

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061720\
 Data File : VW015619.D
 Acq On : 17 Jun 2020 16:11
 Operator : SY/VA
 Sample : L3027-07
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2L0

Quant Time: Jun 18 07:38:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 18 07:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	384375	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	345250	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156019	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115917	32.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.64%
7) Chloroethane-d5	2.89	69	95179	27.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.68%
10) 1,1-Dichloroethene-d2	4.01	63	170624	19.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.52%
20) 2-Butanone-d5	7.09	46	47602	41.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.78%
24) Chloroform-d	7.65	84	219711	24.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.88%
26) 1,2-Dichloroethane-d4	8.31	65	118490	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.84%
29) Benzene-d6	8.28	84	435616	25.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.92%
33) 1,2-Dichloropropane-d6	9.27	67	127972	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.48%
37) Toluene-d8	10.33	98	407352	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.00%
38) trans-1,3-Dichloropropene-	10.58	79	50825	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.40%
39) 2-Hexanone-d5	10.93	63	36573	41.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83132	21.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	126629	24.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.88%

Target Compounds

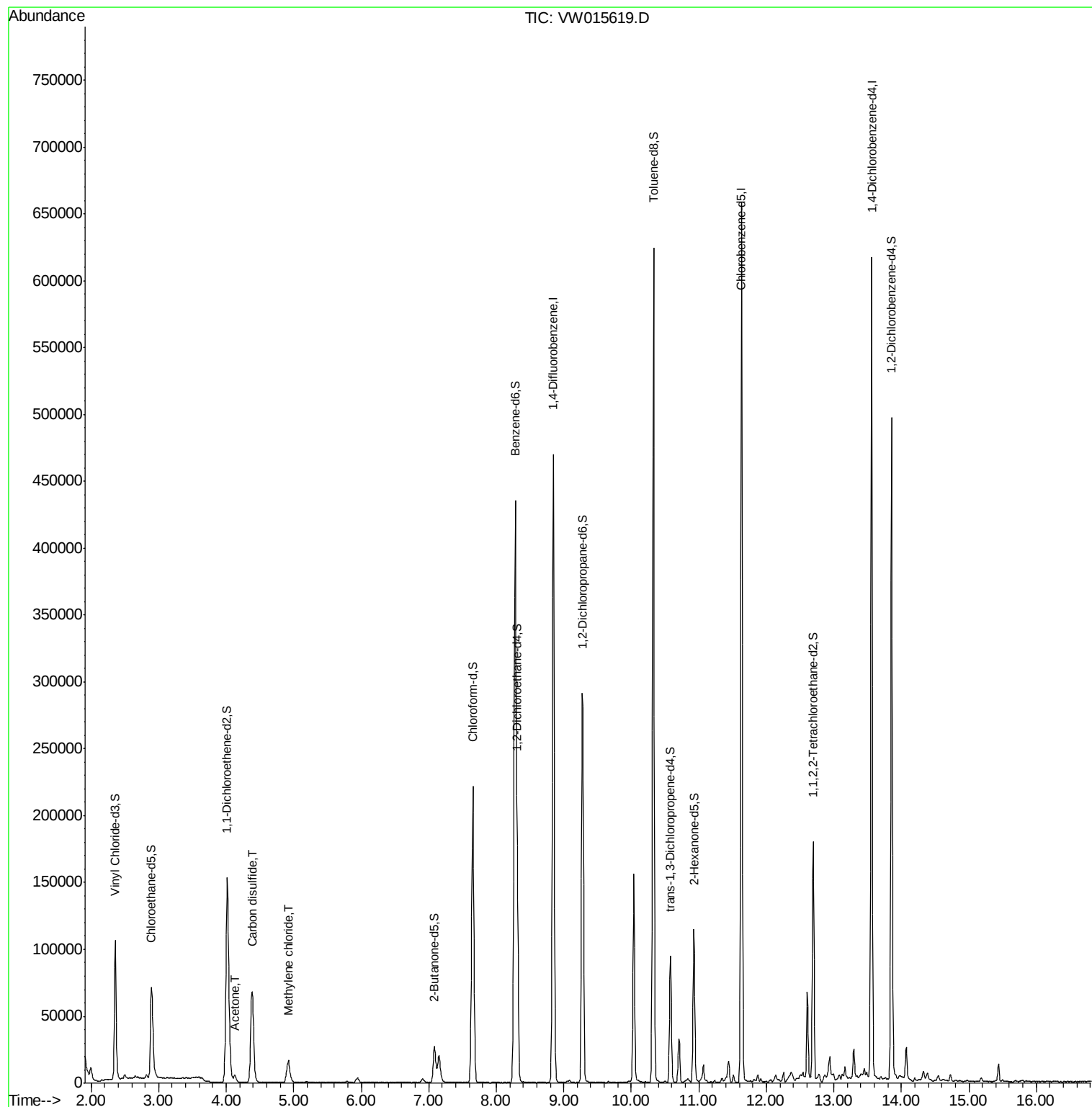
					Ovalue
13) Acetone	4.12	43	8173	9.193 ug/L	97
14) Carbon disulfide	4.39	76	153089	10.012 ug/L	99
16) Methylene chloride	4.92	84	13173	2.792 ug/L	97

