

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061620\
 Data File : VW015604.D
 Acq On : 16 Jun 2020 13:57
 Operator : SY/VA
 Sample : L3027-01
 Misc : 5.19G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K5

Quant Time: Jun 17 06:39:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 17 06:26:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335754	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295955	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	130224	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108658	35.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	141.24%
7) Chloroethane-d5	2.90	69	88969	29.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.28%
10) 1,1-Dichloroethene-d2	4.01	63	158232	21.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.44%
20) 2-Butanone-d5	7.08	46	45199	44.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.98%
24) Chloroform-d	7.65	84	193088	24.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	8.31	65	108300	25.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.28%
29) Benzene-d6	8.27	84	386091	26.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.40%
33) 1,2-Dichloropropane-d6	9.27	67	112914	25.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.40%
37) Toluene-d8	10.33	98	353852	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.32%
38) trans-1,3-Dichloropropene-	10.58	79	46574	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.32%
39) 2-Hexanone-d5	10.93	63	33766	44.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75685	22.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	109823	25.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.68%

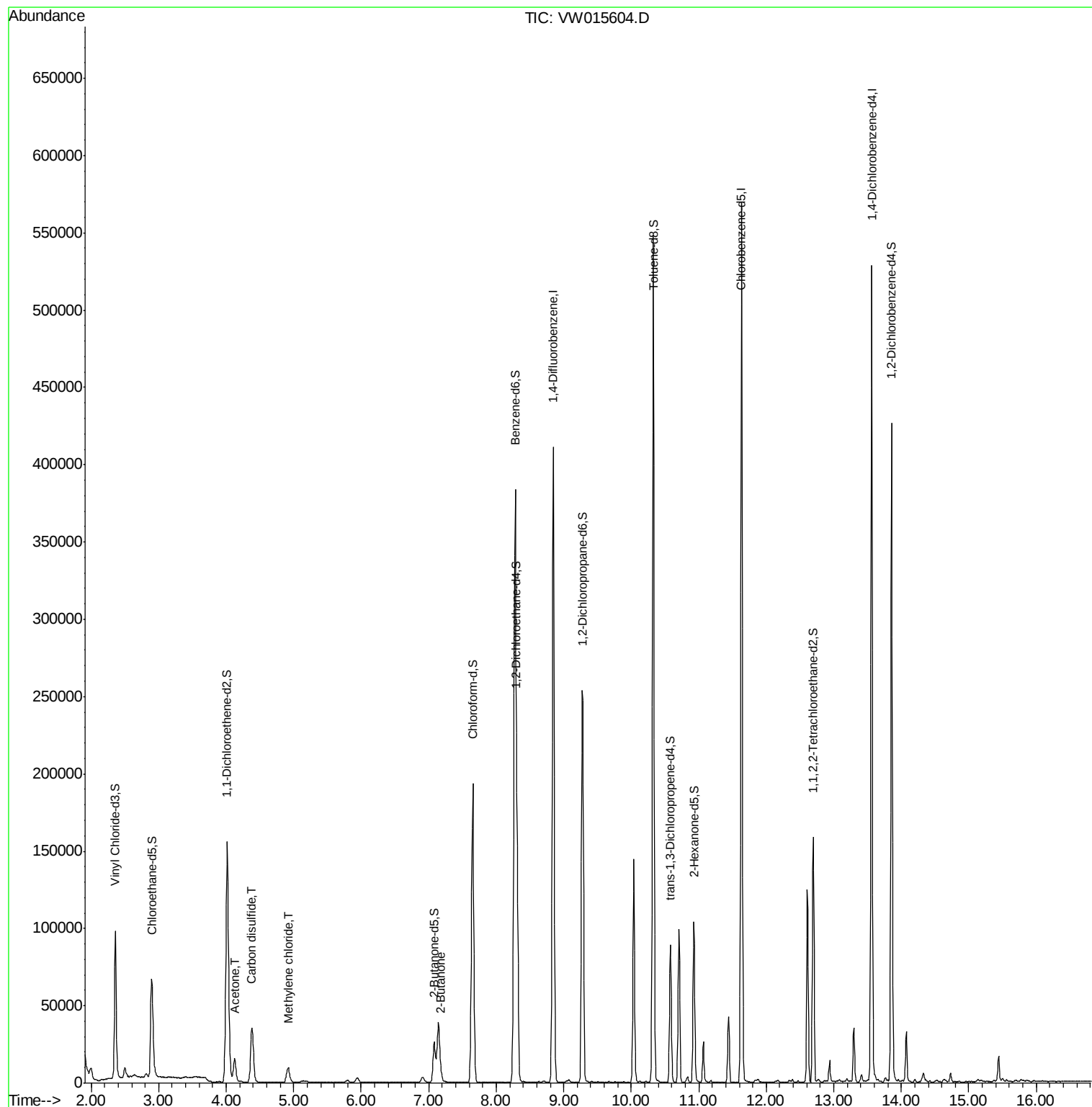
Target Compounds					Ovalue
13) Acetone	4.12	43	26657	34.326 ug/L	99
14) Carbon disulfide	4.38	76	70924	5.310 ug/L	98
16) Methylene chloride	4.92	84	7494	1.819 ug/L	89
21) 2-Butanone	7.18	43	6843	5.736 ug/L	88

