Methylene chloride	4.92	84	9834	1.934 ug/L	86
57) Isopropylbenzene	12.47	105	6627	0.352 ug/L #	96

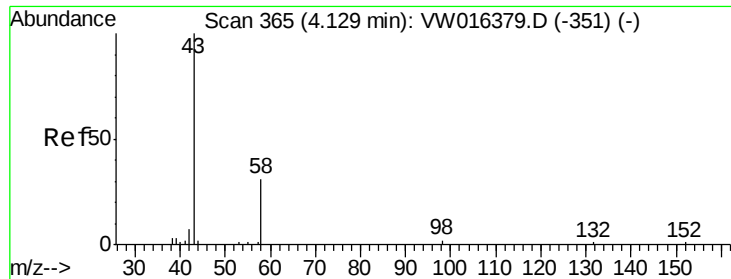
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.767 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Acq: 27 Aug 2020 10:35

Instrument :

MSVOA_W

ClientSampleId :

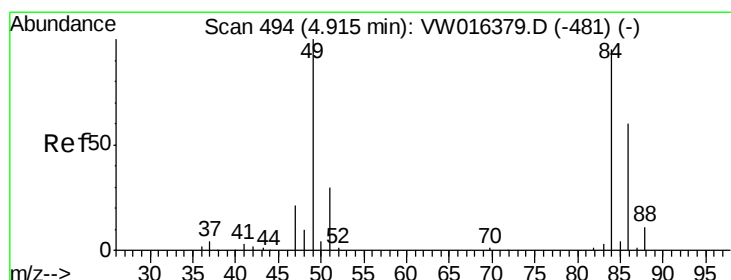
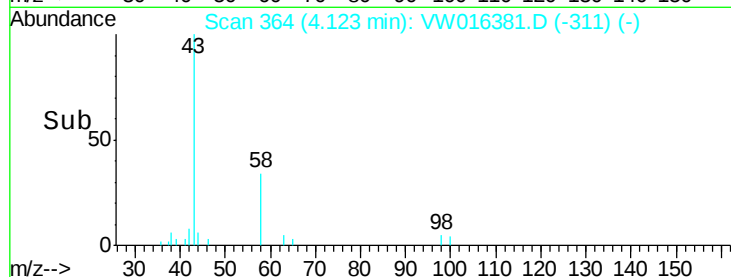
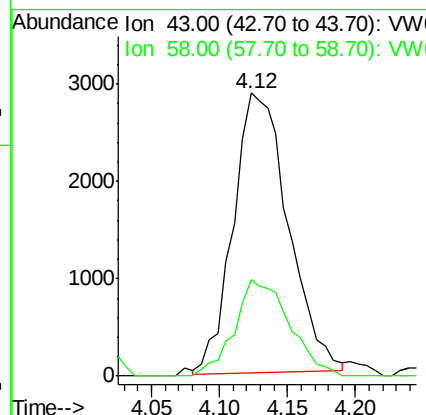
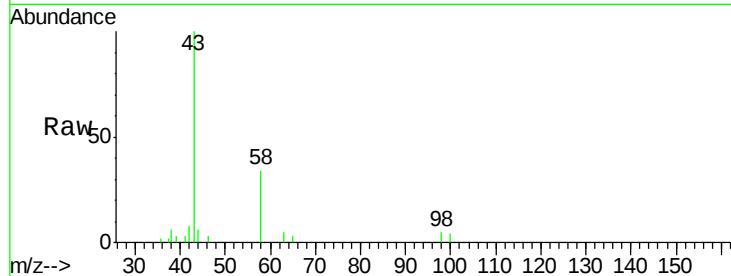
BG3H4

Tot Ion: 43 Resp: 8154

Ion Ratio Lower Upper

43 100

58 34.2 0.0 63.8



#16

Methylene chloride

Concen: 1.934 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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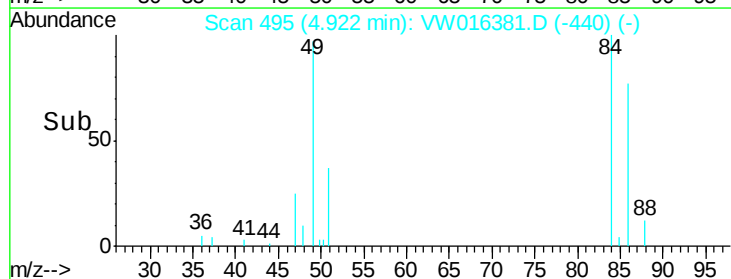
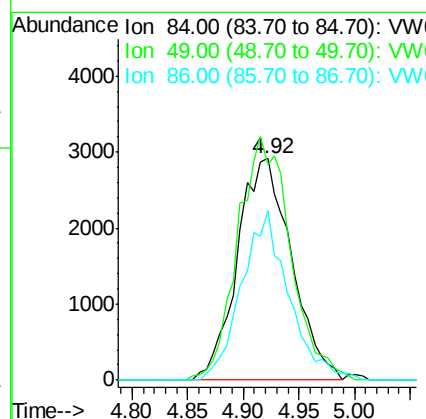
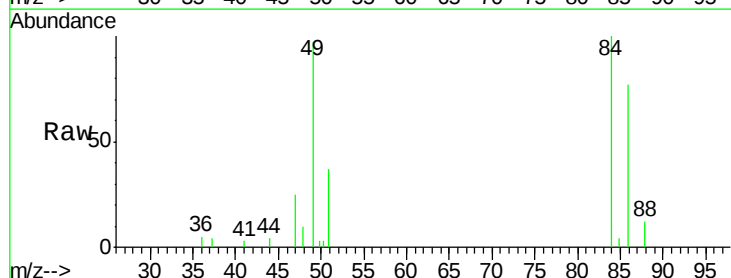
Tgt Ion: 84 Resp: 9834

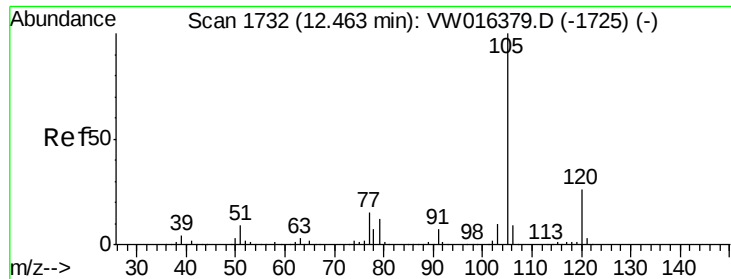
Ion Ratio Lower Upper

84 100

49 96.9 75.3 139.9

86 76.6 43.3 80.3





#57

Isopropylbenzene

Concen: 0.352 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

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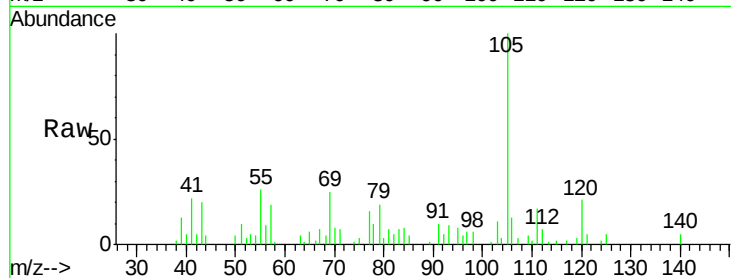
Tot Ion:105 Resp: 6627

Ion Ratio Lower Upper

105 100

120 27.2 21.2 31.8

77 18.9 12.2 18.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW

