

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016358.D
 Acq On : 26 Aug 2020 11:40
 Operator : SY/VA
 Sample : L3807-02
 Misc : 6.35G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN7

Quant Time: Aug 27 03:27:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	284302	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	261574	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	117963	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	39387	12.98	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.92%
7) Chloroethane-d5	2.89	69	37263	16.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.68%
10) 1,1-Dichloroethene-d2	4.01	63	76145	10.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.24%#
20) 2-Butanone-d5	7.08	46	33949	39.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.64%
24) Chloroform-d	7.65	84	152582	20.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.36%
26) 1,2-Dichloroethane-d4	8.31	65	80140	20.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.92%
29) Benzene-d6	8.27	84	258809	17.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.88%
33) 1,2-Dichloropropane-d6	9.28	67	81265	20.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.44%
37) Toluene-d8	10.33	98	229869	16.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.76%
38) trans-1,3-Dichloropropene-	10.58	79	35533	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.88%
39) 2-Hexanone-d5	10.93	63	29077	44.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73700	21.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	101029	22.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.32%

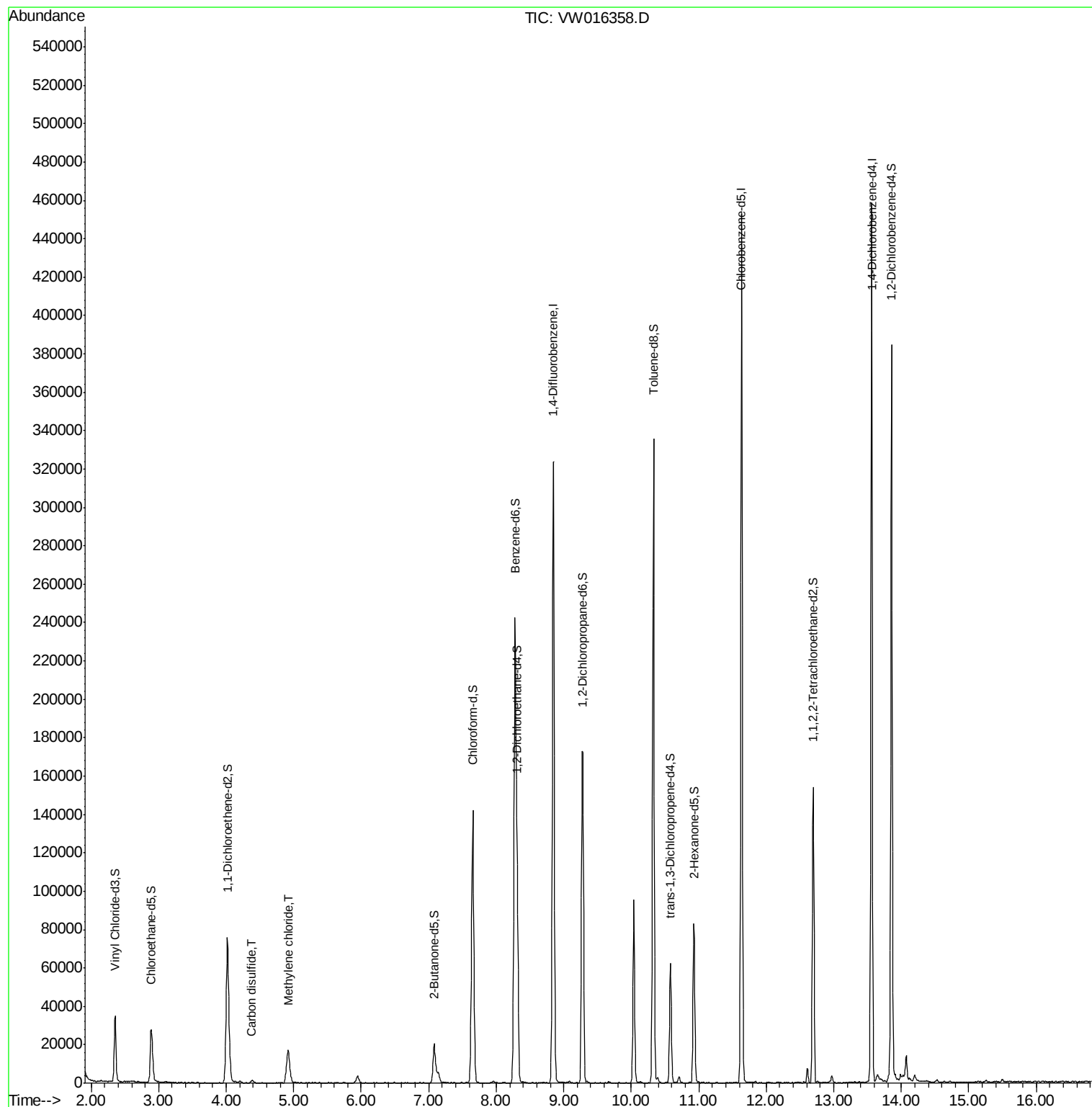
Target Compounds					Ovalue
14) Carbon disulfide	4.38	76	3287	0.294 ug/L	95
16) Methylene chloride	4.93	84	15606	2.969 ug/L	93

