

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102220\
 Data File : VW016971.D
 Acq On : 22 Oct 2020 15:48
 Operator : SY/VA
 Sample : L4471-17
 Misc : 5.79G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG432

Quant Time: Oct 23 02:48:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 12:40:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	611282	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	550722	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	256411	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	164786	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.44%
7) Chloroethane-d5	2.89	69	124523	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.12%
10) 1,1-Dichloroethene-d2	4.02	63	232349	16.93	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.72%
20) 2-Butanone-d5	7.09	46	69257	52.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.22%
24) Chloroform-d	7.65	84	314060	22.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.08%
26) 1,2-Dichloroethane-d4	8.31	65	161875	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.56%
29) Benzene-d6	8.28	84	657768	23.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.00%
33) 1,2-Dichloropropane-d6	9.27	67	181181	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.92%
37) Toluene-d8	10.32	98	617995	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.80%
38) trans-1,3-Dichloropropene-	10.58	79	76324	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.20%
39) 2-Hexanone-d5	10.93	63	59013	55.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147458	25.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	218784	24.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.12%

Target Compounds

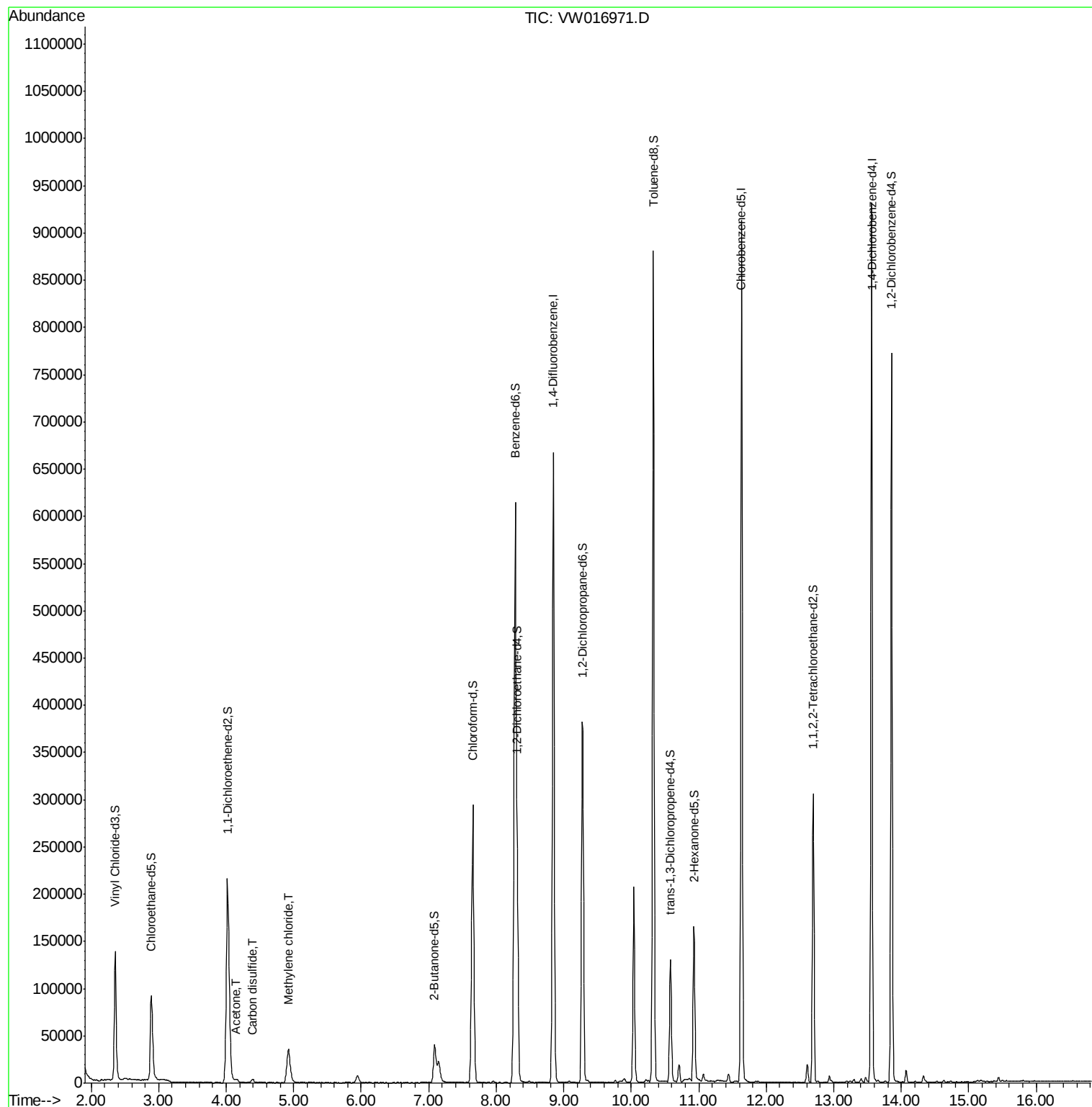
					Ovalue
13) Acetone	4.14	43	6297	7.042 ug/L	96
14) Carbon disulfide	4.39	76	7977	0.329 ug/L #	92
16) Methylene chloride	4.92	84	34570	4.277 ug/L	92

