

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017177.D
 Acq On : 12 Nov 2020 11:51
 Operator : SY/VA
 Sample : VW1112SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK29

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 10:51:02 AM

Quant Time: Nov 13 04:28:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	387110	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	363067	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167681	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127106	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.28%
7) Chloroethane-d5	2.90	69	108136	28.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.12%
10) 1,1-Dichloroethene-d2	4.03	63	167143	19.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.64%
20) 2-Butanone-d5	7.09	46	54325	49.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.64%
24) Chloroform-d	7.65	84	252441	27.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.72%
26) 1,2-Dichloroethane-d4	8.31	65	128208	28.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.16%
29) Benzene-d6	8.28	84	484636	26.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.84%
33) 1,2-Dichloropropane-d6	9.28	67	136582	26.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.84%
37) Toluene-d8	10.33	98	452591	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.84%
38) trans-1,3-Dichloropropene-	10.58	79	55320	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.96%
39) 2-Hexanone-d5	10.93	63	42207	47.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117717	26.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	169447	28.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	4.40	76	6082m	0.465	ug/L	
16) Methylene chloride	4.93	84	7127	1.366	ug/L	87
43) 4-Methyl-2-pentanone	10.21	43	3045	1.107	ug/L	96
44) Toluene	10.39	91	4979	0.237	ug/L	98

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

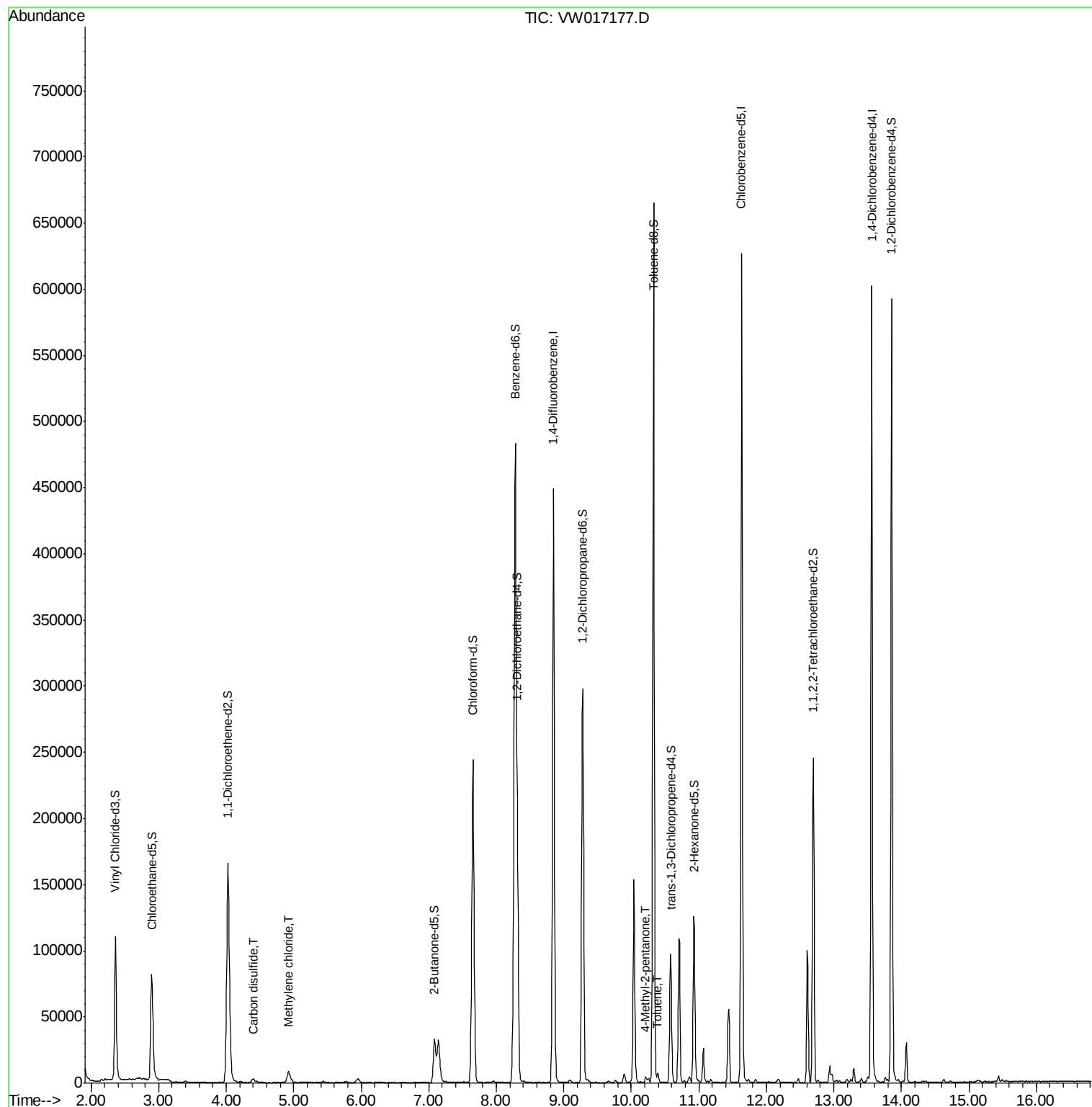
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
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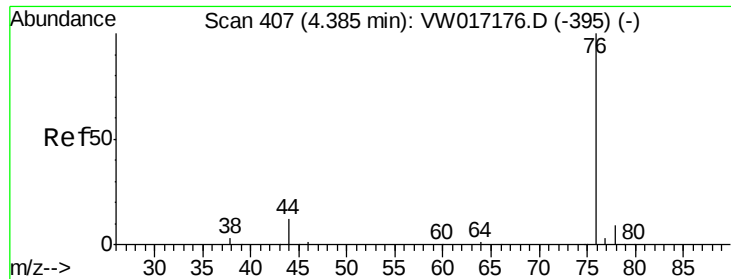
Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Nov 13 04:11:30 2020
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.465 ug/L m