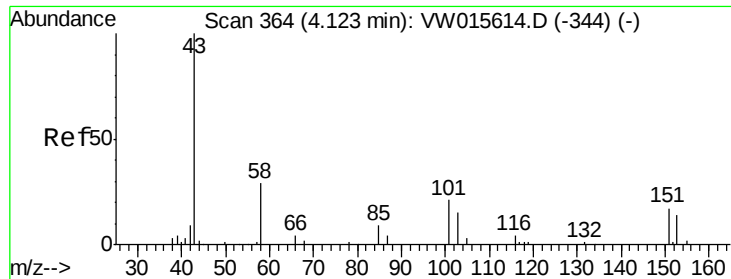
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.193 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW015619.D

Acq: 17 Jun 2020 16:11

Instrument :

MSVOA_W

ClientSampled :

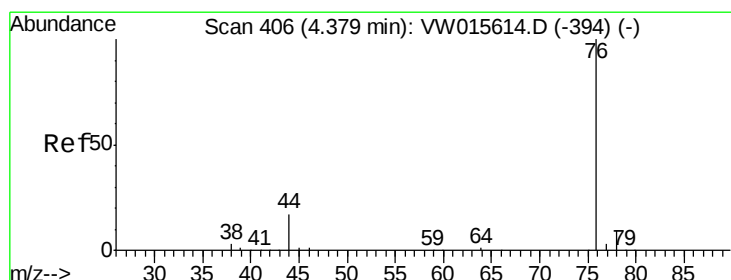
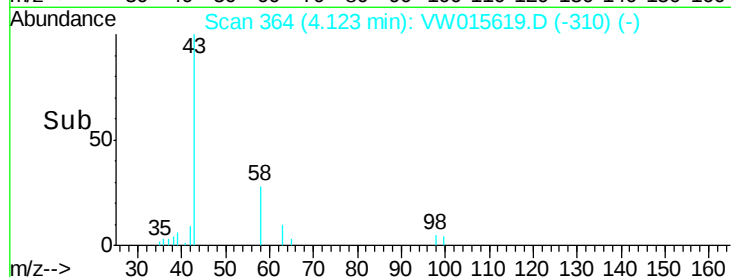
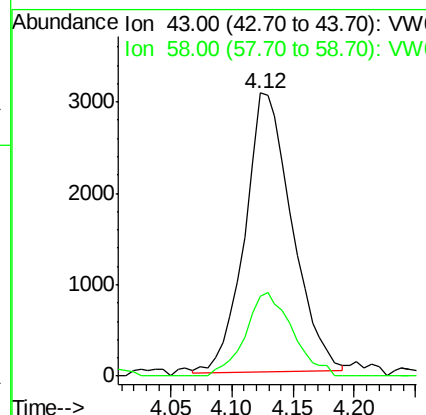
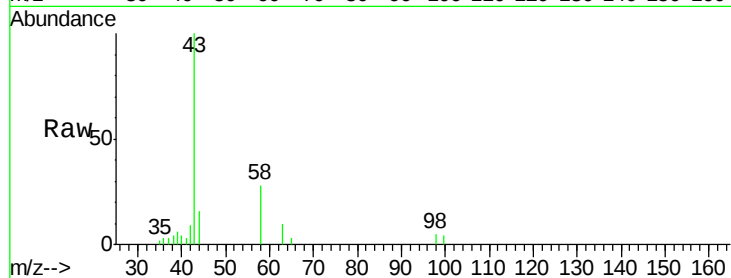
BG2L0

