

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017145.D
 Acq On : 10 Nov 2020 17:11
 Operator : SY/VA
 Sample : L4659-19
 Misc : 5.54G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4B9

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 1:43:01 PM

Quant Time: Nov 11 06:38:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	481425	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	435387	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184166	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	139041	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.72%
7) Chloroethane-d5	2.90	69	114636	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
10) 1,1-Dichloroethene-d2	4.02	63	183280	16.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.60%
20) 2-Butanone-d5	7.09	46	49238	36.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.62%
24) Chloroform-d	7.65	84	265694	23.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	8.31	65	131901	23.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.44%
29) Benzene-d6	8.28	84	532425	24.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.04%
33) 1,2-Dichloropropane-d6	9.28	67	147922	24.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.48%
37) Toluene-d8	10.33	98	499564	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.60%
38) trans-1,3-Dichloropropene-	10.58	79	55851	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.80%
39) 2-Hexanone-d5	10.93	63	39511	36.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109512	20.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	162837	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
13) Acetone	4.14	43	6546	7.210 ug/L	92
14) Carbon disulfide	4.39	76	6863	0.422 ug/L	97
16) Methylene chloride	4.93	84	6092m	0.939 ug/L	
43) 4-Methyl-2-pentanone	10.21	43	5091	1.544 ug/L	98

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

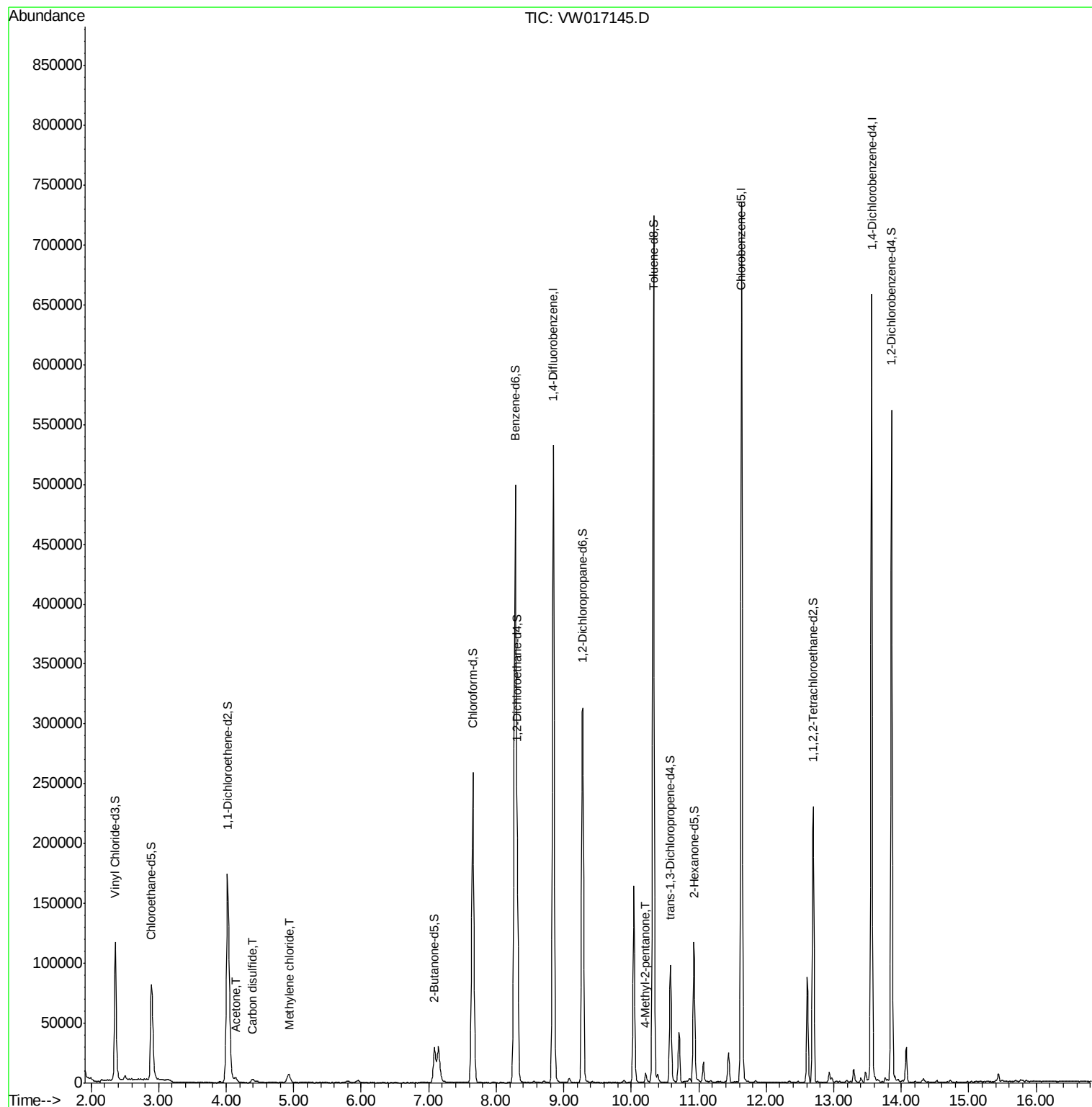
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
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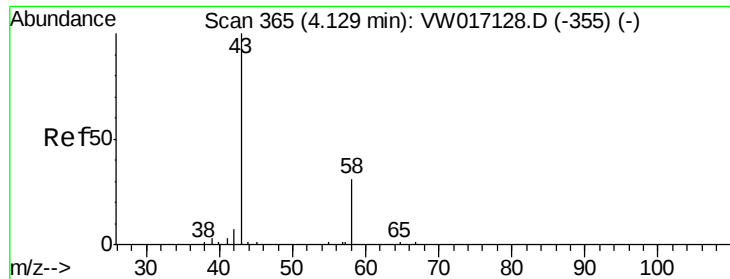
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Nov 11 06:38:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 11 05:30:56 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.210 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017145.D

