

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021920\
 Data File : VW015012.D
 Acq On : 19 Feb 2020 17:30
 Operator : SY/VA
 Sample : L1584-05
 Misc : 3.15G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM2

Quant Time: Feb 20 04:00:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 20 03:31:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	621746	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	535078	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152710	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118305	11.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.96%
7) Chloroethane-d5	2.89	69	192926	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.64%
10) 1,1-Dichloroethene-d2	4.01	63	283258	15.06	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.24%
20) 2-Butanone-d5	7.07	46	130099	45.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.08%
24) Chloroform-d	7.65	84	429837	24.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	8.30	65	256213	26.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.92%
29) Benzene-d6	8.27	84	817741	23.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.04%
33) 1,2-Dichloropropane-d6	9.27	67	303307	27.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.20%
37) Toluene-d8	10.32	98	638649	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.36%
38) trans-1,3-Dichloropropene-	10.58	79	70113	15.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.32%
39) 2-Hexanone-d5	10.92	63	73464	35.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	197981	23.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	133925	22.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.48%

Target Compounds

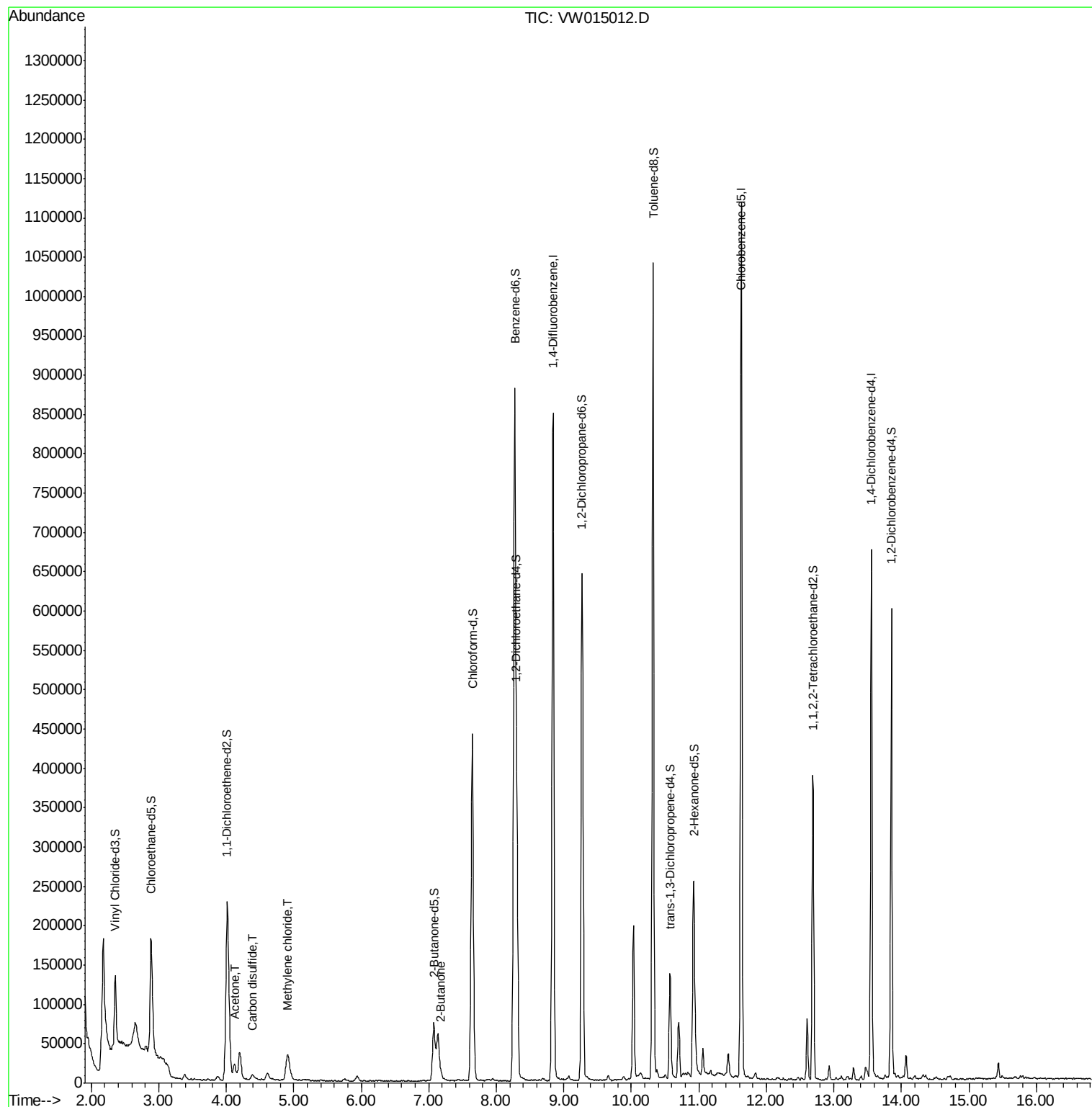
					Ovalue
13) Acetone	4.12	43	34663	11.625	ug/L 100
14) Carbon disulfide	4.38	76	15813	0.597	ug/L 99
16) Methylene chloride	4.92	84	23274	2.055	ug/L 89
21) 2-Butanone	7.18	43	14914	4.272	ug/L 79