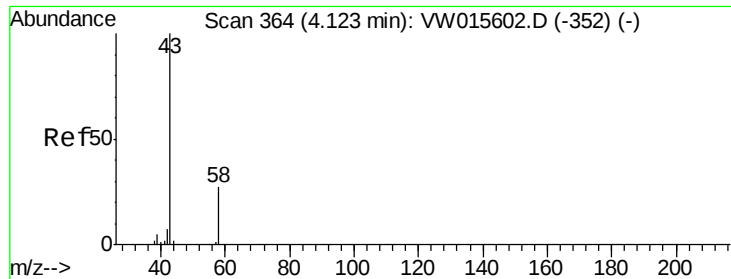
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 17 06:26:29 2020
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#13

Acetone

Concen: 34.326 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015604.D

Acq: 16 Jun 2020 13:57

Instrument :

MSVOA_W

ClientSampleId :

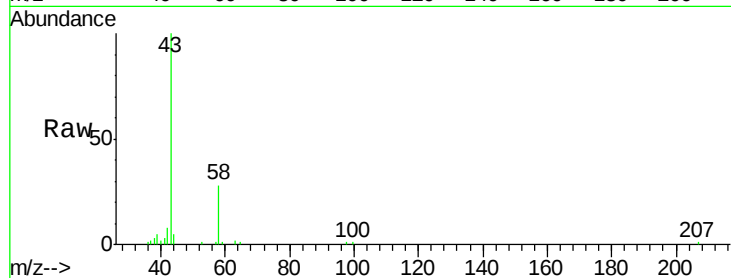
BG2K5

Tot Ion: 43 Resp: 26657

Ion Ratio Lower Upper

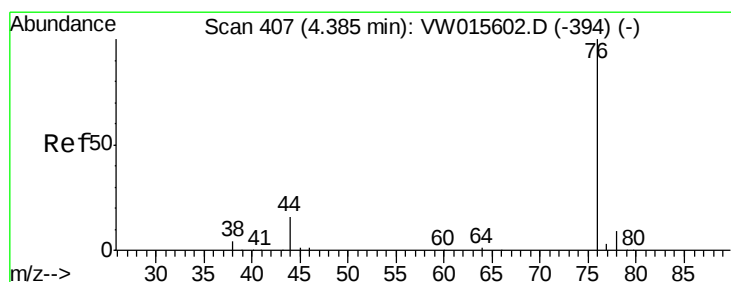
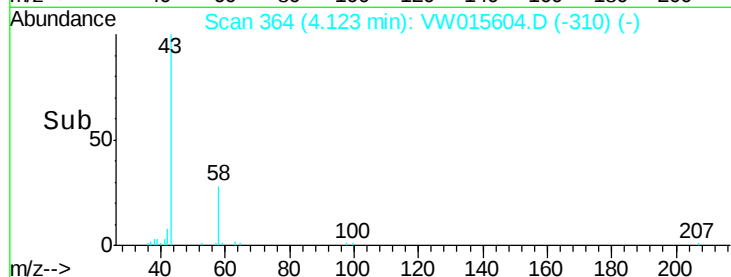
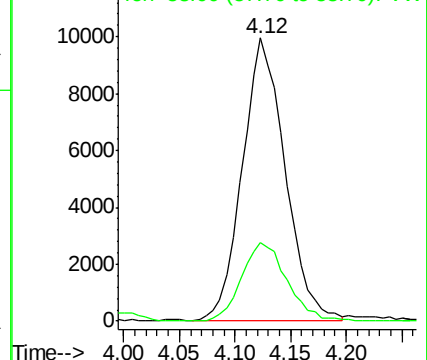
43 100

58 28.8 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 5.310 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015604.D