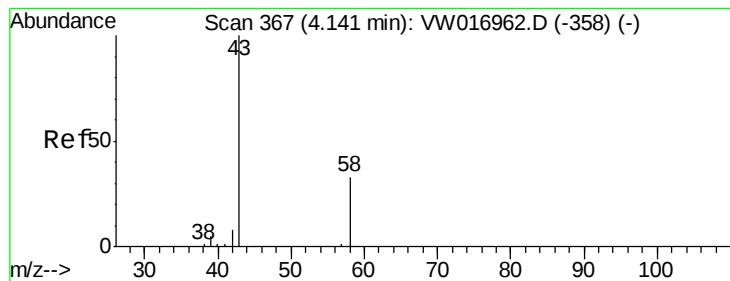
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.042 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW016971.D

Acq: 22 Oct 2020 15:48

Instrument :

MSVOA_W

ClientSampleId :

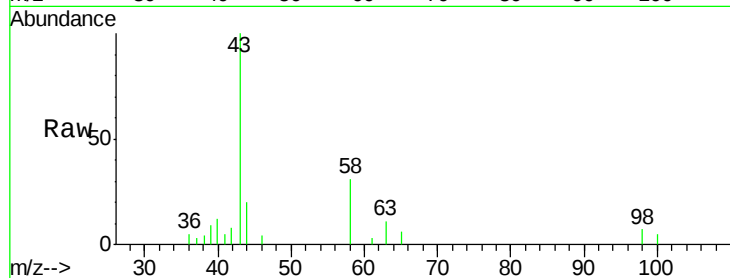
BG432

Tot Ion: 43 Resp: 6297

Ion Ratio Lower Upper

43 100

58 37.1 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1500

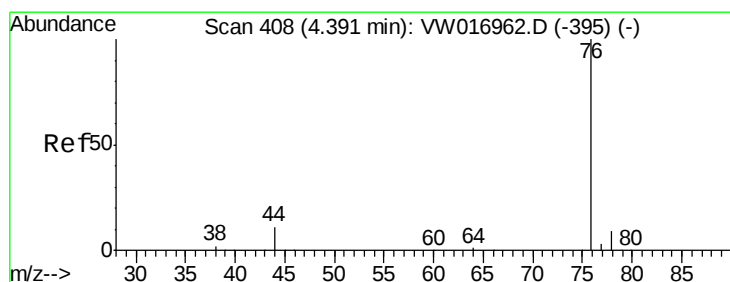
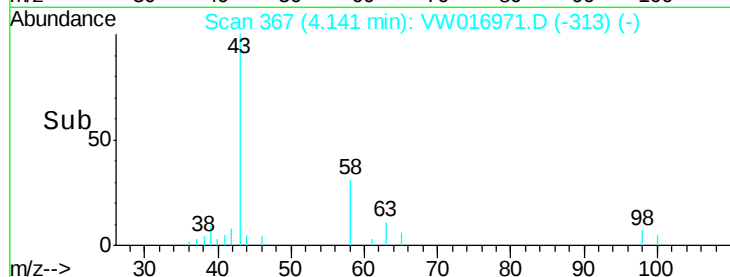
1000

500

0

4.05 4.10 4.15 4.20 4.25

Time-->



#14

Carbon disulfide

Concen: 0.329 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW016971.D

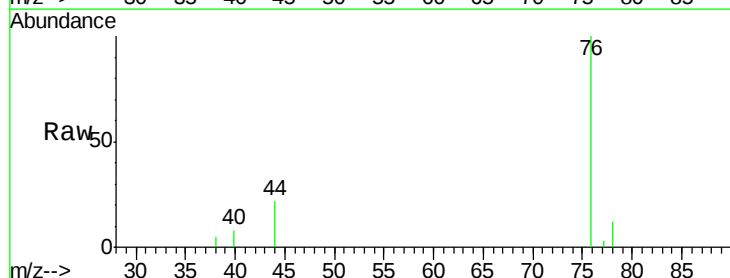
Acq: 22 Oct 2020 15:48

Tgt Ion: 76 Resp: 7977

Ion Ratio Lower Upper

76 100

78 12.1 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.39

3000

2500

2000

1500

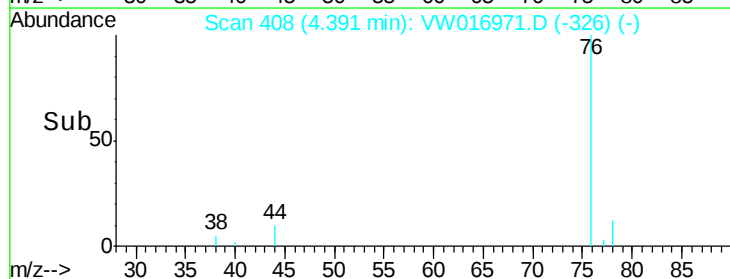
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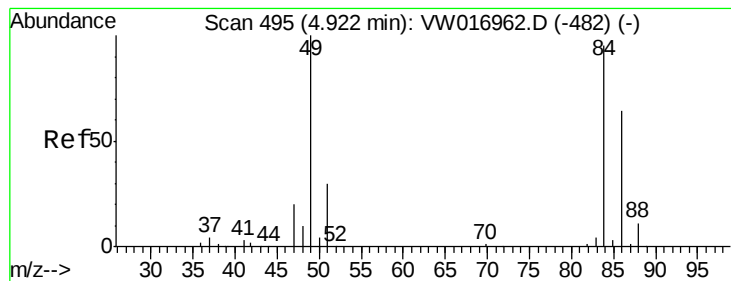
500

0

4.30 4.40 4.50

Time-->





#16
Methylene chloride
Concen: 4.277 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016971.D
Acq: 22 Oct 2020 15:48

Instrument :
MSVOA_W
ClientSampleId :
BG432

Tot Ion: 84 Resp: 34570

Ion	Ratio	Lower	Upper
84	100		
49	100.3	73.8	137.0
86	58.0	47.4	88.0