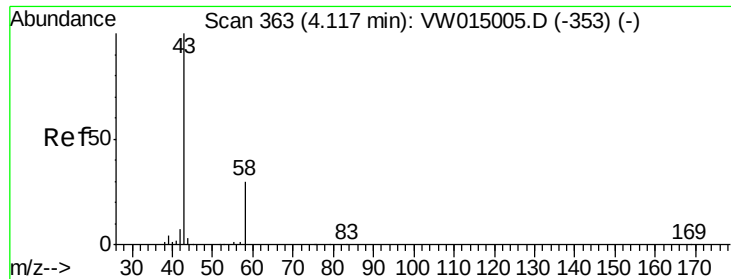
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.625 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

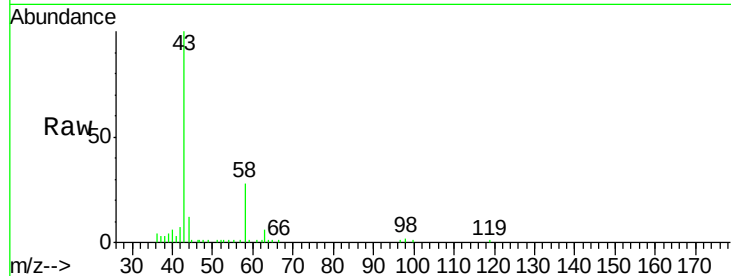
C0AM2

Tot Ion: 43 Resp: 34663

Ion Ratio Lower Upper

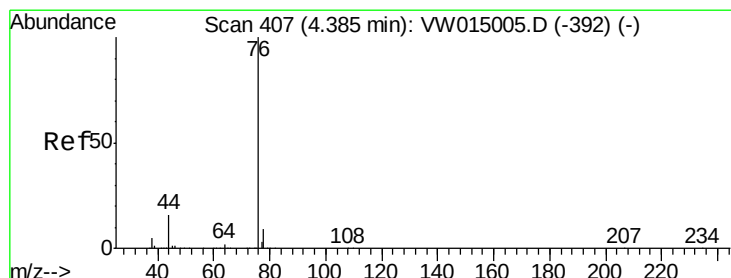
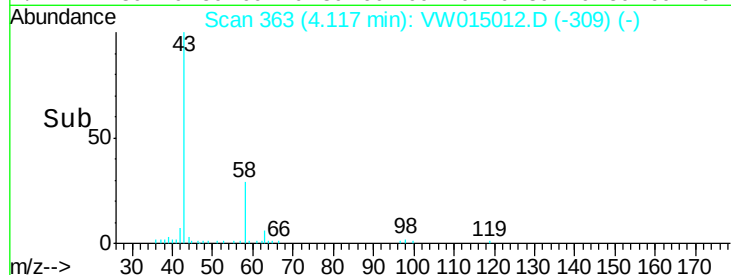
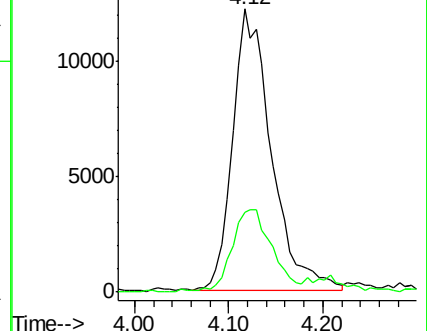
43 100

58 30.4 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.597 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW015012.D

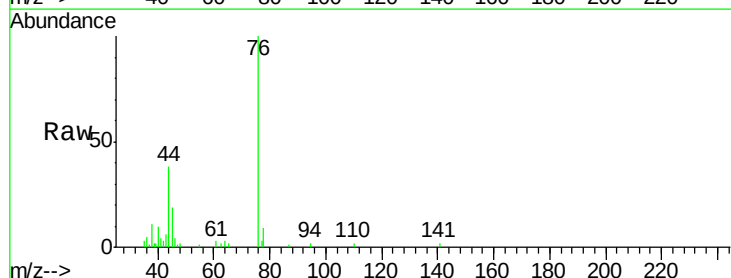
Acq: 19 Feb 2020 17:30

Tgt Ion: 76 Resp: 15813

Ion Ratio Lower Upper

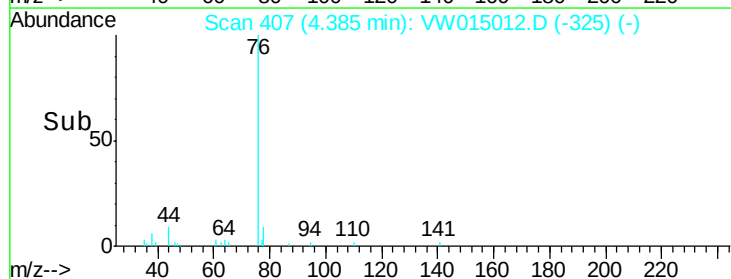
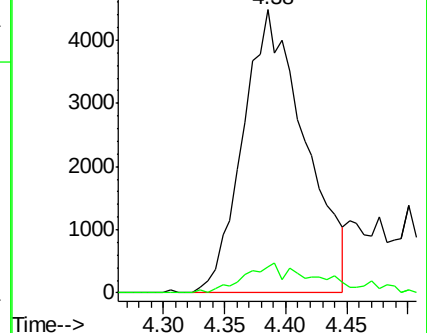
76 100