Tot Ion: 43 Resp: 8173

Ion Ratio Lower Upper

43 100

58 29.8 0.0 56.8



#14

Carbon disulfide

Concen: 10.012 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

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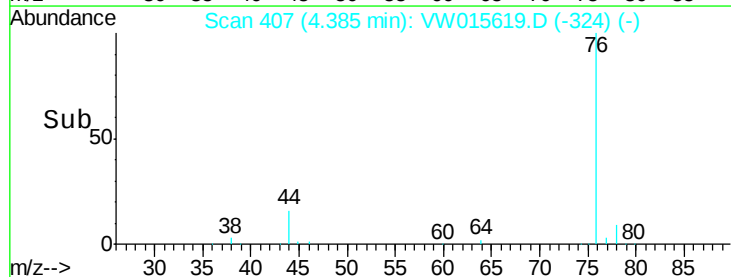
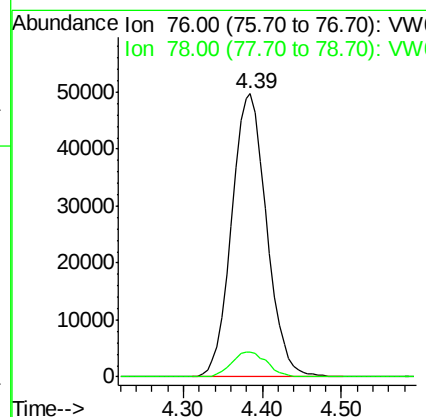
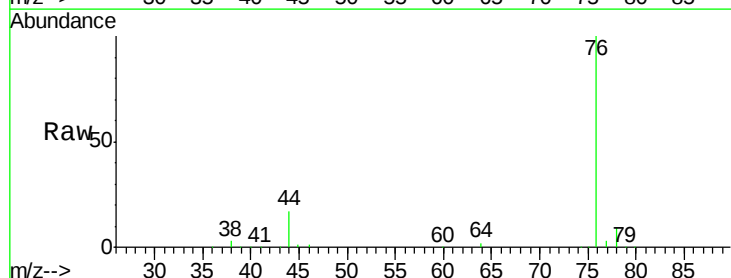
Acq: 17 Jun 2020 16:11

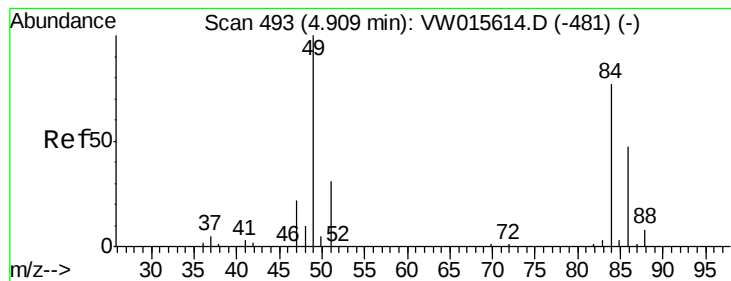
Tgt Ion: 76 Resp: 153089

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9





#16
Methylene chloride
Concen: 2.792 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW015619.D
Acq: 17 Jun 2020 16:11

Instrument :
MSVOA_W
ClientSampleId :
BG2L0

Tot Ion: 84 Resp: 13173

Ion	Ratio	Lower	Upper
84	100		
49	130.7	93.0	172.8
86	67.4	44.7	83.1