RT: 4.40 min Scan# 410

Delta R.T. 0.02 min

Lab File: VW017177.D

Acq: 12 Nov 2020 11:51

Instrument :

MSVOA_W

ClientSampleId :

VBLK29

Tot Ion: 76 Resp: 6082

Ion Ratio Lower Upper

76 100

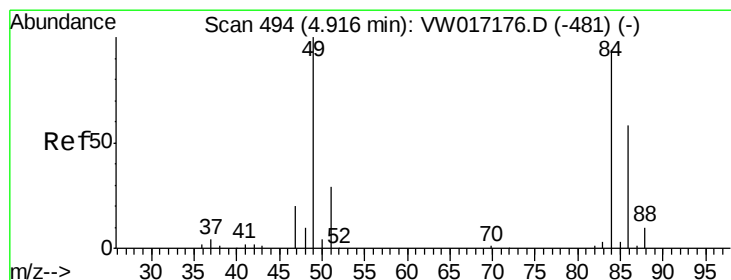
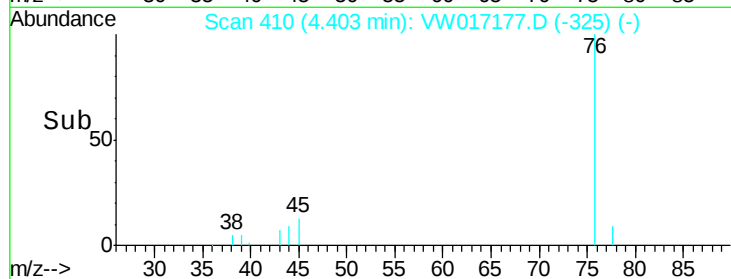
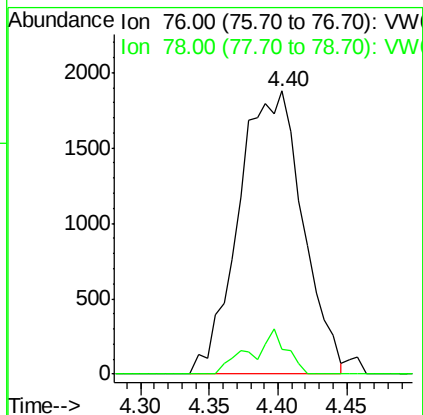
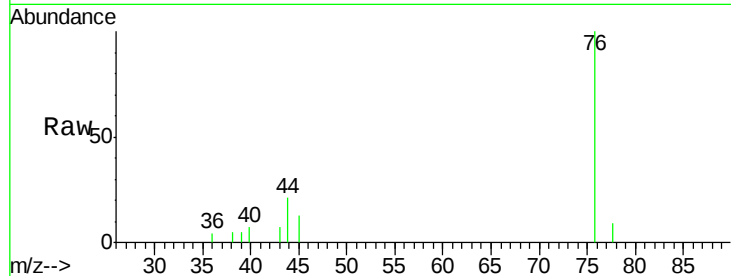
78 8.8 7.6 11.4

