

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017172.D
 Acq On : 11 Nov 2020 18:32
 Operator : SY/VA
 Sample : VIBLK28
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK28

Manual Integrations
 APPROVED

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 11/13/2020 11:41:14 AM

Quant Time: Nov 12 06:13:58 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	450147	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	413092	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	191297	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	127275	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.80%
7) Chloroethane-d5	2.89	69	105977	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.04%
10) 1,1-Dichloroethene-d2	4.03	63	164532	16.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.88%
20) 2-Butanone-d5	7.09	46	48099	37.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.86%
24) Chloroform-d	7.65	84	248818	23.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	8.31	65	124950	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.68%
29) Benzene-d6	8.28	84	487188	23.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.64%
33) 1,2-Dichloropropane-d6	9.28	67	136263	23.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.68%
37) Toluene-d8	10.33	98	447005	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.16%
38) trans-1,3-Dichloropropene-	10.58	79	53574	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.68%
39) 2-Hexanone-d5	10.93	63	38763	38.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108671	21.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	173049	25.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.72%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	8292m	1.366	ug/L
43) 4-Methyl-2-pentanone	10.21	43	2199	0.703	ug/L
47) Tetrachloroethene	10.87	164	7914	1.444	ug/L

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

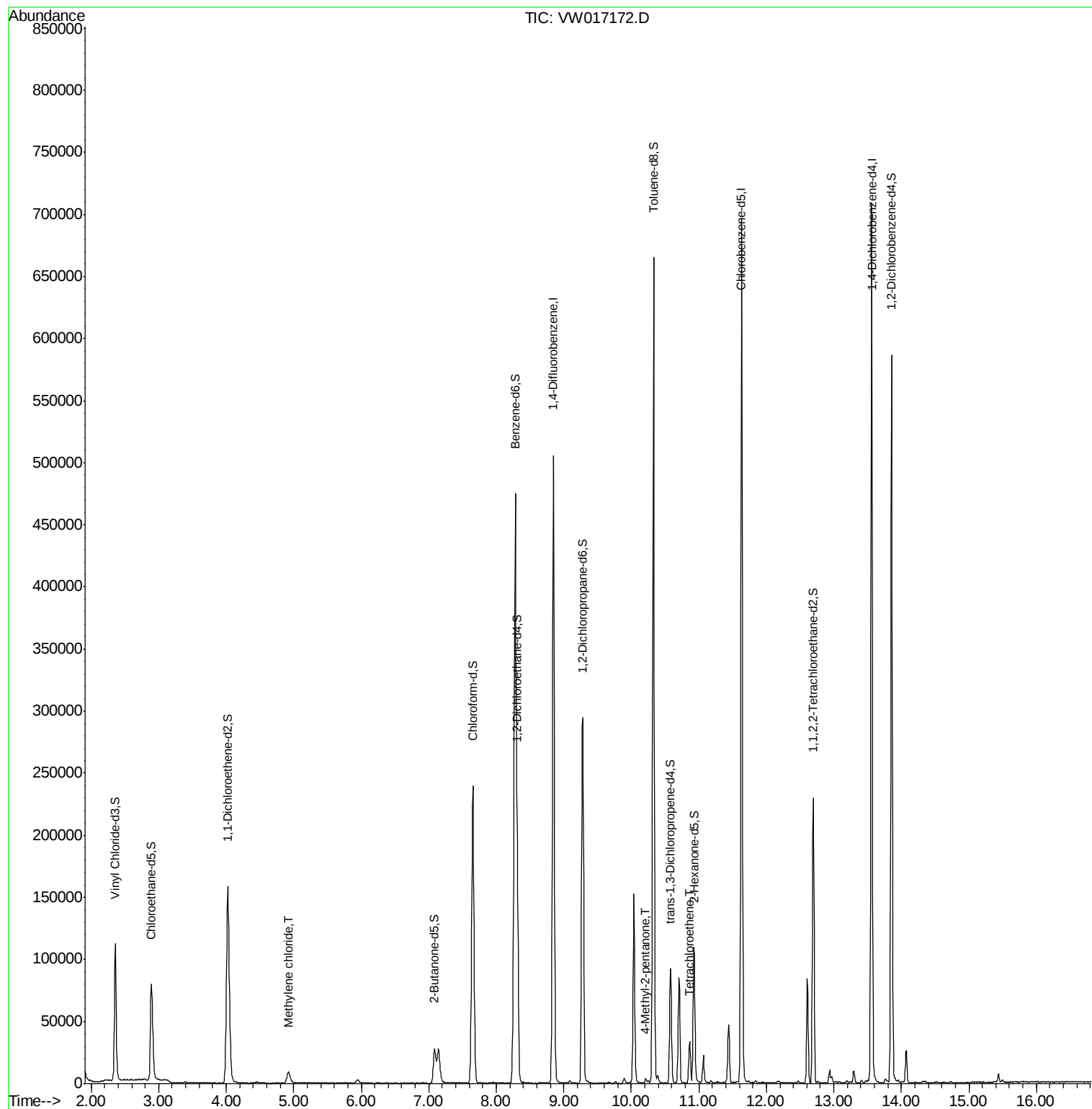
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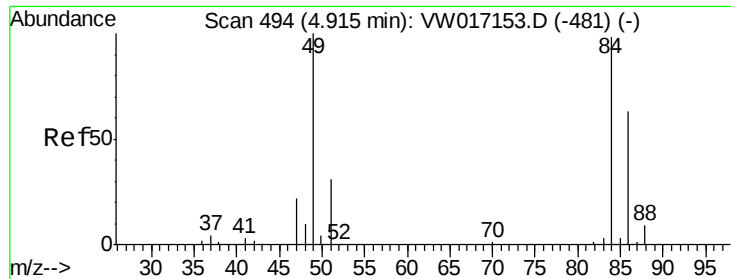
Instrument :
MSVOA_W
ClientSampled :
VIBLK28

