

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017166.D
 Acq On : 11 Nov 2020 16:11
 Operator : SY/VA
 Sample : VIBLK25
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK25

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:41:09 AM

Quant Time: Nov 12 05:50:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	392220	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366459	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173598	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132458	26.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.24%
7) Chloroethane-d5	2.89	69	109910	28.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.48%
10) 1,1-Dichloroethene-d2	4.03	63	170163	19.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.04%
20) 2-Butanone-d5	7.09	46	56466	51.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.22%
24) Chloroform-d	7.65	84	259752	28.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.48%
26) 1,2-Dichloroethane-d4	8.31	65	131490	28.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.56%
29) Benzene-d6	8.27	84	492434	26.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.56%
33) 1,2-Dichloropropane-d6	9.28	67	140592	27.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.96%
37) Toluene-d8	10.32	98	461805	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.96%
38) trans-1,3-Dichloropropene-	10.58	79	57011	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.00%
39) 2-Hexanone-d5	10.93	63	46434	51.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122367	27.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	175075	28.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.52%

Target Compounds

					Ovalue
14) Carbon disulfide	4.40	76	4349m	0.328	ug/L
16) Methylene chloride	4.92	84	5645m	1.068	ug/L
43) 4-Methyl-2-pentanone	10.21	43	3155	1.137	ug/L
47) Tetrachloroethene	10.87	164	143084	29.421	ug/L

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

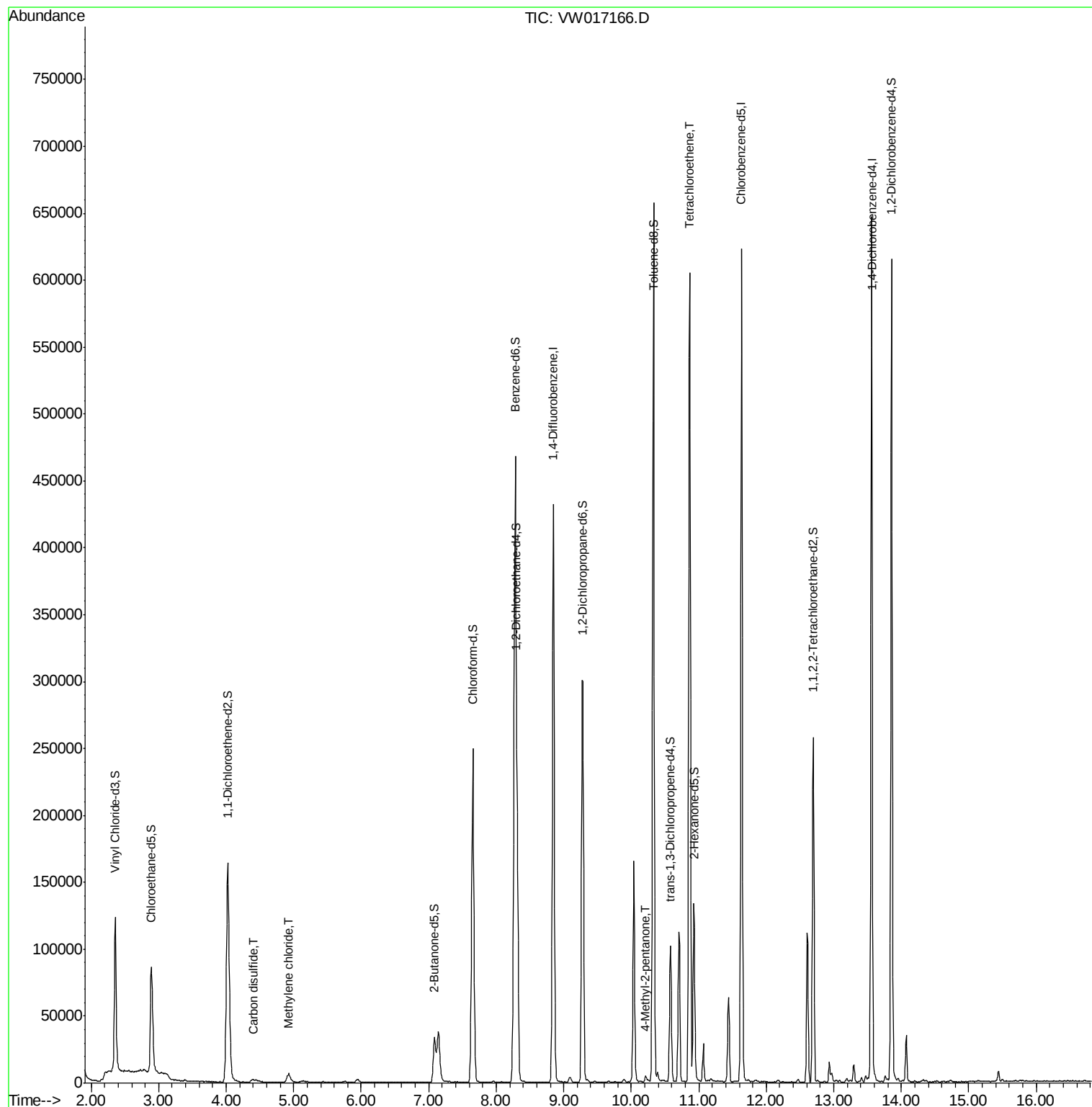
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111120\
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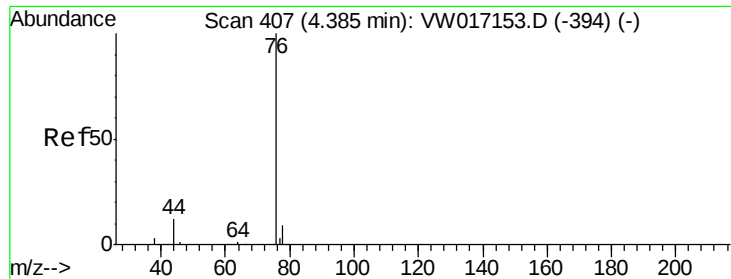
Instrument :
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Quant Title : VOC Analysis
QLast Update : Thu Nov 12 03:07:51 2020
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.328 ug/L m