Manual Integrations

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11/18/2020 10:51:02 AM



#16

Methylene chloride

Concen: 1.366 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017177.D

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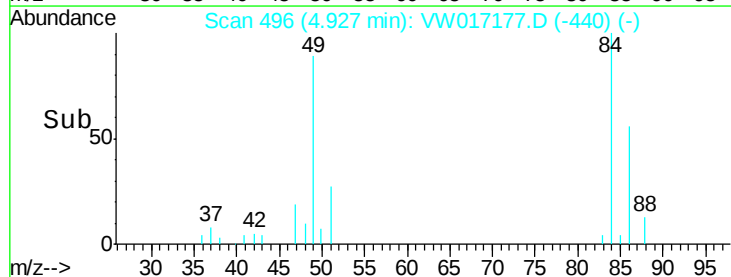
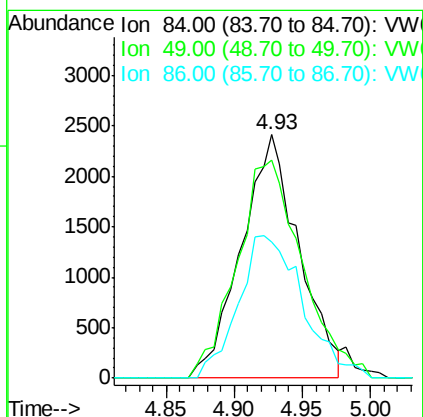
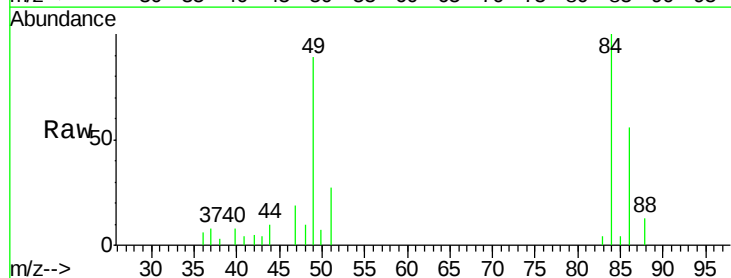
Tgt Ion: 84 Resp: 7127

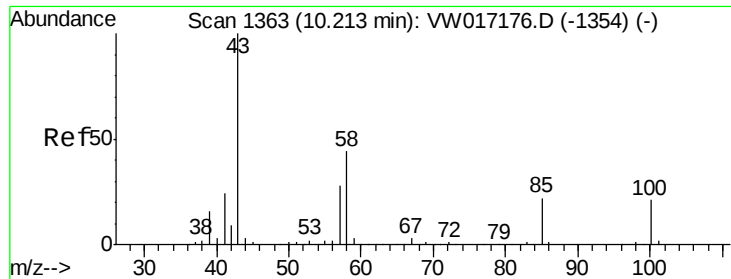
Ion Ratio Lower Upper

84 100

49 89.3 72.3 134.3

86 55.7 45.1 83.7





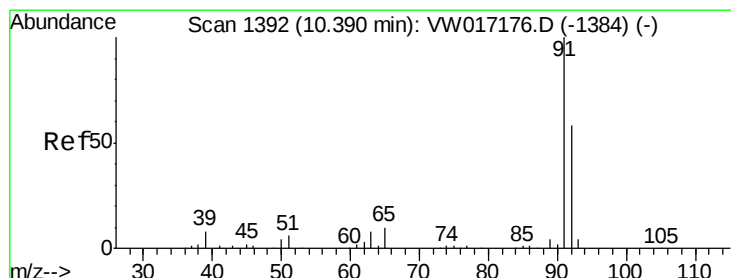
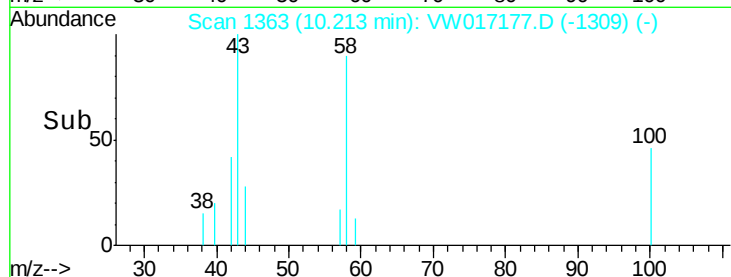
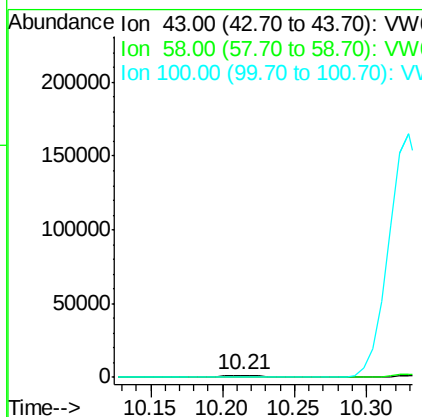
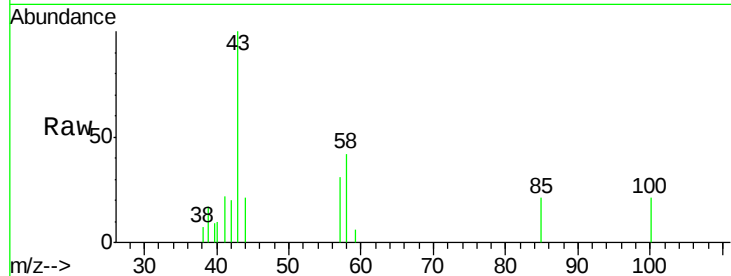
#43
4-Methyl-2-pentanone
Concen: 1.107 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
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Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	35.0	52.6
100	20.4	16.6	24.8

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#44
Toluene
Concen: 0.237 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW017177.D
Acq: 12 Nov 2020 11:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.4	41.4	76.8