Acq: 10 Nov 2020 17:11

Instrument :

MSVOA_W

ClientSampled :

BG4B9

Tot Ion: 43 Resp: 6546

Ion Ratio Lower Upper

43 100

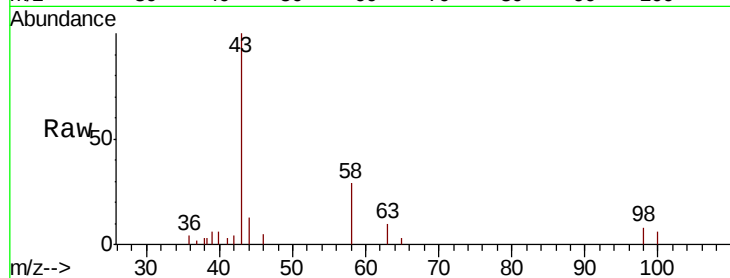
58 29.9 0.0 69.2

Manual Integrations

APPROVED

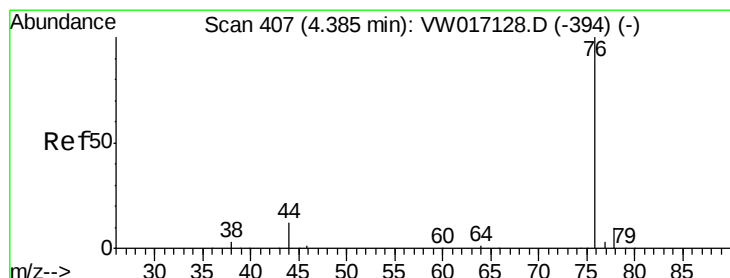
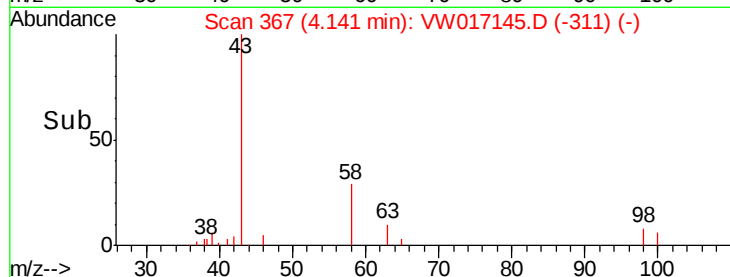
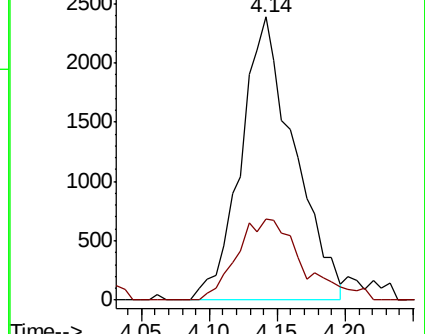
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11/12/2020 1:43:01 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.422 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017145.D

