

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017547.D
 Acq On : 04 Dec 2020 11:43
 Operator : SY/VA
 Sample : VIBLK16
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK16

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:36:08 PM

Quant Time: Dec 20 03:07:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 01:44:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	388600	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	362443	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174480	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123052	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.28%
7) Chloroethane-d5	2.90	69	101615	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.24%
10) 1,1-Dichloroethene-d2	4.03	63	204662	17.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.92%
20) 2-Butanone-d5	7.09	46	55746m	51.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.42%
24) Chloroform-d	7.65	84	272631	24.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	8.31	65	139616	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.12%
29) Benzene-d6	8.28	84	523370	23.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.92%
33) 1,2-Dichloropropane-d6	9.27	67	148421	24.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.28%
37) Toluene-d8	10.33	98	471963	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.00%
38) trans-1,3-Dichloropropene-	10.58	79	63700	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.44%
39) 2-Hexanone-d5	10.93	63	35797	46.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109041	24.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	162550	25.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.64%

Target Compounds					Ovalue
14) Carbon disulfide	4.39	76	4914	0.319 ug/L #	91
16) Methylene chloride	4.92	84	20380	3.493 ug/L	97

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

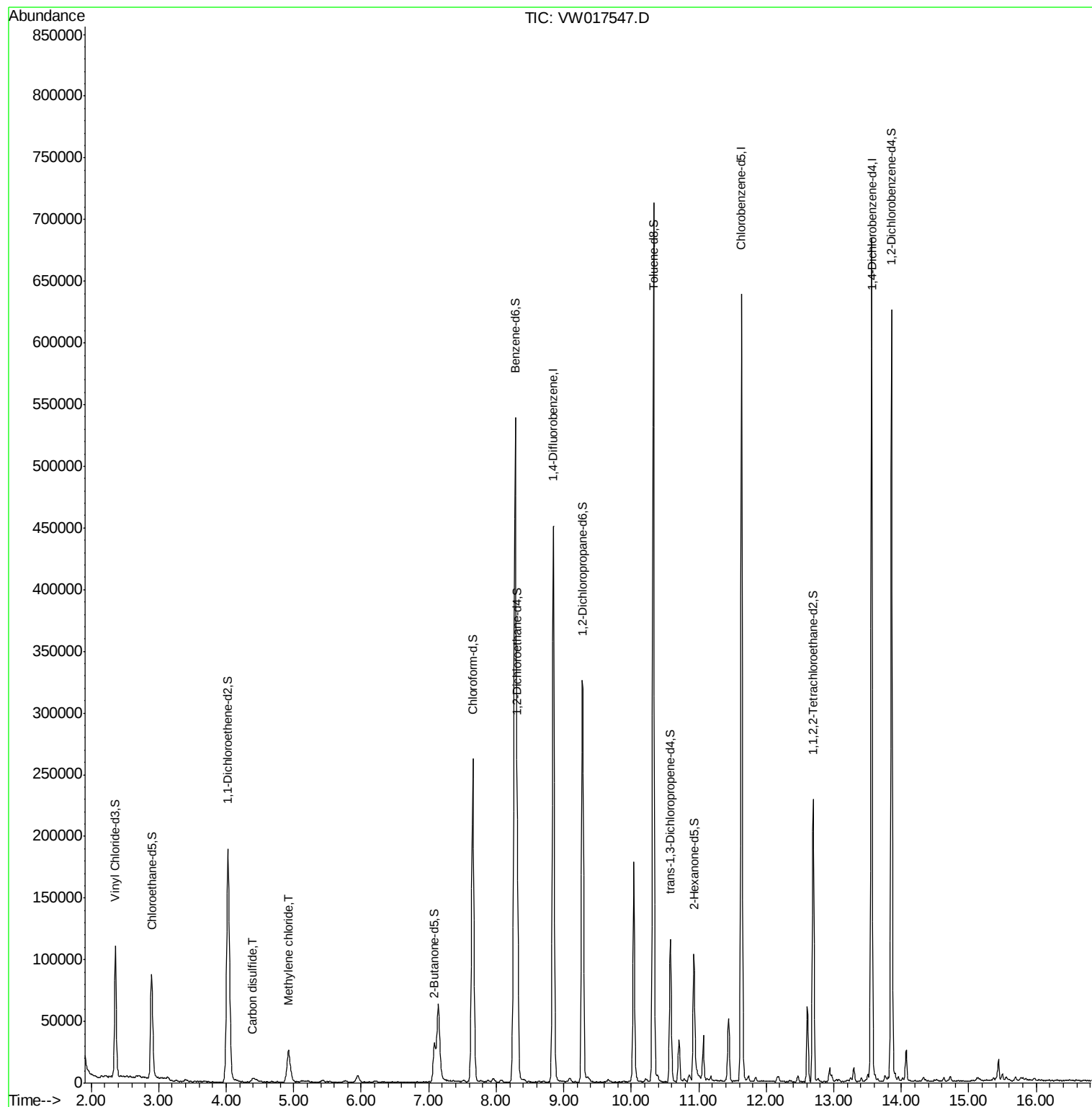
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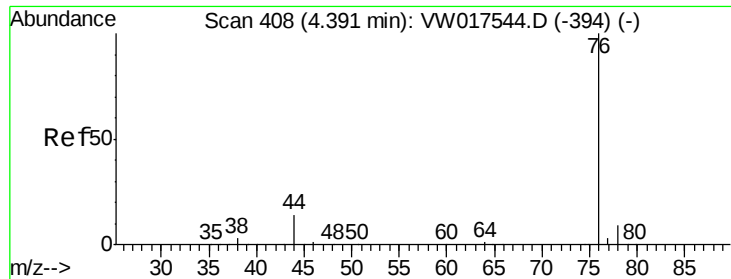
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#14