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW017166.D

Acq: 11 Nov 2020 16:11

Instrument :

MSVOA_W

ClientSampleId :

VIBLK25

Tot Ion: 76 Resp: 4349

Ion Ratio Lower Upper

76 100

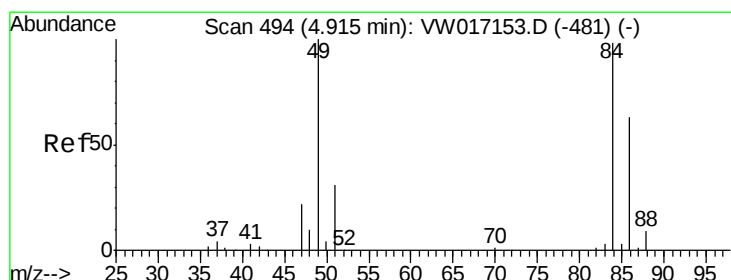
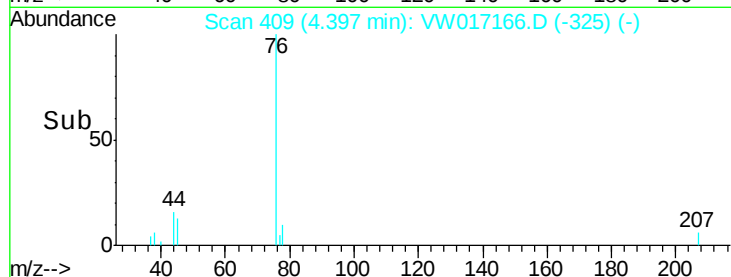
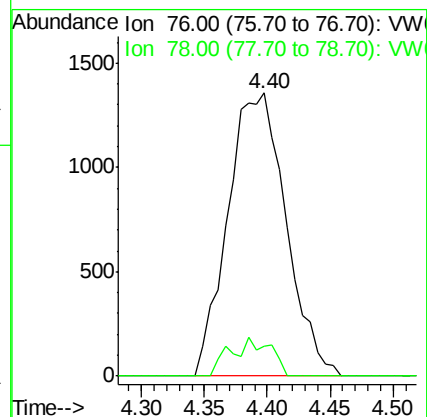
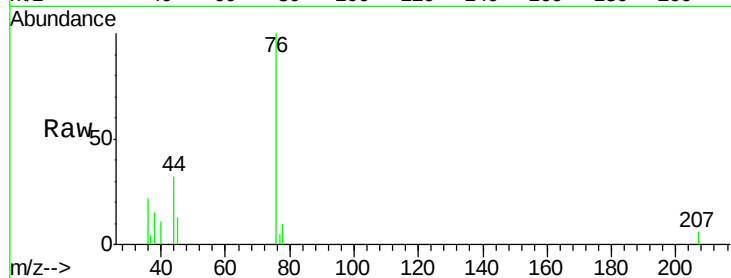
78 10.5 7.6 11.4