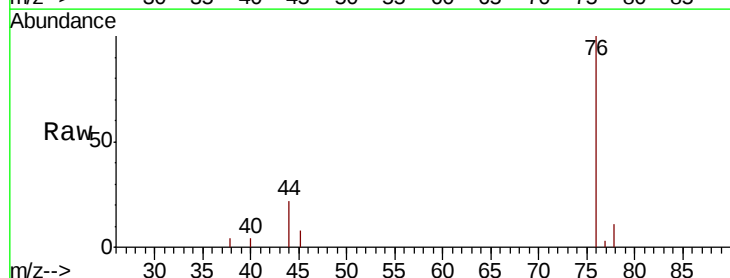
Acq: 10 Nov 2020 17:11

Tgt Ion: 76 Resp: 6863

Ion Ratio Lower Upper

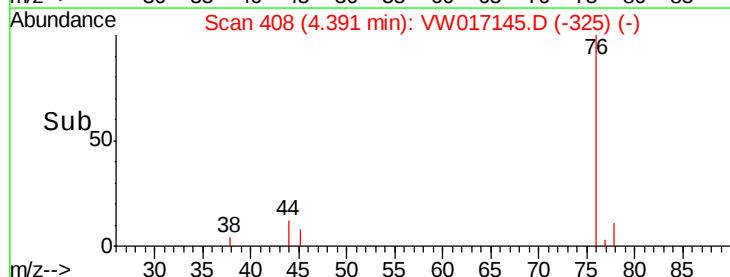
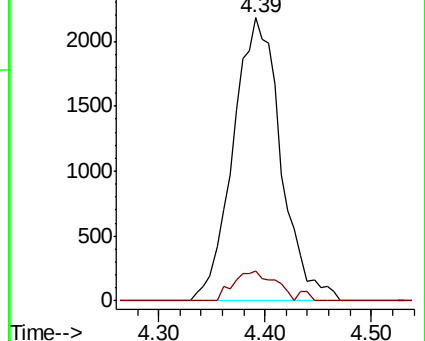
76 100

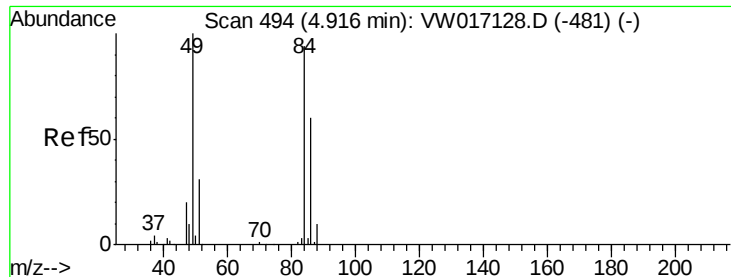
78 10.5 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





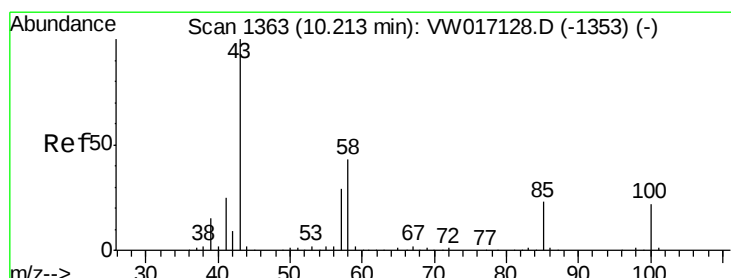
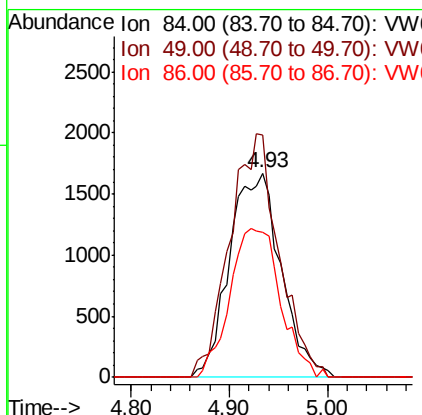
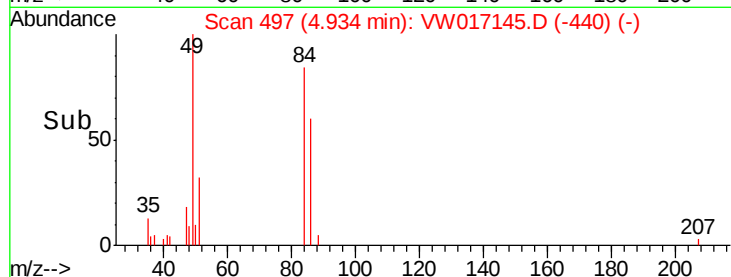
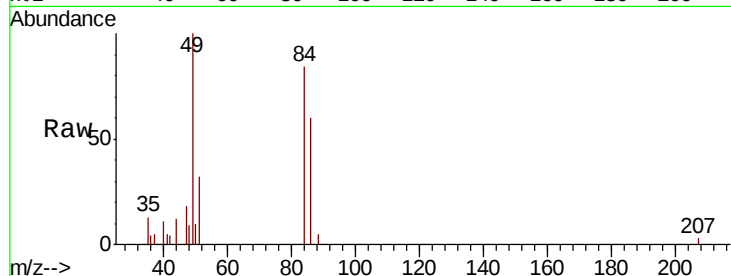
#16
Methylene chloride
Concen: 0.939 ug/L m
RT: 4.93 min Scan# 497
Delta R.T. 0.02 min
Lab File: VW017145.D
Acq: 10 Nov 2020 17:11

Instrument :
MSVOA_W
ClientSampled :
BG4B9

Tot Ion	84	Resp	6092
Ion	Ratio	Lower	Upper
84	100		
49	118.9	72.3	134.3
86	70.9	45.1	83.7

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#43
4-Methyl-2-pentanone
Concen: 1.544 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017145.D
Acq: 10 Nov 2020 17:11

Tgt Ion	43	Resp	5091
Ion	Ratio	Lower	Upper
43	100		
58	42.9	35.0	52.6
100	22.0	16.6	24.8