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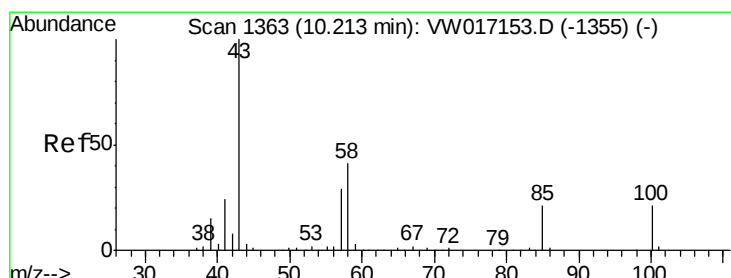
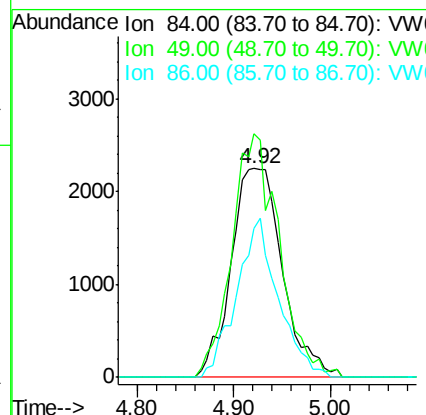
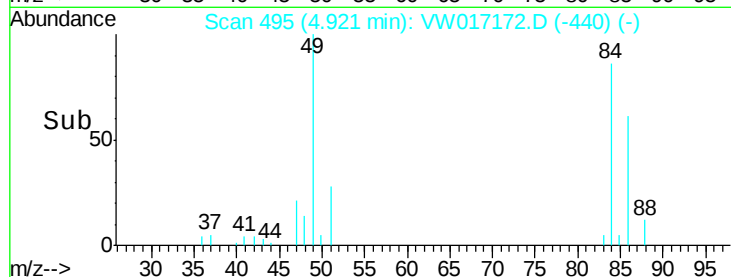
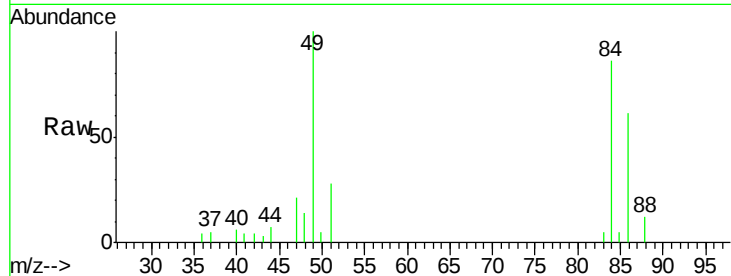
#16
Methylene chloride
Concen: 1.366 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017172.D
Acq: 11 Nov 2020 18:32