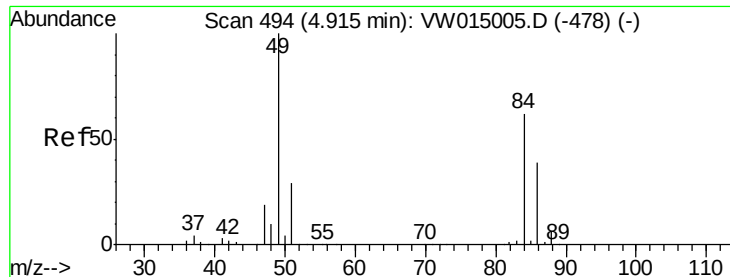
78 9.2 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

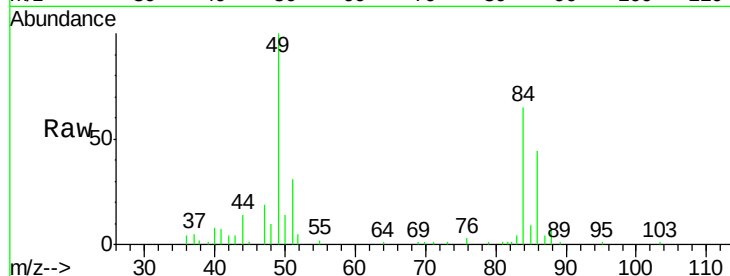




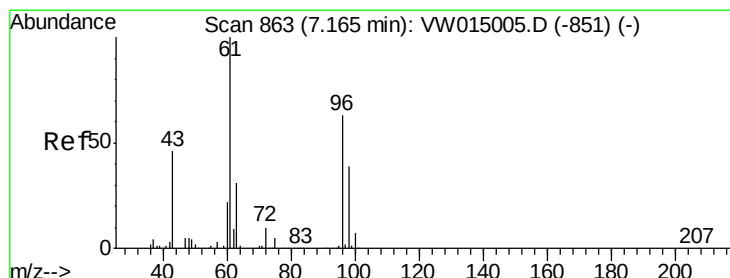
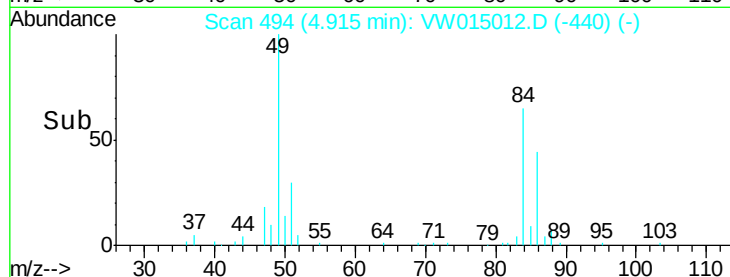
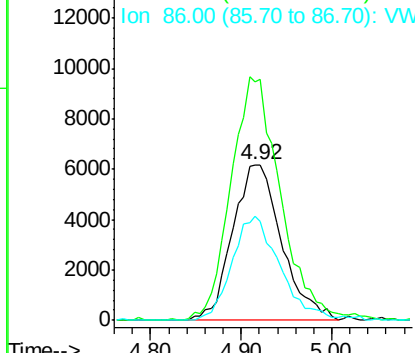
#16
Methylene chloride
Concen: 2.055 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015012.D
Acq: 19 Feb 2020 17:30

Instrument :
MSVOA_W
ClientSampled :
C0AM2

Tot Ion: 84 Resp: 23274
Ion Ratio Lower Upper
84 100
49 153.3 95.8 177.8
86 66.9 44.2 82.2

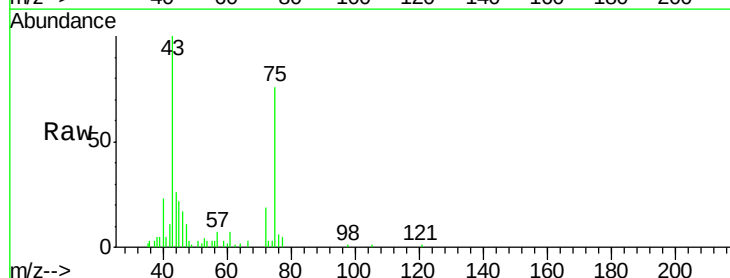


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW



#21
2-Butanone
Concen: 4.272 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015012.D
Acq: 19 Feb 2020 17:30

Tgt Ion: 43 Resp: 14914
Ion Ratio Lower Upper
43 100
72 13.4 11.9 35.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