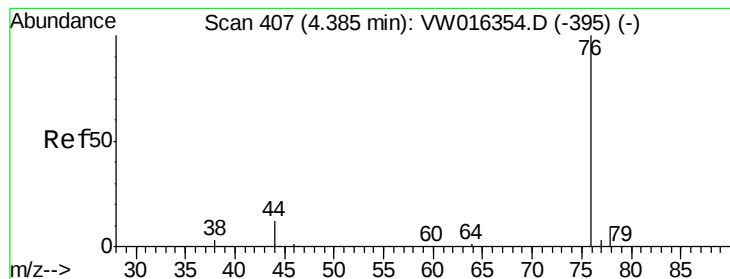
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.294 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampled :

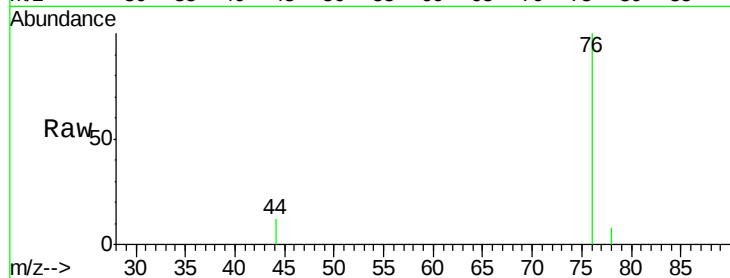
BFSN7

Tot Ion: 76 Resp: 3287

Ion Ratio Lower Upper

76 100

78 7.9 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.38

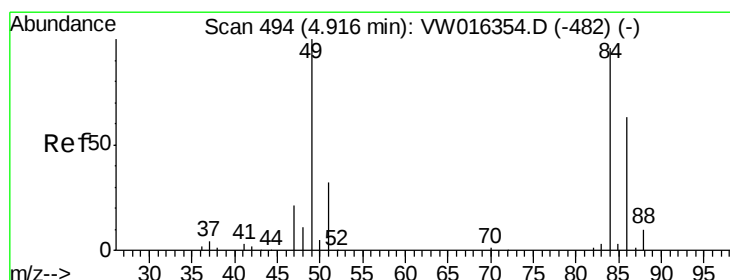
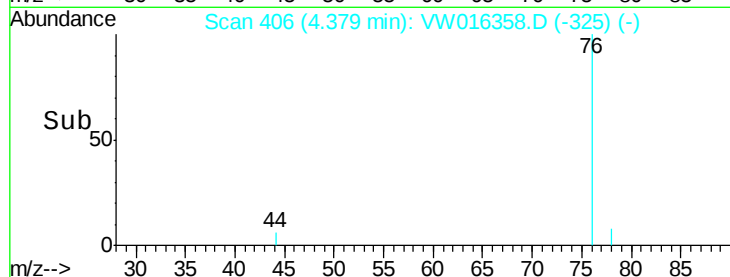
1500

1000

500

0

Time--> 4.30 4.35 4.40 4.45



#16

Methylene chloride

Concen: 2.969 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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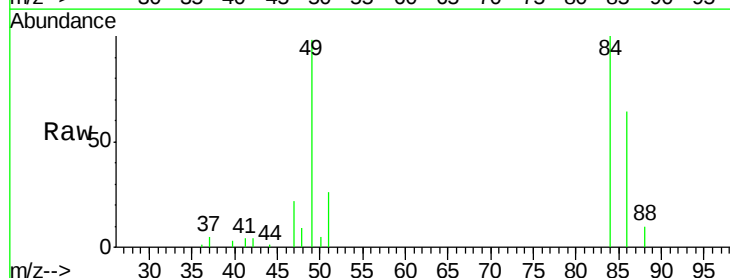
Tgt Ion: 84 Resp: 15606

Ion Ratio Lower Upper

84 100

49 98.1 75.3 139.9

86 63.8 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

4.93

6000

4000

2000

0

Time--> 4.80 4.90 5.00