Instrument :
MSVOA_W
ClientSampleId :
VIBLK28

Tot Ion	Ratio	Lower	Upper
84	100		
49	116.6	72.3	134.3
86	71.4	45.1	83.7

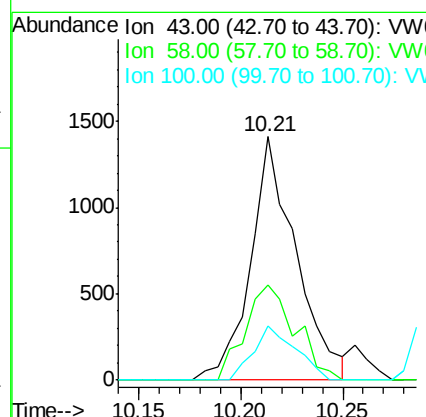
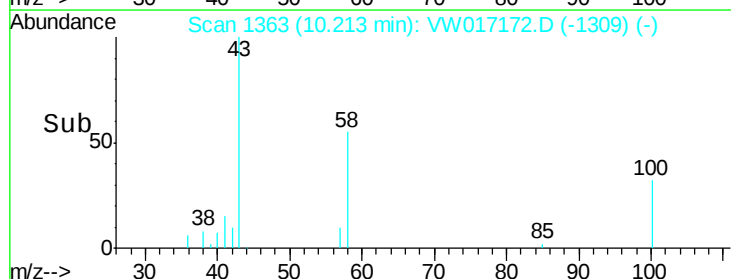
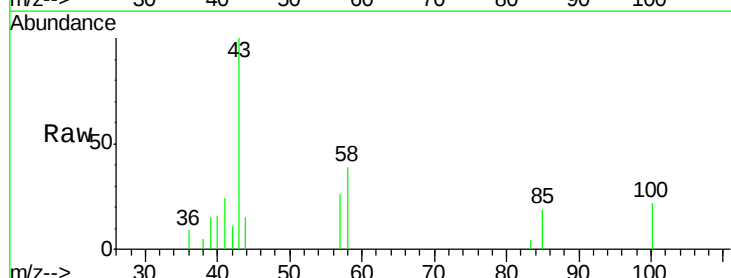
Manual Integrations
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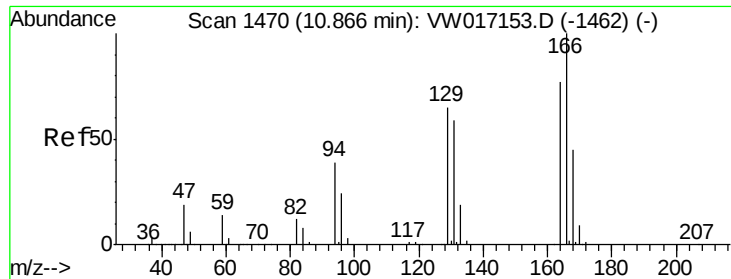
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#43
4-Methyl-2-pentanone
Concen: 0.703 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017172.D
Acq: 11 Nov 2020 18:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	42.9	35.0	52.6
100	20.6	16.6	24.8





#47
Tetrachloroethene
Concen: 1.444 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW017172.D
Acq: 11 Nov 2020 18:32

Instrument :
MSVOA_W
ClientSampleId :
VIBLK28

Tot Ion:	164	Resp:	7914
Ion Ratio	Lower	Upper	
164	100		
129	83.0	62.9	116.7
131	94.5	63.3	117.5
166	125.3	92.0	170.8

Manual Integrations
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