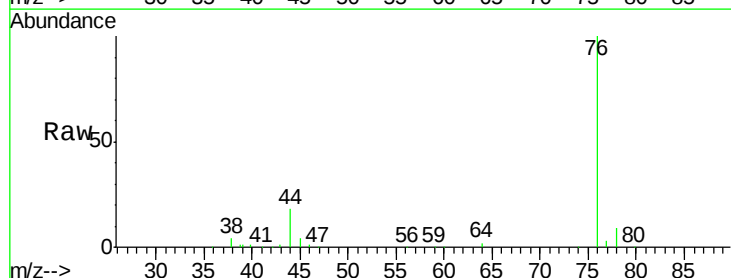
Acq: 16 Jun 2020 13:57

Tgt Ion: 76 Resp: 70924

Ion Ratio Lower Upper

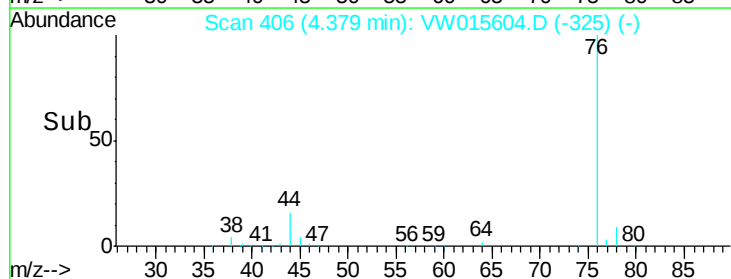
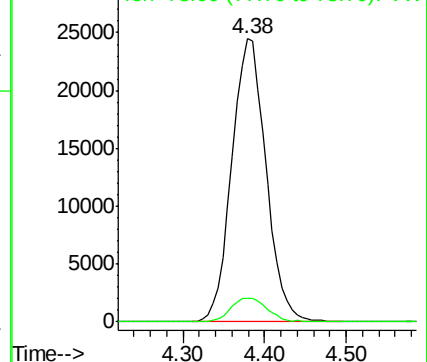
76 100

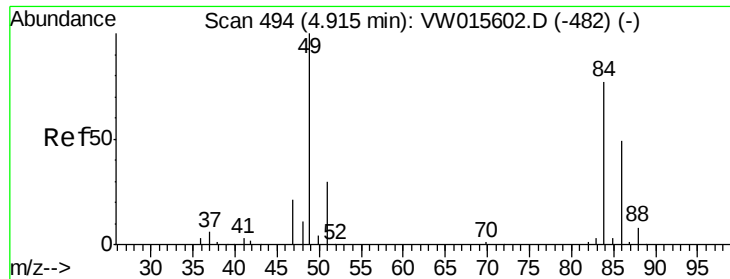
78 8.5 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

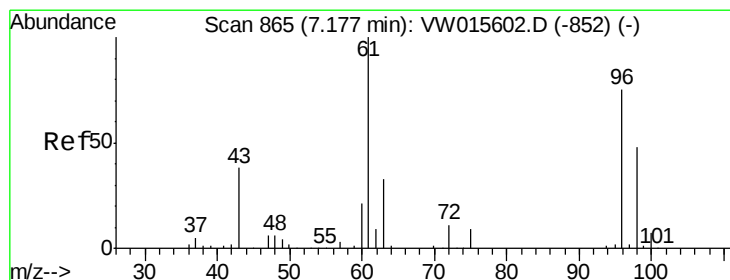
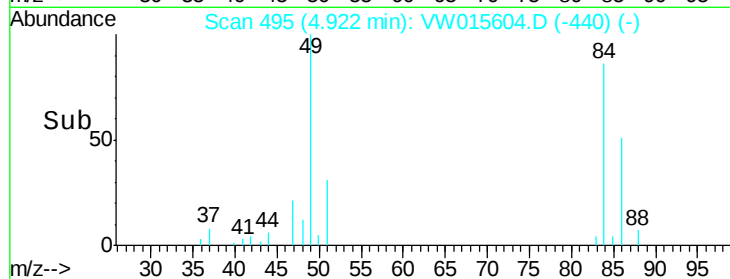
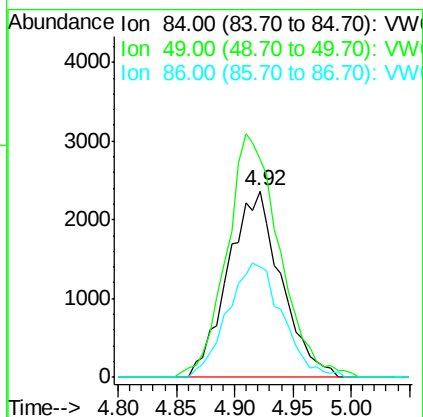
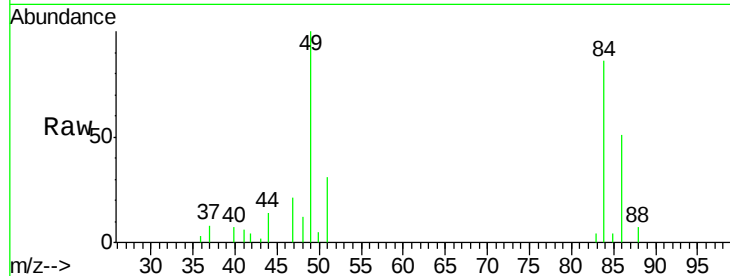




#16
Methylene chloride
Concen: 1.819 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
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Instrument :
MSVOA_W
ClientSampled :
BG2K5

Tot Ion: 84 Resp: 7494
Ion Ratio Lower Upper
84 100
49 116.9 93.0 172.8
86 59.7 44.7 83.1



#21
2-Butanone
Concen: 5.736 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015604.D
Acq: 16 Jun 2020 13:57

Tgt Ion: 43 Resp: 6843
Ion Ratio Lower Upper
43 100
72 20.2 13.3 39.9