Manual Integrations

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#16

Methylene chloride

Concen: 1.068 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017166.D

Acq: 11 Nov 2020 16:11

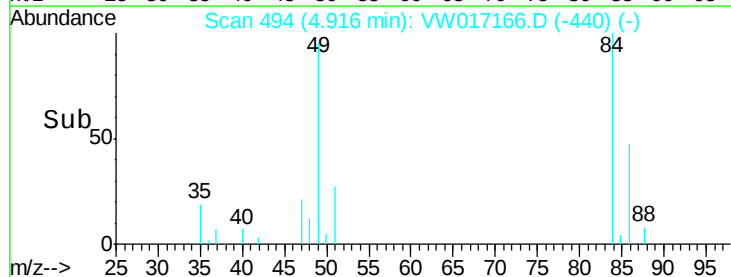
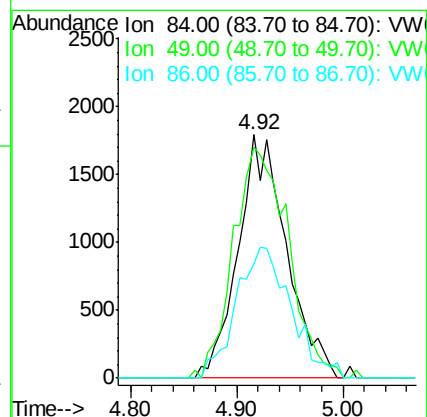
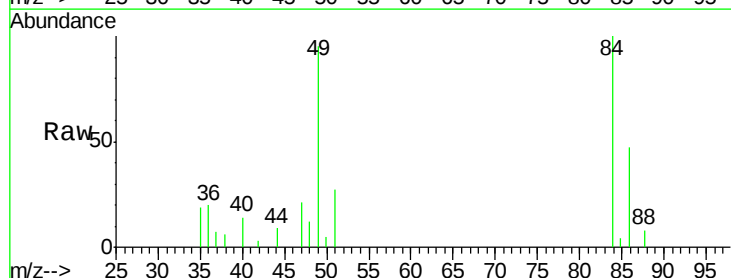
Tgt Ion: 84 Resp: 5645

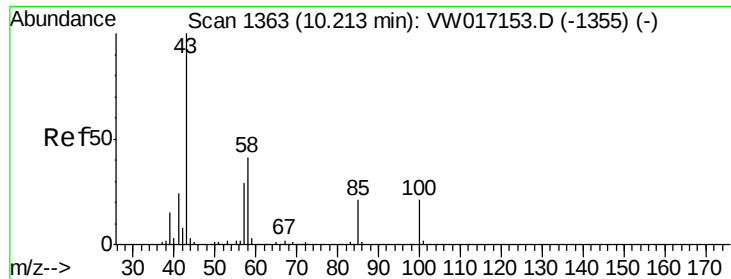
Ion Ratio Lower Upper

84 100

49 95.0 72.3 134.3

86 46.7 45.1 83.7





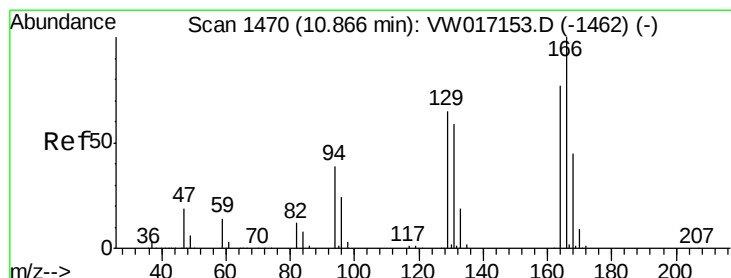
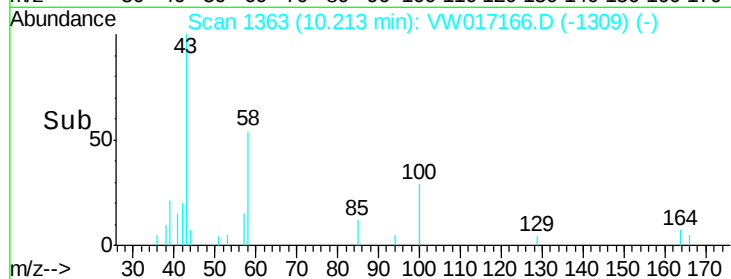
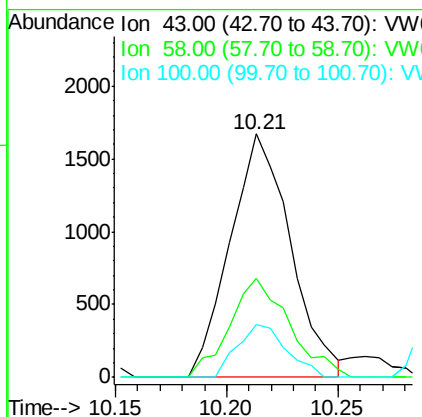
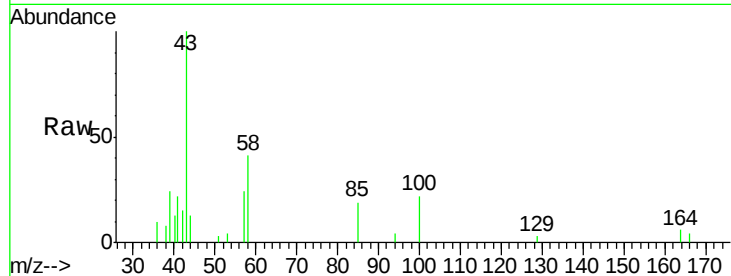
#43
4-Methyl-2-pentanone
Concen: 1.137 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017166.D
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Tot Ion:	43	Resp:	3155
Ion	Ratio	Lower	Upper
43	100		
58	40.3	35.0	52.6
100	17.8	16.6	24.8

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#47
Tetrachloroethene
Concen: 29.421 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW017166.D
Acq: 11 Nov 2020 16:11

Tgt Ion:	164	Resp:	143084
Ion	Ratio	Lower	Upper
164	100		
129	88.9	62.9	116.7
131	86.6	63.3	117.5
166	126.6	92.0	170.8