Carbon disulfide

Concen: 0.319 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW017547.D

Acq: 04 Dec 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

VIBLK16

Tot Ion: 76 Resp: 4914

Ion Ratio Lower Upper

76 100

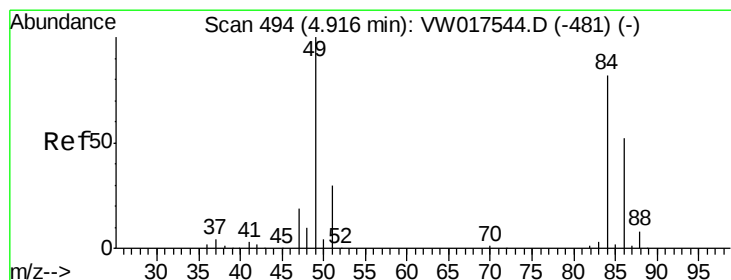
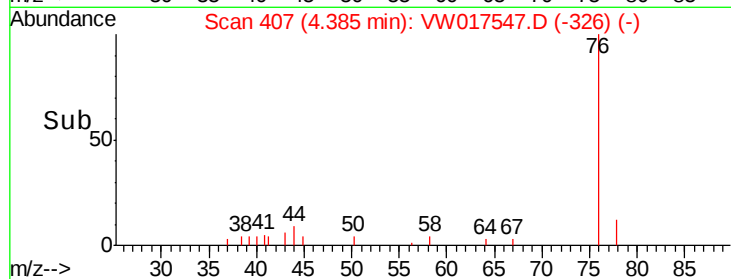
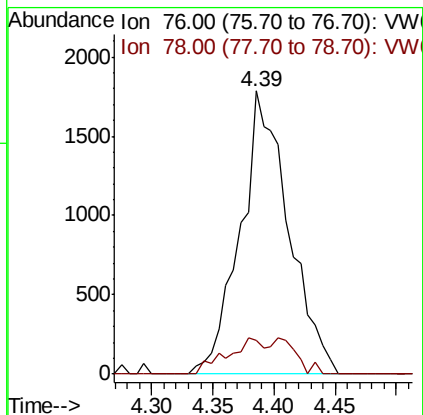
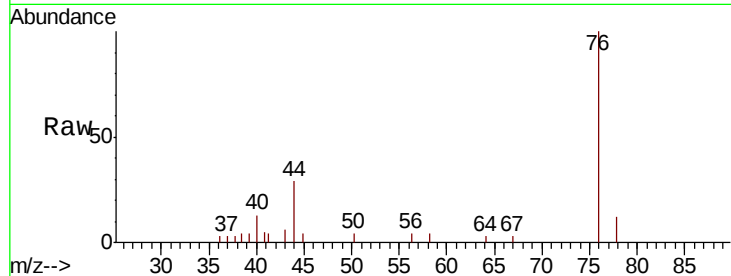
78 12.0 7.0 10.4#

Manual Integrations

APPROVED

MMDadoda

12/21/2020 1:36:08 PM



#16

Methylene chloride

Concen: 3.493 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017547.D

Acq: 04 Dec 2020 11:43

Tgt Ion: 84 Resp: 20380

Ion Ratio Lower Upper

84 100

49 115.5 81.2 150.8

86 57.7 44.5 82.7

